

# Paint.net Plugin Index

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maintained by Scott Stringer (aka Ego Eram Reputo)



### **For help with downloading and installing plugins:**

<http://forums.getpaint.net/index.php?/topic/1708-how-to-install-pluginsgeneral-plugin-troubleshooting-thread/>

<http://boltbait.com/pdn/InstallingEffects.asp>

<http://www.getpaint.net/doc/latest/InstallPlugins.html>

### **Paint.net Forum (Plugin Section):**

<http://forums.getpaint.net/index.php?/forum/7-plugins-publishing-only/>

### **Important!**

The only safe place to download paint.net plugins is from the paint.net forum, or from links posted on the forum by plugin authors. If you download plugins from anywhere else you risk installing obsolete versions, spyware & viruses.

# Ebook Available!

## Mastering Paint.NET 3.5.10



The essential guide to paint.net! Every feature, nuance, tool, Effect and Adjustment explained in no nonsense language.

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## Notes on the Plugin Index

### Color Coding:

- New additions are highlighted with a green background.
- Filetypes have a blue background.
- Plugin Packs have a yellow background.
- Active plugins appear on a white background.
- Most other Statuses (Deprecated, Obsolete, Incompatible...,) are colored gray.

### Type:

**Effect** - a plugin whose function can poll other pixels to modify the source pixel. These are found in the Effects menu or one of the submenus. The DLL files should be placed in the paint.net/Effects folder.

**Adjustment** - a filter type plugin. These effects can change the RGBA values of a pixel but cannot create new areas of color. Find these in the Adjustments menu. The DLL files should be placed in the paint.net/Effects folder.

**Filetype** - a new file format for loading and saving. These do not appear in the paint.net menus, instead they are added to the list of available filetypes in the load/save dialogs. The DLL files should be placed in the paint.net/Filetypes folder. Filetypes are color coded yellow.

**External Resource** - a completely separate application, program, or files designed to be used outside of the paint.net environment.

**Plugin Pack** - a grouping of individual plugins from a single author. Plugin Packs allow easier downloading of multiple plugins. Plugin Packs are color coded yellow.

### Status:

**Active** - works with the latest release of paint.net or is still in active development.

**Deprecated** - A newer version of the plugin or a new technique/feature has largely replaced this plugin. May still work.

**Obsolete** - either does not work with the latest release of paint.net, has been completely replaced or is unavailable for download. In other words don't attempt to download or use this plugin.

**Unsupported** - the author is no longer developing this plugin. It may still work, but don't bother crying if it doesn't.

**Integrated** - Plugin is now part of paint.net itself.

**Bundled** - Plugin is installed as part of the paint.net installation. The plugin remains separate from paint.net so it can be developed independently

### Menu Translation:

Translated menu names may differ from those shown in the Index.

	<p>1px Expansion  Author: dpy  Topic: 16643</p>	<p>Expands areas of color by one pixel. Found in dpy's Pack  Type: Effect   Released: 26 Oct 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: pxExpansion.dll   Menu: Effects &gt; Distort</p>
	<p>2D-ImageFilter Library  Author: Hawkynt  Topic: 24270</p>	<p>Library of algorithms used in various emulators (VirtualGB, Mame, DOSBox, SNES9x, ZSNES, etc.). Also known as Pixel Art Scaling Plugin.  Type: Effect   Released: 03 Mar 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: 2dImageFilter-r133.dll   Menu: Effects &gt; Tools</p>
	<p>3D Heightmap v1.0  Author: Spikehead777  Topic: 9480</p>	<p>Two plugins which take current image as a height map &amp; shines a light on it, returning the intensity of reflected rays as another image (similar to Emboss).  Type: Effect   Released: 21 Apr 2008   Status: Active   Compatibility: 3.5.x  DLL Name: Diffuse.dll, Specular.dll   Menu: Effects &gt; Stylize</p>
	<p>3D Object (BETA)  Author: evanolds  Topic: 13003</p>	<p>Wrap the canvas around a box, torus or topographical graph (with custom equation). Preview is used to drag and rotate shape. Found in Evan's Effects.  Type: Effect   Released: 14 Jan 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EOEffects.dll   Menu: Effects &gt; Render</p>
	<p>AA's Assistant  Author: dpy  Topic: 16643</p>	<p>Used to soften the edges of an object in order to blend it with a background. Object must be surrounded by transparent pixels to find the edges.  Type: Effect   Released: 26 Oct 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: AA's_Assistant.dll   Menu: Effects &gt; Object</p>
	<p>Aardvark Tiling Effect  Author: Red Ochre  Topic: 109943</p>	<p>Tiles an image with choices for reflected and brick tiling, rotation and perspective distortions  Type: Effect   Released: 07 Oct 2016   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Aardvark.dll   Menu: Effects &gt; Distort</p>
	<p>Add Depth  Author: maccas  Topic: 22457</p>	<p>Two plugins which add (the appearance of) depth to a 2D shape on a transparent layer. Add Depth adds an apparent thickness by adding a 'trail'. Offset Shadow is a displacement plugin for moving a shadow after it's been created.  Type: Effect   Released: 18 Aug 2011   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Add Depth.dll, Offset Shadow.dll   Menu: Effects &gt; Render</p>
Integrated	<p>Add Noise +  Author: MadJik  Topic: 6005</p>	<p>Adds digital 'noise' to a selection. Included in the native 'Add Noise' effect. Note: forum thread no longer exists.  Type: Effect   Released: 14 Sep 2007   Status: Integrated   Compatibility: 3.5.x  DLL Name: N/A   Menu: Effects &gt; Noise</p>
Obsolete	<p>Add/Remove/Recover Watermark  Author: Evan Wallace  Topic: 11138</p>	<p>Removed by author due to possible copyright abuses. Note: forum thread no longer exists.  Type: Effect   Released: 08 Apr 2008   Status: Obsolete   Compatibility: Untested  DLL Name: N/A   Menu: N/A</p>
	<p>Advanced Color Replacement  Author: silverhammer  Topic: 13544</p>	<p>Recolors every pixel a different amount based on how similar it is to the secondary color. Also known as Advanced Recoloring.  Type: Effect   Released: 16 Jan 2009   Status: Active   Compatibility: 3.5.x  DLL Name: advcolorrep.dll   Menu: Effects &gt; Color</p>

	<p>Advanced Greyscale Author: Illnab1024 Topic: 8677</p>	<p>Desaturates an image to grayscale. RGB channel bias is individually configurable. Found in Illnab1024's Plugins Type: Effect   Released: 03 Sep 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: illnabPlugins.dll   Menu: Effects &gt; Photo</p>
	<p>Advanced Kaleidoscope Author: Xhin Topic: 115103</p>	<p>Turn an image into a kaleidoscope with many options &amp; features including reflections in a number of different axes. Type: Effect   Released: 13 Sep 2019   Status: Active   Compatibility: 4.2+ DLL Name: Advanced_Kaleidoscope.dll   Menu: Effects &gt; Distort</p>
	<p>Advanced Rotate Author: sradforth Topic: 17732</p>	<p>Rotate an image or selection from the center with options on how the devoid pixels will be treated (clamp, wrap, mirror, Primary Color, Secondary color, untouched). Found in Stu's Effects. Type: Adjustment   Released: 01 Dec 2010   Status: Active   Compatibility: 3.5.x DLL Name: AdvancedRotate.dll   Menu: Adjustments &gt;</p>
	<p>AdvDith - 1 bit dithers Author: AtariSMN82 Topic: 116760</p>	<p>Advanced dithering and desaturation algorithms. Dithering is performed using Black and White. Type: Effect   Released: 15 Jul 2020   Status: Active   Compatibility: 4.2+ DLL Name: AdvDith-en.dll   Menu: Effects &gt; Color</p>
Plugin Pack	<p>Ahmed's Plugins Author: AhmedElyamani Topic: 25275</p>	<p>Effects: Apply Color, Cartoonize, Color Switch, Clarifaction+, InkSketch+, Posterize+, Quick Gravity &amp; Vibration Type: Plugin Pack   Released: 09 Mar 2012   Status: Active   Compatibility: Untested DLL Name: N/A   Menu: N/A</p>
	<p>AI Denoising Filter Author: MichaelVinther Topic: 115952</p>	<p>Noise reduction filter for improving photos taken at high ISO values. Warning: can be quite slow. Try it on a small sample before committing to a large image. Type: Effect   Released: 02 Oct 2020   Status: Active   Compatibility: 4.2+ DLL Name: AIDenoisingFilter.dll, libtensortflow.dll, TensorFlowSharp.dll   Menu: Effects &gt; Noise</p>
	<p>Alias Author: Mike Ryan Topic: 9959</p>	<p>Removes antialiasing. Useful prior to feathering. Found in Mike Ryan's Plugins Type: Effect   Released: 19 May 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Alias.dll   Menu: Effects &gt; Object</p>
Deprecated	<p>Align Object Author: moc426 Topic: 4193</p>	<p>Align an object on a transparent layer to the corners, sides or center of the layer or selection. A newer version with it's own submenu is available as part of KrisVDM's Plugin Pack Type: Effect   Released: 25 May 2007   Status: Deprecated   Compatibility: 3.5.x, 4.0x DLL Name: AlignPlugin.dll   Menu: Effects &gt;</p>
	<p>Align Object Author: xod Topic: 112095</p>	<p>Align an object within the layer. Options to align vertically (Top, Center &amp; Bottom) and horizontally (Left, Center &amp; Right), or both simultaneously. Type: Effect   Released: 12 Nov 2017   Status: Active   Compatibility: 4.0+ DLL Name: Align Object.dll   Menu: Effects &gt; Object</p>
Unsupported	<p>Alivate Batch File Processor Author: merarischroeder Topic: 27189</p>	<p>Incompatible with 4.0x. Iterates through a given folder, opening each image with paint.net and applying a ScriptLab script before saving the image again. Requires ScriptLab be installed. Type: External Resource   Released: 10 May 2013   Status: Unsupported   Compatibility: 3.5.x DLL Name: BatchProcessAutomater.exe   Menu: N/A</p>
Filetype	<p>Alpha 32-bit Bitmap Author: FremyCompany Topic: 11201</p>	<p>Allows you to open and save file in 32-bit bitmap. You must rename the file to *.bmpx (to avoid conflict with the existing PDN's BMP handler). If you try to open non-BMP files, you should receive an error (24bpp bitmaps are loaded correctly) Type: Filetype   Released: 08 Aug 2008   Status: Active   Compatibility: Untested DLL Name: BMP32 paint.net FileType.dll   Menu: N/A</p>

Alpha Blur v2 Author: Tanel Topic: 24280	Updated version of Alpha Blur, this effect performs a Gaussian blur on alpha channel (transparency). Useful for fading / blending irregular shapes. V2 has enhanced performance & option to shift blur. Found in Tanel's Photo and Color Plugins Type: Effect   Released: 03 May 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: AlphaBlur.dll   Menu: Effects > Blurs
Alpha Contrast Author: sradforth Topic: 17732	Blur or sharpen the Alpha channel. Found in Stu's Effects. Type: Adjustment   Released: 01 Dec 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: AlphaContrast.dll   Menu: Adjustments >
Alpha Levels Author: redflux Topic: 113215	Like posterize but for alpha channel. Limits the amount of steps in the alpha channel. Type: Adjustment   Released: 09 Oct 2018   Status: Active   Compatibility: 4.1+ DLL Name: alphalevels.dll   Menu: Adjustments >
Alpha map Author: Boude Topic: 13330	Convert color to transparency & vice versa. Type: Adjustment   Released: 31 Dec 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: AlphaMap2.dll   Menu: Adjustments >
Alpha Mask Author: Illnab1024 Topic: 8677	Turn an image into an alpha mask. If the image has color, it is converted to greyscale. Updated to add clipboard functionality. Found in Illnab1024's Plugins Type: Effect   Released: 03 Sep 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: illnabPlugins.dll   Menu: Effects > Object
Alpha Mask Import (2.0) Author: Illnab1024 Topic: 1854	Turn an image into an alpha mask. If the image has color, it is converted to greyscale. Updated to add clipboard functionality. Appears to be a later version than the one contained in Illnab1024's Plugins Type: Effect   Released: 23 Sep 2006   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: AlphaMask.dll   Menu: Effects > Object
Alpha to 0 Author: dpy Topic: 16643	Set the alpha channel to zero (transparent). Found in dpy's Pack Type: Effect   Released: 26 Oct 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Alpha_to_0.dll   Menu: Effects > Color
Alpha to 255 Author: dpy Topic: 16643	Set the alpha channel to 255 (opaque). Found in dpy's Pack Type: Effect   Released: 26 Oct 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Alpha_to_255.dll   Menu: Effects > Color
Alpha to Dots Author: davidf Topic: 25473	Resets alpha values in the image to 0 or 255, based on the original alpha value. The result is a 'dotty' transition instead of a blended one (imagine old newspaper images) Type: Effect   Released: 19 Oct 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: AlphaToDots.dll   Menu: Effects > Artistic
Alpha Transform 1.1 Author: DW-dev Topic: 16195	Pixels below the lower limit get alpha set to 0 (fully transparent). Pixels above the upper limit get alpha set to 255 (fully opaque). Pixels in between get alpha between 0 and 255 depending on their brightness. Type: Adjustment   Released: 16 Sep 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Alpha Transform.dll   Menu: Adjustments >
Alpha Transform v1.0	Superseded by a later release: See Alpha Transform 1.1 Type: Effect   Released: 09 Apr 2009   Status: Obsolete   Compatibility: Untested DLL Name: N/A   Menu: N/A

Obsolete

	<p>Alpha-Threshold  Author: Red Ochre  Topic: 25193</p>	<p>Allows manipulation of transparency (Alpha) in a layer which already has a range of alpha values. Found in Red Ochre's Plugin Pack  Type: Effect   Released: 17 Aug 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Alpha Threshold.dll   Menu: Effects &gt; Transparency</p>
	<p>Alphalizer  Author: Rider01  Topic: 30301</p>	<p>Changes the image's alpha channel based on the original pixel colors, modified using the selected method.  Type: Effect   Released: 18 Nov 2014   Status: Active   Compatibility: 4.0+  DLL Name: Alphalizer.dll   Menu: Effects &gt; Object</p>
Unsupported	<p>AlphaMask Brush v1.7  Author: Simon Brown  Topic: 9586</p>	<p>Draw an alpha mask directly onto an image. Found in Simon Brown's Legacy Plugin Pack.  Type: Effect   Released: 27 Apr 2008   Status: Unsupported   Compatibility: 3.5.x  DLL Name: AlphaMaskBrush.dll   Menu: Effects &gt; Tools</p>
	<p>AlphaSpace  Author: MaR-V-iN  Topic: 13061</p>	<p>Converts a white/black background into transparency. Recognizes shadows and makes them semi-transparent.  Type: Effect   Released: 12 Dec 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: AlphaSpace.dll   Menu: Effects &gt;</p>
Deprecated	<p>Alt to LayerSaver  Author: Martin Osieka  Topic: 31597</p>	<p>Saves layers as individual files in PNG, BMP, GIF or JPEG format. Released as Zip Archive Filetype  Type: Filetype   Released: 03 Apr 2015   Status: Deprecated   Compatibility: 4.0+  DLL Name: ImZip.FileType.dll   Menu: N/A</p>
Filetype	<p>Amigalcon  Author: Connect 9600  Topic: 28144</p>	<p>Load and save Amiga (.info) files. To use, copy Amigalcon.dll and Amigalcon.palettes to the paint.net FileTypes folder.  Type: Filetype   Released: 04 Mar 2014   Status: Active   Compatibility: Untested  DLL Name: Amigalcon.dll &amp; Amigalcon.palettes   Menu: N/A</p>
	<p>Anaglyphs  Author: Itso  Topic: 16418</p>	<p>Creations of anaglyphs (3D stereo pictures).  Type: Effect   Released: 10 Apr 2009   Status: Active   Compatibility: 3.5.x  DLL Name: Anaglyph.dll   Menu: Effects &gt; Anaglyph</p>
	<p>Angled Gradient  Author: MJW  Topic: 110601</p>	<p>Draws a gradient in the active layer / selection at the specified angle  Type: Effect   Released: 19 Nov 2016   Status: Active   Compatibility: 4.0+  DLL Name: Angled Gradient.dll   Menu: Effects &gt; Render</p>
	<p>Animal Texture  Author: MadJik  Topic: 111683</p>	<p>Creates textures which look like faux animal skins. Found in Magical Plugins Megapack.  Type: Effect   Released: 23 Aug 2017   Status: Active   Compatibility: 4.0+  DLL Name: Animal.dll   Menu: Effects &gt; Texture</p>
Filetype	<p>Animated Image 1.7  Author: Simon Brown  Topic: 13454</p>	<p>Open and save animated GIFs &amp; PNGs, one frame into each layer. Found in Simon Brown's Plugin Pack.  Type: Filetype   Released: 01 Oct 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: AnimGIF.dll   Menu: N/A</p>
	<p>Animation Helper v0.81  Author: recursor  Topic: 17516</p>	<p>Allows you to view any sequence of animations within a sprite sheet.  Type: Effect   Released: 24 Dec 2009   Status: Active   Compatibility: Untested  DLL Name: AnimationEffect.dll   Menu: Effects &gt; Animation</p>
Obsolete	<p>Another Raw File Loader  Author: Telesto  Topic: 4717</p>	<p>Support for loading RAW files. No longer supported or available for download.  Type: Filetype   Released: 30 Jun 2007   Status: Obsolete   Compatibility: Untested  DLL Name: N/A   Menu: N/A</p>

Unsupported	<p>Anti-alias v1.5 Author: jsonchiu Topic: 5610</p>	<p>Use to smooth edges, keeping them clear, not blurred. Type: Effect   Released: 23 Aug 2007   Status: Unsupported   Compatibility: 3.5.x, 4.0x DLL Name: Anti-Alias by jsonchiu.dll   Menu: Effects &gt; Object</p>
	<p>Apply Color Author: AhmedElyamani Topic: 25275</p>	<p>Apply a filter to recolor or tint an image. Found in Ahmed's Plugin Pack Type: Effect   Released: 09 Mar 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Apply Color.dll   Menu: Effects &gt; Color</p>
	<p>Apply Texture Author: niwax Topic: 19666</p>	<p>Applies a texture to any selected object, saving the brightness. Type: Effect   Released: 14 Aug 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Apply Texture.dll   Menu: Effects &gt; Object</p>
Filetype	<p>Arduino NeoPixel Sketch Exporter Author: Makuna Topic: 107921</p>	<p>Export an image to a .h file that can be included into Arduino Sketch. The image is exported as a PROGMEM data structure for use with the NeoPixelBus Arduino library. Type: Filetype   Released: 16 Apr 2016   Status: Active   Compatibility: 4.0+ DLL Name: ArduinoProgmemNeoPixelFileType.dll   Menu: N/A</p>
Plugin Pack	<p>ArgusMagnus' Plugin Pack Author: ArgusMagnus Topic: 32337</p>	<p>ArgusMagnus' plugin pack: Unblend, Fast Fourier Transform (FFT/IFFT), High/Low/Band Pass Filter, Edge Detect+, Barcode &amp; App Icon Set Type: Plugin Pack   Released: 26 Sep 2015   Status: Active   Compatibility: 4.1+ DLL Name: N/A   Menu: N/A</p>
Integrated	<p>Arrow Author: BoltBait Topic: 2900</p>	<p>Effect is now included in paint.net from version 3.07+ Type: Effect   Released: 02 Jun 2007   Status: Integrated   Compatibility: Untested DLL Name: Arrows.dll   Menu: Effects &gt; Render</p>
	<p>ArtyThing Author: Red Ochre Topic: 107354</p>	<p>Imitates various artistic media by using the 'tone gradient' (i.e. edges) of an image to generate extra artistic strokes. Output can range from oil painting effects to pencil sketches, crayons, pastels watercolors and more. Type: Effect   Released: 02 Mar 2016   Status: Active   Compatibility: 4.0+ DLL Name: ArtyThing.dll   Menu: Effects &gt; Artistic</p>
Obsolete	<p>ASCII Art Author: Simon Brown Topic: 8232</p>	<p>Obsolete, use: Another ASCII Art File Type Plugin. Type: Filetype   Released: 02 Nov 2008   Status: Obsolete   Compatibility: Untested DLL Name: N/A   Menu: N/A</p>
Filetype	<p>ASCII Art File Type Plugin Author: I Like Pi Topic: 8646</p>	<p>ASCII art generator. Transform your image into an ascii art masterpiece! Type: Filetype   Released: 03 Jul 2008   Status: Active   Compatibility: 3.5.x DLL Name: AsciiArtFileType.dll   Menu: N/A</p>
Plugin Pack	<p>Asmageddon Tools Pack v3 Author: Asmageddon Prince Topic: 6845</p>	<p>Numerous color &amp; distort effects: Asmageddon_Alpha works, Asmageddon_Channel multiplier, Asmageddon_Channel_Shift, Asmageddon_Channel_Works_Plus, Asmageddon_Color_Percentage_Plus, Asmageddon_From P to S Grey, Asmageddon_From P to S, Asmageddon_HSV inversion, Asmageddon_Hue Channeling multiply, Asmageddon_Hue Red Psychodelic, Asmageddon_Image coder, Asmageddon_Inverto_pushing, Asmageddon_Inverto_pushing_Caleidoscope, Asmageddon_Inverto_pushing_plus, Asmageddon_Multiplo unica, Asmageddon_PS Mega, Asmageddon_PS Only, Asmageddon_Pseudo water, Asmageddon_Quadro disorder B, Asmageddon_Quadro disorder, Asmageddon_Render-Border, Asmageddon_Render-Quadro bumperoo, Asmageddon_Render-Quadro inverto, Asmageddon_Render-Quadro sharper, Asmageddon_RGB tricks, Asmageddon_Strange Bulger B, Asmageddon_Strange Bulger, Asmageddon_Strange_Bulger Kaleidoscope. Type: Plugin Pack   Released: 16 Nov 2007   Status: Active   Compatibility: Untested DLL Name: N/A   Menu: N/A</p>



Asmageddon_Alpha works Author: Asmageddon Prince Topic: 6845	Enhance or reduce Alpha channel. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Alpha works.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Channel multiplier Author: Asmageddon Prince Topic: 6845	Enhance colorization by multiplying the RGB color channels by a factor of up to 20. Multiplication is quirky to say the least. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Channel multiplier.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Channel_Shift Author: Asmageddon Prince Topic: 6845	Selectively move an RGB, Alpha or All color channel a number of pixels in X or Y directions. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Channel_Shift.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Channel_Works_Plus Author: Asmageddon Prince Topic: 6845	Enhance or reduce the color information in an RGB, Alpha or combined RGB color channel. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Channel_Works_Plus.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Color_Percentage_Plus Author: Asmageddon Prince Topic: 6845	Alter the R, G or B color channels by percentage. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Color_Percentage_Plus.dll   Menu: Effects > Asmageddon Tools
Asmageddon_From P to S Author: Asmageddon Prince Topic: 6845	Assumed to shift the specified color channel(s) in some way between Primary and Secondary colors. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_From P to S.dll   Menu: Effects > Asmageddon Tools
Asmageddon_From P to S Grey Author: Asmageddon Prince Topic: 6845	Assumed to shift the specified color channel(s) in some way between Primary and Secondary colors. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_From P to S Grey.dll   Menu: Effects > Asmageddon Tools
Asmageddon_HSV inversion Author: Asmageddon Prince Topic: 6845	Think three checkboxes to invert the Hues, Saturation and Value. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_HSV inversion.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Hue Channeling multiply Author: Asmageddon Prince Topic: 6845	Red, Green & Blue channel multiplier. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Hue Channeling multiply.dll   Menu: Effects > Asmageddon Tools

Asmageddon_Hue Red Psychodelic Author: Asmageddon Prince Topic: 6845	Change the Red in an image to another Hue. Red channel only. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Hue Red Psychodelic.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Image coder Author: Asmageddon Prince Topic: 6845	Turn an image into heavily distorted pattern. No decoder or author provided description of algorithm. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Image coder.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Inverto_pushing Author: Asmageddon Prince Topic: 6845	Basic image warping by 'pushing' the image from its center toward one of the corners. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Inverto_pushing.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Inverto_pushing_Caleidoscope Author: Asmageddon Prince Topic: 6845	Similar to Asmageddon_Inverto_pushing with the addition of kaleidoscopic duplicates. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Inverto_pushing_Caleidoscope.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Inverto_pushing_plus Author: Asmageddon Prince Topic: 6845	As for Asmageddon_Inverto_pushing with the additional option to tile the image across the canvas. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Inverto_pushing_plus.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Multiplo uniuqa Author: Asmageddon Prince Topic: 6845	Apparently another channel multiplier. Author: 'makes strange colors?'. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Multiplo uniuqa.dll   Menu: Effects > Asmageddon Tools
Asmageddon_PS Mega Author: Asmageddon Prince Topic: 6845	A previous version of From P to S. Yields some interesting greyscale results. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_PS Mega.dll   Menu: Effects > Asmageddon Tools
Asmageddon_PS Only Author: Asmageddon Prince Topic: 6845	Recolors image to Primary and Secondary colors (only). Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_PS Only.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Pseudo water Author: Asmageddon Prince Topic: 6845	Distorts an image with a watery waveform. Effect is very powerful. Menu title is simply 'Water'. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Pseudo water.dll   Menu: Effects > Asmageddon Tools
Asmageddon_Quadro disorder Author: Asmageddon Prince Topic: 6845	Breaks image into sharp pieces and scatters them. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Quadro disorder.dll   Menu: Effects > Asmageddon Tools

Asmageddon_Quadro disorter B Author: Asmageddon Prince Topic: 6845	Breaks image into sharp pieces and scatters them. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Quadro disorter B.dll   Menu: Effects > Asmageddon Tools	
Asmageddon_Render-Border Author: Asmageddon Prince Topic: 6845	Renders a strange Primary colored border not unlike a raindrop covered window. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Render-Border.dll   Menu: Effects > Asmageddon Tools	
Asmageddon_Render-Quadro bumperoo Author: Asmageddon Prince Topic: 6845	Greyscale distortion/patterning effect. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Render-Quadro bumperoo.dll   Menu: Effects > Asmageddon Tools	
Asmageddon_Render-Quadro inverto Author: Asmageddon Prince Topic: 6845	More greyscale distortion/patterning effects. Reminiscent of Sierpinski triangles. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Render-Quadro inverto.dll   Menu: Effects > Asmageddon Tools	
Asmageddon_Render-Quadro sharper Author: Asmageddon Prince Topic: 6845	Still more greyscale distortion/patterning effects. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Render-Quadro sharper.dll   Menu: Effects > Asmageddon Tools	
Asmageddon_RGB tricks Author: Asmageddon Prince Topic: 6845	Mirror or invert the RGB channels. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_RGB tricks.dll   Menu: Effects > Asmageddon Tools	
Asmageddon_Strange Bulger Author: Asmageddon Prince Topic: 6845	Incompatible with 4.0x. Effect generates an error. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x DLL Name: Asmageddon_Strange Bulger.dll   Menu: Effects > Asmageddon Tools	
Obsolete	Asmageddon_Strange Bulger B Author: Asmageddon Prince Topic: 6845	Incompatible with 4.0x. Effect generates an error. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Obsolete   Compatibility: 3.5.x DLL Name: Asmageddon_Strange Bulger B.dll   Menu: Effects > Asmageddon Tools
	Asmageddon_Strange_Bulger Kaleidoscope Author: Asmageddon Prince Topic: 6845	Tiles image with mirroring in horizontal and vertical axes. Somewhat settings are similar to Polar Inversion type transformations. Found in Asmageddon Tools Pack Type: Effect   Released: 16 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Asmageddon_Strange_Bulger Kaleidoscope.dll   Menu: Effects > Asmageddon Tools

Auto Chrome Grain filler texture Author: MadJik Topic: 111740	Fills the layer or selection with grains (circles) in three colors Orange (25%), Green (40%) and Purple (35%). The first few grains are first placed on the central canvas. Subsequent grains are distance checked with other grains to obtain the maximum radius possible without overlaying any other grain. All grains could be contiguous. Found in Magical Plugins Megapack Type: Effect   Released: 09 Jul 2017   Status: Active   Compatibility: 4.0+ DLL Name: AutoChrome.dll   Menu: Effects > Texture
AutoChroma Author: MadJik Topic: 7186	Generates fill or unfilled circles. Has preview issues. Found in Magical Plugins Megapack. Type: Effect   Released: 12 Sep 2007   Status: Active   Compatibility: 3.5.x DLL Name: AutoChrome.dll   Menu: Effects > Artistic
Autochrome Noise Author: MadJik Topic: 19398	Autochrome is a technique to recolor photos using colored grain or noise. Found in Magical Plugins Megapack. Type: Effect   Released: 15 Jul 2010   Status: Active   Compatibility: 3.5.x DLL Name: AutoChromeNoise.dll   Menu: Effects > Noise
Average Blur Author: KrisVDM Topic: 8375	Blur which averages all pixels within a certain radius. Each pixel counts as much as any other. Found in Kris VDM's Plugin Pack. Type: Effect   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x DLL Name: Vandermotten.PaintDotNetEffects.Blurs.dll & Vandermotten.PaintDotNetEffects.dll   Menu: Effects > Blurs
Average Color (HSL) Author: Neil Cassidy Topic: 16932	Averages the color of a selection with regard to human perception of color. Type: Effect   Released: 11 Nov 2009   Status: Active   Compatibility: 3.5.x DLL Name: AverageColorHSL.dll   Menu: Effects > Color
Average Color of Selection Author: MJW Topic: 12919	Averages the color over a selection. Type: Effect   Released: 30 Nov 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: AverageSelectionColor.dll   Menu: Effects >
Average Edge Blur Author: cookies Topic: 20542	Edge blur. Samples colors at the edge of an 8-way circle and returns the average. Type: Effect   Released: 16 Dec 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: AverageEdgeBlur.dll   Menu: Effects > Blurs
Average Object Color Author: MJW Topic: 110896	Averages the colors of objects. Type: Effect   Released: 17 Jan 2017   Status: Active   Compatibility: 4.0+ DLL Name: Average Object Color.dll   Menu: Effects > Object
Averaged Color Blur Author: ReMake Topic: 112431	Update of Average Edge Blur by Cookies. Recolors each pixel based on the average of the surrounding pixels (within the selected radius). Allows blurring by individual color channel, and combinations of color channels. Multiple non-standard blend modes included. Type: Effect   Released: 02 Jul 2018   Status: Active   Compatibility: 4.0+ DLL Name: AveragedColorBlur.dll   Menu: Effects > Blurs
Unsupported AVI Frame Importer: AVIImport Author: Simon Brown Topic: 7488	Allows paint.net to open an AVI (movie) file and choose which frame to open as an image. Files should be supported by the Windows AVI library. NB not all video files will work. Type: Filetype   Released: 01 Jan 2008   Status: Unsupported   Compatibility: Untested DLL Name: AviFile.dll & AVIImport.dll   Menu: N/A

Filetype	<p>AVIF Filetype Author: null54 Topic: 116233</p>	<p>This plugin allows AVIF images to be loaded and saved with transparency. Though this plugin is bundled with Paint.NET 4.2.14 and later, newer features and bug fixes are released here first. Installing this plugin will override the bundled version if it has higher version number. When installed it will replace Paint.NET's built-in AVIF support. Type: Filetype   Released: 04 Oct 2020   Status: Active   Compatibility: 4.2+ DLL Name: AvifFileType.dll, AvifNative_x86.dll and AvifNative_x64.dll   Menu: N/A</p>
New	<p>Axis Streak Author: Reptillian Topic: 117615</p>	<p>Streaks pixels along an axis. Options to change the streak direction and the exponential factor. It's not designed to work with non-transparent rgb images. Source code provided. Type: Effect   Released: 05 Jan 2021   Status: New   Compatibility: 4.2+ DLL Name: AxisStreakGmicPDN.dll &amp; supporting folder/files GmicSharpNative   Menu: Effects &gt; Distort</p>
	<p>Axis-Based Shift Author: Reptillian Topic: 116418</p>	<p>Distortion plugin that shifts pixels with options to set direction, influence level, threshold level, and position. Codelab source code available. Type: Effect   Released: 14 May 2020   Status: Active   Compatibility: 4.2+ DLL Name: ShiftedGroupPixeltoBoundary.dll   Menu: Effects &gt; Distort</p>
	<p>Barcode Author: toe_head2001 Topic: 31559</p>	<p>A re-release of [member=sepcot]'s Barcode plugin. This version adds new features and fixes some bugs. Barcode formats: Code 39, Code 39 mod 43, Full ASCII code 39 and POSTNET. Type: Effect   Released: 22 Feb 2015   Status: Active   Compatibility: 4.0+ DLL Name: Barcode.dll   Menu: Effects &gt; Render</p>
	<p>Barcode Plugin Author: eladkarako Topic: 26013</p>	<p>Recompiled version of the original Barcode plugin. This generate barcodes from user input. Supports Code 39, Code 39 Mod 43, Full ascii code 39 and Postnet. Type: Effect   Released: 06 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Barcode.dll   Menu: Effects &gt;</p>
Deprecated	<p>Barcode Plugin Author: Sepcot Topic: 3305</p>	<p>Generate barcodes from user input. Original has been recompiled by [member=eladkarako] and rereleased under the same name. This version is therefore flagged as deprecated. Type: Effect   Released: 16 Mar 2007   Status: Deprecated   Compatibility: 3.5.x DLL Name: Barcode.dll   Menu: Effects &gt;</p>
	<p>Bars Author: MadJik Topic: 4279</p>	<p>Generate colored bars from a border of the image with a random length. Found in Magical Plugins Megapack. Type: Effect   Released: 06 Jan 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Bars.dll   Menu: Effects &gt; Render</p>
Filetype	<p>Base 64 filetype Author: null54 Topic: 26774</p>	<p>Loads and saves Base64 encoded images. Only BMP and PNG format images can be saved. The format of the text file is UTF8. Type: Filetype   Released: 14 Jul 2013   Status: Active   Compatibility: Untested DLL Name: Base64FileType.dll   Menu: N/A</p>
	<p>Basic Antialias v1.1 Author: pyjo Topic: 7644</p>	<p>Reduces aliasing of an object which borders transparent pixels without altering the sharpness of the edge. No configurable options hence no dialog appears when the effect is run. Type: Effect   Released: 01 Sep 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: BasicAntialias11.dll   Menu: Effects &gt; Object</p>
	<p>Basic Edge Detector Author: Joshua Lamusga Topic: 29780</p>	<p>Used to make outlines that reduce the data needed to analyze an image, deducing areas of interest, and enabling the use of many interesting edge-based effects. Type: Effect   Released: 21 Aug 2014   Status: Active   Compatibility: 4.0+ DLL Name: Basic_Edge_Detector.dll   Menu: Effects &gt; Stylize</p>

	<p>Basic morphologic operations  Author: PhilipLB  Topic: 8965</p>	<p>Performs basic morphologic operations: dilate and erode. Dilatation is a simple way to remove scratches and noise from a uniform background. Erode is similar to the Median Blur effect.  Type: Effect   Released: 25 Mar 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Morphologic.dll   Menu: Effects &gt; Stylize</p>
	<p>Basic Photo Adjustments v2.0  Author: Tanel  Topic: 12374</p>	<p>Color and tone enhancement tools (levels, curves) in a simple intuitive package. Found in Tanel's Plugin Pack.  Type: Effect   Released: 18 Oct 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: BasicPhotoAdjustments.dll   Menu: Effects &gt; Photo</p>
Obsolete	<p>Batch Processor - PROTOTYPE  Author: jxp  Topic: 16933</p>	<p><i>[i]</i>Removed by Rick Brewster<i>[/i]</i>. Prototype batch processor. Forum thread no longer exists.  Type: External Resource   Released: 11 Nov 2009   Status: Obsolete   Compatibility: Untested  DLL Name: N/A   Menu: N/A</p>
Obsolete	<p>Benchmark Utility (PdnBench)  Author: Rick Brewster  Topic: 924</p>	<p>Superseded by a later release. Forum thread no longer exists.  Type: External Resource   Released: 22 Mar 2006   Status: Obsolete   Compatibility: Untested  DLL Name: N/A   Menu: N/A</p>
	<p>Bevel Object  Author: BoltBait  Topic: 32048</p>	<p>Works just like BoltBait's Bevel Selection; simulates depth by adding an emboss type highlight and shadowing to an object. Found in BoltBait's Plugin Pack  Type: Effect   Released: 21 Jul 2015   Status: Active   Compatibility: 4.0+  DLL Name: ObjectTools.dll   Menu: Effects &gt; Object</p>
Unsupported	<p>Bevel Plugin v1.4  Author: jsonchiu  Topic: 5579</p>	<p>Applies a bevelled edge to parts of an image or selection. Renamed from Bevel Object March 2016  Type: Effect   Released: 22 Aug 2007   Status: Unsupported   Compatibility: 3.5.x, 4.0x  DLL Name: Bevel_v1.4.0.0.dll   Menu: Effects &gt; Render</p>
	<p>Bevel Selection  Author: BoltBait  Topic: 11514</p>	<p>Adds a bevelled effect to the edges of a selection with contrasting highlight and shadowing colors faking a lighting effect. Found in BoltBait's Plugin Pack  Type: Effect   Released: 15 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SelectionTools.dll   Menu: Effects &gt; Selection</p>
	<p>Bezncurve  Author: Red Ochre  Topic: 26457</p>	<p>Render open and closed curves with 6 control points.  Type: Effect   Released: 22 May 2013   Status: Active   Compatibility: Untested  DLL Name: Bezncurve.dll   Menu: Effects &gt; Render</p>
	<p>Bidirectional Blur  Author: Tanel  Topic: 11619</p>	<p>This blur is a Gaussian blur with the ability to separately modify the horizontal and vertical direction. Found in Tanel's Plugin Pack.  Type: Effect   Released: 09 Jan 2008   Status: Active   Compatibility: 3.5.x  DLL Name: Bidirectional Blur.dll   Menu: Effects &gt; Blurs</p>
Obsolete	<p>Bilateral Filter  Author: smax  Topic: 24097</p>	<p>Edge preserving noise reduction and blur. Crashes paint.net. Requires user to run MSI installer which installs the effect and creates a sub-folder /ru to house resources (Bilateral.resources.dll and Bilateral.resources.dll.VisualState.xml).  Type: Effect   Released: 02 Oct 2012   Status: Obsolete   Compatibility: 3.5.x  DLL Name: Bilateral.dll   Menu: Effects &gt; Blurs</p>
	<p>Bizarro-Negation v1.0  Author: Xhin  Topic: 25228</p>	<p>Creates abstract art using a technique which effectively duplicates the layer, flips it horizontally and vertically, then sets it to negation.  Type: Effect   Released: 23 Aug 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Bizarro-Negation.dll   Menu: Effects &gt; Color</p>

	<p>Black and Alpha+ Author: dpy Topic: 13837</p>	<p>Changes an image into black and white, and changes brightness into transparency. Found in dpy's Pack Type: Adjustment   Released: 02 Sep 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: BlackandAlpha+.dll   Menu: Adjustments &gt;</p>
	<p>Black and White Converter Author: Tanel Topic: 15093</p>	<p>Convert image to black and white (greyscale), with many options for setting white/black level, tone &amp; contrast, color &amp; tint. Found in Tanel's Plugin Pack. Type: Effect   Released: 06 Dec 2009   Status: Active   Compatibility: 3.5.x DLL Name: Black and White Converter.dll   Menu: Effects &gt; Photo</p>
	<p>Black and White+ Author: BoltBait Topic: 113452</p>	<p>Provides three different algorithms to convert a color image into a black-and-white image. Also provides Brightness &amp; Contrast adjustments. Source code provided. Part of BoltBait's plugin pack. Type: Adjustment   Released: 11 Sep 2018   Status: Active   Compatibility: 4.1+ DLL Name: BandWPlus.dll   Menu: Effects &gt;</p>
	<p>Black and White+ Author: MJW Topic: 110935</p>	<p>Adjustment which converts an image to black and white with the option of specifying the weight of each color channel. Type: Adjustment   Released: 26 Jan 2017   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: BlackAndWhite+.dll   Menu: Adjustments &gt;</p>
	<p>Blend Seams Author: DataDink Topic: 106712</p>	<p>Attempts to smooth out the edges of a texture in order to make the texture tile seamlessly. Type: Effect   Released: 31 Dec 2015   Status: Active   Compatibility: 4.0+ DLL Name: BlendSeams.dll   Menu: Effects &gt; Render</p>
Deprecated	<p>BlendModes Plus v2.3.5 Author: APShredder Topic: 16607</p>	<p>[Superseded] Apply a host of new blend modes: Normal, Average, Blue, Color, Cyan, Divide, Exclusion, Grain Extract, Grain Merge, Green, Hard Light, Hard Mix, Hue, Linear Burn, Linear Dodge, Linear Light, Luminosity, Magenta, Maximum, Minimum, Phoenix, Pin Light, Red. Type: Effect   Released: 22 Oct 2009   Status: Deprecated   Compatibility: 3.5.x, 4.0x DLL Name: BlendModesPlus.dll   Menu: Effects &gt; Tools</p>
	<p>BlendModes Plus v3.1 Author: toe_head2001 Topic: 113214</p>	<p>Updated version of APShredder's original. Apply a host of new blend modes: Normal, Average, Blue, Color, Cyan, Divide, Exclusion, Grain Extract, Grain Merge, Green, Hard Light, Hard Mix, Hue, Linear Burn, Linear Dodge, Linear Light, Luminosity, Magenta, Maximum, Minimum, Phoenix, Pin Light, Red. Source code available. Type: Effect   Released: 09 Sep 2018   Status: Active   Compatibility: 4.2+ DLL Name: BlendModesPlus.dll   Menu: Effects &gt; Tools</p>
Filetype	<p>BLP Converter Plugin Author: Evan Wallace Topic: 11192</p>	<p>File support for loading Blizzard Picture files (*.blp). Requires [url=http://www.microsoft.com/downloads/details.aspx?FamilyID=a5c84275-3b97-4ab7-a40d-3802b2af5fc2]Microsoft Visual C++ 2008 SP1 Redistributable Package[url]. Type: Filetype   Released: 08 Aug 2008   Status: Active   Compatibility: Untested DLL Name: Blp.dll   Menu: N/A</p>
Unsupported	<p>Blue/Green Screen Remover Author: Bleek II Topic: 14306</p>	<p>Remove green screen / blue screen (background) from an image. Note: semi-broken Type: Effect   Released: 26 Mar 2009   Status: Unsupported   Compatibility: 3.5.x DLL Name: SR.dll   Menu: Effects &gt; Object</p>
	<p>Blur Fill Author: toe_head2001 Topic: 32224</p>	<p>Fills transparent areas of the canvas with a scaled copy of an object within the layer. The height vs. width ratio is fixed. Type: Effect   Released: 29 Aug 2015   Status: Active   Compatibility: 4.0+ DLL Name: BlurFill.dll   Menu: Effects &gt; Fill</p>

Incompatible	<p>Blur Map Author: Curtis Topic: 8043</p>	<p>Incompatible with 4.0x. Blur the image by the value taken from the map image. Found in Curtis' Plugin Pack. Three DLL's contain a number of effects. Type: Effect   Released: 31 Jan 2008   Status: Incompatible   Compatibility: 3.5.x DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll &amp; CurtisBlack.Common.dll   Menu: Effects &gt; Blurs</p>
	<p>Blur Selection Edge Author: BoltBait Topic: 11514</p>	<p>Blurs the edge of a selection. Found in BoltBait's Plugin Pack Type: Effect   Released: 15 Feb 2008   Status: Active   Compatibility: 3.5.x DLL Name: SelectionTools.dll   Menu: Effects &gt; Selection</p>
	<p>BlurBlend Author: TrevorOutlaw Topic: 113876</p>	<p>Run Gaussian blur on a source image with additional of blending options (many are new to paint.net) Type: Effect   Released: 03 May 2019   Status: Active   Compatibility: 4.1+ DLL Name: BlurBlend.dll   Menu: Effects &gt; Blurs</p>
	<p>BoltBait's Meme Maker Author: BoltBait Topic: 110207</p>	<p>Quickly and easily make internet memes by overlayng text with the correct styling. Separate DLL available (3.5.11) or found in BoltBait's plugin pack (4.0.6+) Type: Effect   Released: 16 Aug 2016   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: MemeMaker.dll   Menu: Effects &gt; Photo</p>
Deprecated	<p>BoltBait's Pack Author: BoltBait Topic: 8318</p>	<p>Effects: Color Balance, Transparency, Flip (Horizontal or Vertical), Dream, Pastel, Gaussian Blur Plus, Feather, OldFeather, Outline, Paste Alpha, Switch Alpha to Gray, Switch Gray to Alpha, Combined Adjustments, Sharpen Landscape, Polygon/Stars, Flames, Bevel Selection, Blur Selection edge, Feather selection, Outline Selection, Object Inner Shadow. Type: Plugin Pack   Released: 15 Feb 2008   Status: Deprecated   Compatibility: 3.5.x DLL Name: N/A   Menu: N/A</p>
Obsolete	<p>BoltBait's Plugin Pack for v4.0 Author: BoltBait Topic: 28488</p>	<p>Use BoltBait's Plugin Pack for v4.0.6+ instead. Type: Plugin Pack   Released: 26 May 2014   Status: Obsolete   Compatibility: 4.0+ DLL Name: N/A   Menu: N/A</p>
Obsolete	<p>BoltBait's Plugin Pack for v4.0.6+ Author: BoltBait Topic: 32048</p>	<p>Effects: Color Balance, Hue/Saturation+, Temperature/Tint, Transparency, Flip (Horizontal or Vertical), Dream, Oil Painting+, Pastel, Gaussian Blur Plus, Fill from Clipboard, Fill from File, Bevel Object, Feather, Inner Shadow, Object Shadow, OldFeather, Outline, Paste Alpha, Switch Alpha to Gray, Switch Gray to Alpha, Combined Adjustments, Level Horizon, Remove Dust, Sharpen Landscape, Seam Carving (Horizontal/Vertical), Vignette+, Polygon/Stars, Flames, Gradients, Gird/Checkerboard, Bevel Selection, Blur Selection Edge, Feather Selection, Inner Shadow Selection, Outline Selection, Floyd-Steinberg Dithering. One palette file and 45 Shapes included. Plugin pack comes with it's own exe installer. Type: Plugin Pack   Released: 08 Jan 2015   Status: Obsolete   Compatibility: 4.0+ DLL Name: N/A   Menu: N/A</p>
Plugin Pack	<p>BoltBait's Plugin Pack for v4.1+ Author: BoltBait Topic: 113220</p>	<p>Effects: Color Balance, Hue/Saturation+, Temperature/Tint, Transparency, Flip (Horizontal or Vertical), Dream, Oil Painting+, Pastel, Gaussian Blur Plus, Fill from Clipboard, Fill from File, Bevel Object, Feather, Inner Shadow, Object Shadow, OldFeather, Outline, Paste Alpha, Switch Alpha to Gray, Switch Gray to Alpha, Combined Adjustments, Level Horizon, Remove Dust, Sharpen Landscape, Seam Carving (Horizontal/Vertical), Vignette+, Polygon/Stars, Flames, Gradients, Gird/Checkerboard, Bevel Selection, Blur Selection Edge, Feather Selection, Inner Shadow Selection, Outline Selection, Floyd-Steinberg Dithering. One palette file and 45 Shapes included. Plugin pack comes with it's own exe installer. Type: Plugin Pack   Released: 09 Oct 2018   Status: Active   Compatibility: 4.1+ DLL Name: N/A   Menu: N/A</p>
	<p>BoltBait's Seam Carving Author: BoltBait Topic: 34047</p>	<p>Effect calculates a line through your photograph with the least amount of changes and deletes that line shifting all pixels over to fill the gap. This is often called 'content aware resizing'. Type: Effect   Released: 28 Nov 2015   Status: Active   Compatibility: 4.0+ DLL Name: SeamCarving.dll   Menu: Effects &gt; Photo</p>



	<p>Border / Stroke Effect  Author: moc426  Topic: 4104</p>	<p>Draw a border around image or selection with your primary color.  Type: Effect   Released: 19 May 2007   Status: Active   Compatibility: 3.5.x  DLL Name: Border.dll   Menu: Effects &gt; Render</p>
	<p>Borders N' Shapes v1.6  Author: pyrochild  Topic: 4128</p>	<p>Draws a variety of borders and shapes. Found in Pyrochild's Plugins  Type: Effect   Released: 20 May 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Borders N' Shapes.dll   Menu: Effects &gt; Render</p>
	<p>BoxFitting  Author: NomBot  Topic: 110583</p>	<p>Recomposes an image by reassembling it from squares in many sizes which take their color from the original image.  Type: Effect   Released: 15 Nov 2016   Status: Active   Compatibility: 4.0+  DLL Name: boxfitting.dll   Menu: Effects &gt; Artistic</p>
	<p>Bricks  Author: jchunn  Topic: 8251</p>	<p>Creates brick patterns with mortar. Found in Jesse Chunn Plugin Pack.  Type: Effect   Released: 02 Nov 2008   Status: Active   Compatibility: 3.5.x  DLL Name: jchunn.dll (also contains others)   Menu: Effects &gt; Render</p>
Obsolete	<p>Brightness/ Darkness to Alpha  Author: Mike Ryan  Topic: 9988</p>	<p>Turns Brightness (or Darkness) into pure transparent goodness! Found in Mike Ryan's Plugins. Topic is locked by request: use Color to Alpha instead.  Type: Effect   Released: 22 May 2008   Status: Obsolete   Compatibility: 3.5.x, 4.0x  DLL Name: RemoveBrightDark.dll   Menu: Effects &gt; Color</p>
	<p>Brush Factory  Author: Joshua Lamusga  Topic: 110673</p>	<p>Import and use dynamic brushes with custom shapes as drawing tools. Imagine the paint brush with different tips available at your selection. Use it to create textures, or stamp out objects like grass, trees and buildings. It can be used like a spray can or be used to draw symmetrically.  Type: Effect   Released: 12 Nov 2016   Status: Active   Compatibility: 4.0+  DLL Name: BrushFactory.dll   Menu: Effects &gt; Tools</p>
	<p>Brush Filter beta v1.0  Author: Joshua Lamusga  Topic: 112018</p>	<p>Apply paint.net Adjustments and Effects with a brush. Select an effect, a brush, brush behavior and draw to apply the effect (imagine painting where the strokes reveal the filtered image). Supports dynamic brushes and custom brushes.  Type: Effect   Released: 21 Nov 2017   Status: Active   Compatibility: 4.0+  DLL Name: BrushFilter.dll   Menu: Effects &gt; Tools</p>
Unsupported	<p>Bullet  Author: Simon Brown  Topic: 11917</p>	<p>No longer supported: renders bullet holes in your image.  Type: Effect   Released: 21 Sep 2008   Status: Unsupported   Compatibility: 3.5.x  DLL Name: Bullet.dll   Menu: Effects &gt; Render</p>
	<p>Bulletin Board Trim  Author: toe_head2001  Topic: 109942</p>	<p>Surrounds the image with an edging selected from a number of patterns, spacing &amp; color. Found in toe_head2001's Plugin Pack  Type: Effect   Released: 07 Oct 2016   Status: Active   Compatibility: 4.0+  DLL Name: BulletinBoardTrim.dll   Menu: Effects &gt; Render</p>
	<p>Buttons  Author: MadJik  Topic: 13861</p>	<p>Create beautiful colored buttons with or without text &amp; symbols. Now with border width &amp; text AA. Found in Magical Plugins Megapack.  Type: Effect   Released: 02 Nov 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Boutons.dll   Menu: Effects &gt; Render</p>
	<p>CalculPatron - book folding pattern  Author: roro69  Topic: 106698</p>	<p>Plugin to assist with the creation of book folding patterns. Output is saved to an Excel workbook. Controls are in French.  Type: Effect   Released: 28 Dec 2015   Status: Active   Compatibility: 4.0+  DLL Name: PatronLivre.dll   Menu: Effects &gt; Render</p>

	<p>Calendar Creator  Author: BoltBait  Topic: 113003</p>	<p>Render a single month calendar to the canvas.  Type: Effect   Released: 15 Jul 2018   Status: Active   Compatibility: 4.0+  DLL Name: Calendar.dll   Menu: Effects &gt; Render</p>
	<p>Callicolour  Author: Red Ochre  Topic: 29451</p>	<p>Create beautiful colored ribbons by setting four control points. Many coloring options.  Type: Effect   Released: 30 Jul 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Callicolour.dll   Menu: Effects &gt; Iterative Lines</p>
	<p>Camera lens distortion correction  Author: kbarni  Topic: 7216</p>	<p>Correct the barrel or pincushion distortions in digital photos. AKA Lens Distortion  Type: Effect   Released: 12 Dec 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: kb_lens.dll   Menu: Effects &gt; Photo</p>
Obsolete	<p>CannedBrush 1.5  Author: Simon Brown  Topic: 10645</p>	<p>Automates the process of creating repeat brush strokes for Custom Brushes plugin. Removed by author.  Type: Effect   Released: 07 May 2008   Status: Obsolete   Compatibility: Untested  DLL Name: N/A   Menu: N/A</p>
	<p>Cartoonize  Author: AhmedElyamani  Topic: 25275</p>	<p>Applies dithering to simplify color differences and turn photos into cartoons. Found in Ahmed's Plugin Pack  Type: Effect   Released: 09 Mar 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Cartoonize.dll   Menu: Effects &gt; Artistic</p>
	<p>Cell Texture  Author: davidf  Topic: 25508</p>	<p>Produces a myriad of neighboring 'cells'. Hugely configurable.  Type: Effect   Released: 26 Oct 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: CellTexture.dll   Menu: Effects &gt; Render</p>
Deprecated	<p>CellMaker  Author: Ego Eram  Reputo  Topic: 8045</p>	<p>Renders x,y sized cells whose edges are entirely within a given selection. Use CellMaker Rev (the improved version). This legacy version can be found in EER's Plugin Pack  Type: Effect   Released: 31 Jan 2008   Status: Deprecated   Compatibility: 3.5.x, 4.0x  DLL Name: CellMaker.dll   Menu: Effects &gt; Render</p>
	<p>CellMaker Rev  Author: zoonel  Topic: 17292</p>	<p>Improved Cellmaker plugin with more options.  Type: Effect   Released: 12 Jun 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: CellMakerRev.dll   Menu: Effects &gt; Render</p>
	<p>Center Lines  Author: ReMake  Topic: 113928</p>	<p>Draw centerlines on the active layer either in the center of the canvas or in the center of a selection.  Type: Effect   Released: 16 Mar 2019   Status: Active   Compatibility: 4.1+  DLL Name: CenterLines.dll   Menu: Effects &gt; Tools</p>
	<p>Change Extreme Colors  Author: MadJik  Topic: 112347</p>	<p>Modify the color channels of the darkest or lightest colors in an image. Found in Magical Plugins Megapack.  Type: Effect   Released: 26 Jan 2018   Status: Active   Compatibility: 4.0+  DLL Name: ChangeExtremeColors.dll   Menu: Effects &gt; Color</p>
Incompatible	<p>Channel Mask  Author: Curtis  Topic: 8043</p>	<p>Incompatible with 4.0x. Similar to Alpha Mask but has more control over which channels to apply the mask to, and which channels to create the mask from. Found in Curtis' Plugin Pack. Three DLL's contain a number of effects.  Type: Effect   Released: 31 Jan 2008   Status: Incompatible   Compatibility: 3.5.x  DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll &amp; CurtisBlack.Common.dll   Menu: Effects &gt; Object</p>

	<p>Channel Mixer Greyscale  Author: Illnab1024  Topic: 3616</p>	<p>Mix the Red, Green, and Blue channels separately as you convert an image to greyscale. Also known as Advanced Greyscale. Found in Illnab1024's Plugins.  Type: Effect   Released: 13 Apr 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: AdvGrey.dll   Menu: Effects &gt;</p>
	<p>Channel Operations  Author: Joshua Lamusga  Topic: 29793</p>	<p>Perform a number of operations like addition, subtraction, multiplication, division etc..., on a selected red, green, blue, hue, saturation, value, or alpha channel (or rgb or hsv all at once). Channel swapping is also supported.  Type: Adjustment   Released: 22 Aug 2014   Status: Active   Compatibility: 4.0+  DLL Name: Channel_Ops.dll   Menu: Adjustments &gt;</p>
Unsupported	<p>Channels v2.0  Author: Simon Brown  Topic: 9308</p>	<p>Modify colors by channel (Red, Green Blue &amp; Alpha). Formerly InvertColours+. Found in Simon Brown's Legacy Plugin Pack.  Type: Adjustment   Released: 13 Apr 2008   Status: Unsupported   Compatibility: 3.5.x  DLL Name: Channels.dll   Menu: Adjustments &gt;</p>
	<p>Chart White Balance  Author: yvdh  Topic: 13315</p>	<p>Adjust the white balance of a picture based on the white and black patch a standard color chart in the scene.  Type: Effect   Released: 13 Jan 2008   Status: Active   Compatibility: 3.5.x  DLL Name: ChartWhiteBalance.dll   Menu: Effects &gt; Photo</p>
	<p>Charts and Graphs  Author: BoltBait  Topic: 114530</p>	<p>Create colorful graphs and charts with options to import external data. Many types are supported.  Type: Effect   Released: 20 Jun 2019   Status: Active   Compatibility: 4.2+  DLL Name: BBChart.dll   Menu: Effects &gt; Render</p>
	<p>Checkboard  Author: Simon Brown  Topic: 13797</p>	<p>Draws a checkerboard pattern similar to the one used by paint.net to show transparency.  Type: Effect   Released: 02 May 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Checkboard.dll   Menu: Effects &gt; Render</p>
	<p>ChessFEN  Author: Ego Eram  Reputo  Topic: 10782</p>	<p>Draws chessboard and position from scratch or by parsing a FEN string. Requires the Chess Merida font be installed. Found in EER's Plugin Pack.  Type: Effect   Released: 07 Dec 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ChessFEN.dll   Menu: Effects &gt; Render</p>
	<p>Chop Up and Save  Author: Martin Osieka  Topic: 27218</p>	<p>Chop the current layer into tiles and save them to individual files in a range of formats (including option to ZIP). Four files are required: place them all in /Effects/.  Type: Effect   Released: 10 Dec 2013   Status: Active   Compatibility: Untested  DLL Name: ChopUp.dll, ChopUp.dlc, OptionBasedLibrary vY.Y.dll &amp; OptionBasedLibrary vY.Y.dlc    Menu: Effects &gt; Tools</p>
	<p>Chroma Key (Green)  Author: tarheit  Topic: 12991</p>	<p>For removing the green background from an image. Updated to include Blue.  Type: Effect   Released: 12 Jun 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ChromaKeyPlugin.dll   Menu: Effects &gt; Photo</p>
	<p>Chroma Key/Green Screen  Author: mgeorgiady  Topic: 29806</p>	<p>Pair of plugins which allow for the removal of solid backgrounds from images. Simple Green Screen works with green or blue backgrounds, Simple Chroma Key with any color background.  Type: Effect   Released: 26 Aug 2014   Status: Active   Compatibility: 4.0+  DLL Name: CK_Plugin.dll and GS_Plugin.dll   Menu: Effects &gt; Photo</p>
	<p>Circle Fractal  Author: AhmedElyamani  Topic: 31789</p>	<p>Creates a circular fractal similar to a stylized snowflake. See post #16 in the thread for 3.5x version.  Type: Effect   Released: 05 Nov 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: circleFractal2.dll   Menu: Effects &gt; Render</p>

Circle Generator (CircleGen) Author: Foxkey Topic: 116383	Render diffuse circles & donuts. Type: Effect   Released: 05 Sep 2020   Status: Active   Compatibility: 4.2+ DLL Name: CircleGen.dll   Menu: Effects > Render
Circle Text Author: dpy Topic: 16347	Writes text into a circle, or on an angle. Found in dpy's Pack Type: Effect   Released: 28 Sep 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: CircleText.dll   Menu: Effects > Text Formations
Circular Text Author: xod Topic: 113205	Render text as if it was printed in a circle of constant radius. Type: Effect   Released: 09 Jul 2018   Status: Active   Compatibility: 4.1+ DLL Name: CircularText.dll   Menu: Effects > Text Formations
Clarification+ Author: AhmedElyamani Topic: 25275	Enhance detail in a photograph by adjusting the detail and saturation. Found in Ahmed's Plugin Pack Type: Effect   Released: 09 Mar 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Clarification+.dll   Menu: Effects > Photo
ClipDisplace Author: Red Ochre Topic: 32416	Uses the tone of an image held in the clipboard to distort the current layer. Type: Effect   Released: 13 Oct 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ClipDisplaceAA.dll (or ClipDisplace3_5_11.dll for pdn 3.5).   Menu: Effects > Distort
Clipwarp Author: Red Ochre Topic: 25860	Deforms a clipboard image 'around' an object. Useful for creating glass and metallic effects. Type: Effect   Released: 01 Jul 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ClipWarp.dll   Menu: Effects > Tools
ClipWarpNew Author: Red Ochre Topic: 27607	A new version of the Clipwarp plugin (this has a simpler interface). Use it to mimic glass, create metallic distortions. Has smoothing and some fun colouring options. Type: Effect   Released: 15 Dec 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ClipWarpNew.dll   Menu: Effects > Tools
Clock Plugin Author: xod Topic: 110883	Render a circular clock face. Many configurable options in very tall dialog. Type: Effect   Released: 15 Jan 2017   Status: Active   Compatibility: 4.0+ DLL Name: Clock.dll (plus two TTF files)   Menu: Effects > Render
Deprecated Clouds Plugin Author: Sepcot Topic: 1787	Creates cloud like effects using the Perlin Noise routine. Type: Effect   Released: 13 Sep 2006   Status: Deprecated   Compatibility: 3.5.x, 4.0x DLL Name: CloudEffect.dll   Menu: Effects >
Cluster Clear Author: The Number e Topic: 111555	An effect used to get rid of random ink blots on scanned pages. There are two modes; one builds clusters of pixels outside tolerance of the secondary color, the other builds clusters of pixels within tolerance of the primary color. If the cluster is within the size threshold, it is painted over with the secondary color. Type: Effect   Released: 16 Jul 2017   Status: Active   Compatibility: 4.0+ DLL Name: ClusterClearEffect.dll   Menu: Effects > Noise
CMY Ghost Author: TechnoRobbo Topic: 26485	Distorts the colors in a similar manner to Adjustments > Invert Colors, or the Psychocolor or Psychedelic plugins. Options include tweaking the colors with respect to Cyan, Magenta, Yellow and Alpha. Type: Effect   Released: 28 May 2013   Status: Active   Compatibility: 3.5.x DLL Name: CMY Ghost.dll   Menu: Effects > Color

<p>Cobweb  Author: Red Ochre  Topic: 27296</p>	<p>Randomly renders tangents to the 'tone gradient' in the layer/selection. Best applied to an image with smooth tone gradients (i.e. use a low radius blur first).  Type: Effect   Released: 11 Jan 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Cobweb.dll   Menu: Effects &gt; Artistic</p>
<p>CodeLab in Russian  Author: ReMake  Topic: 29995</p>	<p>CodeLab v1.8 (paint.net 3.5.11) and v2.22 (paint.net 4.0.6+) recompiled in Russian.  Type: Effect   Released: 09 Oct 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: CodeLab.dll   Menu: Effects &gt; Advanced</p>
<p>CodeLab v6.0  Author: Tom Jackson  Topic: 880</p>	<p>Internal tool for creating your own plugins. Developed by [member=BoltBait] and [member=toe_head2001]. Version 6.0 released 26 Jun 2020. Installer handles both Store and Classic PDN installation. Extensive documentation is available online. A Russian language version of CodeLab is made available by [member=ReMake], see <a href="http://forums.getpaint.net/index.php?topic/29995-codelab-in-russian">http://forums.getpaint.net/index.php?topic/29995-codelab-in-russian</a>  Type: Effect   Released: 03 Nov 2006   Status: Active   Compatibility: 4.2+  DLL Name: CodeLab.dll   Menu: Effects &gt; Advanced</p>
<p>Color Aberration  Author: MadJik  Topic: 19513</p>	<p>Allows you to move separately RGB channels in % or in pixels. It could be a used to create 3D pictures. Found in Magical Plugins Megapack.  Type: Effect   Released: 27 Jul 2010   Status: Active   Compatibility: Untested  DLL Name: coloraberation.dll   Menu: Effects &gt; Color</p>
<p>Color Accent  Author: KrisVDM  Topic: 8375</p>	<p>Retint an image towards greyscale using the specified hue to control the recoloring. Found in Kris VDM's Plugin Pack.  Type: Adjustment   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Vandermotten.PaintDotNetEffects.ColorAccent.dll &amp; Vandermotten.PaintDotNetEffects.dll   Menu: Adjustments &gt;</p>
<p>Color Balance  Author: BoltBait  Topic: 2667</p>	<p>Easy color correcting or tinting effect.  Type: Adjustment   Released: 17 Jan 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ColorBalance.dll   Menu: Adjustments &gt;</p>
<p>Color Balance MIX  Author: DeathStar  Topic: 15657</p>	<p>Add more color or darken/lighten the image.  Type: Effect   Released: 08 Apr 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Color Balance Mix.dll   Menu: Effects &gt; Distort</p>
<p>Color Balance+  Author: dpy  Topic: 15828</p>	<p>Enhanced color balance with Highlight, Shadow &amp; Mid Tonal adjustments. Found in dpy's Pack  Type: Adjustment   Released: 17 Aug 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: dpyColorBalance.dll   Menu: Adjustments &gt;</p>
<p>Color Channel Mixer  Author: SeriousSam  Topic: 14522</p>	<p>RGBA channel mixer with addition and scaling.  Type: Effect   Released: 04 Dec 2009   Status: Active   Compatibility: Untested  DLL Name: PDNAlphaAdj.dll   Menu: Effects &gt; Photo</p>
<p>Color Clearer  Author: MJW  Topic: 109122</p>	<p>Makes the target color to transparent and alters remaining colors to remove the target color so that Normal Blending a layer filled with the target color reproduces the original image. For 3.5.11 compatible version see post #7 in the thread.  Type: Effect   Released: 06 Jul 2016   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ColorClearer.dll   Menu: Effects &gt; Color</p>
<p>Color Count  Author: stuff_gnome  Topic: 15357</p>	<p>Counts the number of colors (or number of times a color is used) in an image.  Type: Effect   Released: 07 Aug 2009   Status: Active   Compatibility: Untested  DLL Name: ColorCount.dll   Menu: Effects &gt; Photo</p>

<p>Color Cut  Author: DataDink  Topic: 106104</p>	<p>Removes the secondary color to create a cut out with blended, non-jagged edges. Color Threshold alters the color, Shade Threshold alters shade and Alpha Falloff controls the 'hardness' of the effect.  Type: Effect   Released: 21 Dec 2015   Status: Active   Compatibility: 4.0+  DLL Name: ColorCut.dll   Menu: Effects &gt; Color</p>
<p>Color Dimmer  Author: Xhin  Topic: 25429</p>	<p>Dims the individual RGB channels.  Type: Adjustment   Released: 10 Aug 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Color Dimmer.dll   Menu: Adjustments &gt;</p>
<p>Color Filter  Author: Ed Harvey  Topic: 1768</p>	<p>Apply a colored filter with options to configure Hue, Density and Preserve Highlights. Found in Ed Harvey Effects v3.5  Type: Effect   Released: 09 Oct 2006   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EdHarvey.Effects.dll   Menu: Effects &gt; Color</p>
<p>Color Flip/Rotate  Author: Ed Harvey  Topic: 1768</p>	<p>Quickly apply a color change to the image by clicking on one of many recolored thumbnails. Also known as Color Channel Flip/Rotate. Found in Ed Harvey Effects v3.5  Type: Effect   Released: 09 Oct 2006   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EdHarvey.Effects.dll   Menu: Effects &gt; Color</p>
<p>Color Harmonies  Author: Martin Osieka  Topic: 29332</p>	<p>Easily create harmonious palettes or variants derived from a base color.  Type: Effect   Released: 21 Jul 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ColorHarmonies.Effect.dll, ColorHarmonies.Effect.dlc, OptionBasedLibrary vX.X.dll &amp; OptionBasedLibrary vX.X.dlc   Menu: Effects &gt; Tools</p>
<p>Color inpainting v1.0  Author: zarathoustra  Topic: 18112</p>	<p>Colors gray areas in a picture where colors are only known in few parts of the picture.  Type: Effect   Released: 22 Feb 2010   Status: Active   Compatibility: Untested  DLL Name: BaseUtility.dll, PdnColorInpaintingFilter.dll &amp; PdnManualColorFilter.dll   Menu: Effects &gt; Color</p>
<p>Color Intensifier  Author: Sakana Oji  Topic: 113633</p>	<p>Boost the colors in an image  Type: Effect   Released: 01 Apr 2019   Status: Active   Compatibility: 4.1+  DLL Name: ColorIntensifier.dll   Menu: Effects &gt; Color</p>
<p>Color Magic  Author: Xhin  Topic: 115062</p>	<p>Recolor an image in a variety of ways with many fine-tuning options. The plugin is designed to keep colors in reasonable proportion to one another,  Type: Effect   Released: 09 Jun 2019   Status: Active   Compatibility: 4.2+  DLL Name: Color_Magic.dll   Menu: Effects &gt; Color</p>
<p>Color Match v1.0  Author: pyrochild  Topic: 10631</p>	<p>Uses an existing image as a color template to recolor your image. Works best on photos. Found in Pyrochild's Plugins  Type: Adjustment   Released: 07 Apr 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Color Match.dll   Menu: Adjustments &gt;</p>
<p>Color Matrix  Author: Martin Osieka  Topic: 27423</p>	<p>Transform pixels under selection in the active layer using a transformation matrix to manipulate the individual RGBA channels. Many predefined matrices are included as well as the ability to save your own.  Type: Effect   Released: 15 Nov 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ColorMatrix.Effect.dll, ColorMatrix.Effect.dlc, OptionBasedLibrary vX.X.dll &amp; OptionBasedLibrary vX.X.dlc   Menu: Adjustments &gt;</p>
<p>Color Mixer v1.2  Author: Tanel  Topic: 9740</p>	<p>Make fine color adjustments with values for Red, Yellow, Green, Cyan, Blue, Magenta &amp; Base. Selectively apply to shadows, midtones or highlights. Found in Tanel's Plugin Pack.  Type: Adjustment   Released: 05 Jun 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ColorMixer.dll   Menu: Adjustments &gt;</p>

	<p>Color Modulo Author: MadJik Topic: 7186</p>	<p>Creates a highly colored and configurable banded multiple gradient. Found in Magical Plugins Megapack. Type: Effect   Released: 12 Sep 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ColorModulo.dll   Menu: Effects &gt; Texture</p>
	<p>Color Modulo texture Author: MadJik Topic: 111782</p>	<p>Originally a tool created to find out how a picture is distorted/transformed by over effects (useful with Shape 3D). Uses the color channels to create a variation (modulo) from the ranges of the sliders (mini – maxi). Red is a modulo on the x-axis, green is on the y-axis, blue is oblique. Found in Magical Plugins Megapack Type: Effect   Released: 23 Sep 2017   Status: Active   Compatibility: 4.0+ DLL Name: ColorModulo.dll   Menu: Effects &gt; Texture</p>
	<p>Color Range effect Author: ReMake Topic: 107737</p>	<p>This plugin allows you to create a mask by isolating a color subset of the original image. Colors outside of the target range will be set to transparent. Useful for selecting objects in the image by color. Also available in Russian. Based in part on the Color Target plugin by rwp80. Type: Effect   Released: 21 Mar 2016   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ColorRange_en.dll or ColorRange_ru.dll   Menu: Effects &gt; Color</p>
	<p>Color Replace Author: jchunn Topic: 8356</p>	<p>Color filter with the ability to fine tune the color and alpha channels. Type: Effect   Released: 18 Feb 2008   Status: Active   Compatibility: 3.5.x DLL Name: jchunn.dll (also contains others)   Menu: Effects &gt;</p>
	<p>Color Replacer Author: Joshua Lamusga Topic: 32423</p>	<p>Convert all pixels in the current selection from one color to another. For a pdn 3.5 compatible version see post #13. Type: Effect   Released: 14 Oct 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Replace Colors.dll   Menu: Effects &gt; Color</p>
	<p>Color Sketch Author: ReMake Topic: 107484</p>	<p>Reinterprets an image as if it had been sketched with color pencils. Plugin is the result of a full CodeLab tutorial. Available in Russian. Type: Effect   Released: 18 Feb 2016   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ColorSketch_en.dll or ColorSketch_ru.dll   Menu: Effects &gt; Artistic</p>
	<p>Color Stretch Author: rwp80 Topic: 10729</p>	<p>Color Stretch v1.0 stretch color values of pixels within specified threshold limits. Found in Color Target Plugin Pack Type: Effect   Released: 07 Oct 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ColorStretchV10.dll   Menu: Effects &gt; Color</p>
	<p>Color Target Author: rwp80 Topic: 10729</p>	<p>Color Target v1.3 retains pixels of a similar color and brightness, all other pixels are made transparent. Found in Color Target Plugin Pack Type: Effect   Released: 07 Oct 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ColorTargetV13.dll   Menu: Effects &gt; Color</p>
Plugin Pack	<p>Color Target Plugin Pack Author: rwp80 Topic: 10729</p>	<p>Effects: Color Target, Color Stretch &amp; Target Panel Type: Plugin Pack   Released: 07 Oct 2008   Status: Active   Compatibility: Untested DLL Name: N/A   Menu: N/A</p>
	<p>Color Tint Author: Ed Harvey Topic: 1768</p>	<p>Apply a color tint to the image. Options: Hue &amp; Tint amount. Found in Ed Harvey Effects v3.5 Type: Effect   Released: 09 Oct 2006   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll   Menu: Effects &gt; Color</p>
Deprecated	<p>Color to Alpha Advanced (PR1) Author: Mike Ryan Topic: 10494</p>	<p>Adjust the alpha level of your selected color while similar colors are adjusted as well. Has known bugs. Alternative: Tanel's Color to Alpha Type: Effect   Released: 28 Jun 2008   Status: Deprecated   Compatibility: 3.5.x, 4.0x DLL Name: coltoalphaadv.dll   Menu: Effects &gt; Color</p>

<p>Color to Alpha v2.2  Author: Tanel  Topic: 7767</p>	<p>Extracts a color range from image, by leaving pixels of selected color opaque and making the rest transparent. Only alpha values are altered, color remains intact. Found in Tanel's Plugin Pack.  Type: Effect   Released: 16 Jan 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ColorToAlpha.dll   Menu: Effects &gt; Color</p>
<p>Color Trimming  Author: Mike Ryan  Topic: 9959</p>	<p>Used for color correction in photographs when too much of a particular color is present. Removes a defined range of a particular color allowing for more vibrant colors to be displayed. Found in Mike Ryan's Plugins  Type: Effect   Released: 19 May 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ColorTrimming.dll   Menu: Effects &gt; Color</p>
<p>Color Zoom Blur  Author: MadJik  Topic: 19360</p>	<p>Based on the zoom blur effect, but you are able to handle the color channels separately. Found in Magical Plugins Megapack.  Type: Effect   Released: 07 Nov 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ColorZoomBlur.dll   Menu: Effects &gt; Blurs</p>
<p>Colorblindness Simulation  Author: pascal  Topic: 116566</p>	<p>Simulate different types of colorblindness including tritanopia. Comes with *.bat installer.  Type: Effect   Released: 06 Aug 2020   Status: Active   Compatibility: 4.2+  DLL Name: Colorblindness2.dll   Menu: Effects &gt; Color</p>
<p>ColorExchange  Author: metobi  Topic: 27085</p>	<p>Exchange one color channel for another.  Type: Effect   Released: 09 Nov 2013   Status: Active   Compatibility: 3.5.x  DLL Name: ColorExchange.dll   Menu: Effects &gt; Color</p>
<p>Colour Chop  Author: n d  Topic: 19657</p>	<p>Similar to other colour cutting effects, but this creates a smoother transition from transparent &lt;-&gt; opaque  Type: Adjustment   Released: 14 Aug 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: colourchop3.dll   Menu: Adjustments &gt;</p>
<p>Colour Distort  Author: Anaco  Topic: 16423</p>	<p>Subtracts the red blue green by x+y or x-y or x*y depending on the option you select and then divides it by the amount you specified.  Type: Effect   Released: 10 Apr 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Colour Distort.dll   Menu: Effects &gt; Distort</p>
<p>Colourblind Simulation  Author: n d  Topic: 19780</p>	<p>Ensure your image is legible for colour blind.  Type: Adjustment   Released: 27 Aug 2010   Status: Active   Compatibility: Untested  DLL Name: colourblindsim.dll   Menu: Adjustments &gt;</p>
<p>Combined Adjustments  Author: BoltBait  Topic: 115814</p>	<p>BoltBait's combination of Brightness/Contrast, Hue/Saturation/Lightness and Black &amp; White+ plugins all in one easy to access adjustment. Shortly to be included in BoltBait's plugin pack.  Type: Adjustment   Released: 01 Jul 2020   Status: Active   Compatibility: 4.2+  DLL Name: CombinedAdjustments.dll   Menu: Adjustments &gt;</p>
<p>Combined Photo Adjustments  Author: BoltBait  Topic: 17810</p>	<p>Combines a number of photo adjustments (like Noise Reduction, Brightness/Contrast, Hue, Saturation) within one handy to use effect.  Type: Effect   Released: 19 Jan 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PhotoAdjustments.dll   Menu: Effects &gt; Photo</p>
<p>Compo Grids  Author: Red Ochre  Topic: 110638</p>	<p>Renders a range of geometrical grids as an optical aid in design and proportion.  Type: Effect   Released: 29 Nov 2016   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: CompoGrids.dll   Menu: Effects &gt; Composition</p>



Composition tool Author: Red Ochre Topic: 22810	Tool to help with cropping/rotating of photos (i.e. composition grids to help line up important features). Also has configurable aspect ratio with a range of preset sizes. Found in Red Ochre's Plugin Pack Type: Effect   Released: 10 Mar 2011   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Compotool.dll   Menu: Effects > Photo	
Conditional Effects Author: cookies Topic: 19986	Gives you the ability to run 6 effects, in the order, and only affect the colors matching the set conditions. Type: Adjustment   Released: 24 Sep 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ConditionalEffects.dll   Menu: Adjustments >	
Conditional Hue/Saturation Author: evanolds Topic: 885	Adjust hue and saturation by setting range and conditions. Found in Evan's Effects v1.1. Type: Adjustment   Released: 03 Dec 2006   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: CondHSAdj.dll   Menu: Adjustments >	
Unsupported	ConditionalPen 1.1 Author: Simon Brown Topic: 10808	Provides a brush that will only function when a pixel is within the given min/max threshold. Used to be found in Simon Brown's Legacy Plugin Pack but is no longer available. Type: Effect   Released: 13 Jul 2008   Status: Unsupported   Compatibility: 3.5.x DLL Name: ConditionalPen.dll   Menu: Effects > Tools
	Content Aware Fill Author: null54 Topic: 112730	Replaces the contents of a selection with pixels that are the closest match sampled from areas outside the selection. Can be used to seamlessly remove elements from an image. Type: Effect   Released: 21 Apr 2018   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ContentAwareFill.dll   Menu: Effects > Selection
Contour Author: Red Ochre Topic: 22500	Splits an image into bands based on the tone value, with a variety of colouring options. Found in Red Ochre's Plugin Pack Type: Effect   Released: 25 Aug 2011   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Contour.dll   Menu: Effects > Artistic	
Convolution Effect Author: SeriousSam Topic: 14573	Modifies each pixel by comparison to neighboring pixels. 3x3 matrix is fully configurable. Type: Effect   Released: 16 Apr 2009   Status: Active   Compatibility: 3.5.x DLL Name: ConvolutionEffect.dll   Menu: Effects > Photo	
Convolution Filter Author: ArgusMagnus Topic: 32295	Apply a variable sized convolution filter to a selection or layer. Includes ability to save and load customized filters (click on Presets). Type: Effect   Released: 15 Sep 2015   Status: Active   Compatibility: 4.0+ DLL Name: ArgusPaintNet.Convolution.dll & ArgusPaintNetShared.dll   Menu: Effects > Advanced	
Coordinate Plane Points Author: toe_head2001 Topic: 109944	Writes multiple pixel coordinates onto the active layer from the center outwards. Spacing is controlled by Step value. Overlay dictates opacity of white background. No separate topic, only found in Toe-Head2001's plugin pack. Type: Effect   Released: 22 Aug 2016   Status: Active   Compatibility: 4.0+ DLL Name: CoordinatePlanePoints.dll   Menu: Effects > Render	
Coordinate Tracer Plotting Author: Wither Topic: 115531	Plot points on an image by rendering crosshairs & coordinates to the canvas. Type: Effect   Released: 20 Nov 2019   Status: Active   Compatibility: 4.2+ DLL Name: PointFinder.dll   Menu: Effects > Render	
Copy Selection Coords Author: toe_head2001 Topic: 107660	Copies the current selection coordinates to the clipboard in the format: left, top, width, height. NB plugin link is in post #3 of the thread. Type: Effect   Released: 14 Mar 2016   Status: Active   Compatibility: 4.0+ DLL Name: CopySelectionCoords.dll   Menu: Effects > Tools	

Unsupported	Create Image-Map Author: Simon Brown Topic: 11607	Provides an interface for constructing an HTML image map. Found in Simon Brown's Legacy Plugin Pack. Type: Effect   Released: 31 Aug 2008   Status: Unsupported   Compatibility: 3.5.x DLL Name: CreatelImageMap.dll   Menu: Effects > Image Application
	Creative Text Pro Author: BoltBait Topic: 115953	Apply professional textures to an installed font or existing object to give it a 3D appearance. Dozens of textures built in like chrome, gold, copper, brass, woodgrain, stone, animal skins and many more. Co-Authored by WelshBlue. v1.1 released 10 Feb 2020. Part of BoltBait's plugin pack. Type: Effect   Released: 02 Oct 2020   Status: Active   Compatibility: 4.2+ DLL Name: CreativeTextPro.dll   Menu: Effects > Text Formations
	Cross-Processing Author: Ed Harvey Topic: 18811	Classic film effect; Increased contrast, weird color shifts & tints. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll & EdHarvey.Effects.pdb   Menu: Effects > Photo
Filetype	CSV (comma separated values) Filetype Author: Ego Eram Reputo Topic: 31674	Saves the image as a text file containing the pixel RGBA information in numeric format. Found in EER's Plugin Pack. Type: Filetype   Released: 28 Mar 2015   Status: Active   Compatibility: 4.0+ DLL Name: CSVFiletype.dll   Menu: N/A
	Cubic Transformation Author: Xhin Topic: 115122	Distorts an image using Pyramid, Tube, Convex & Concave settings amongst many other options. Type: Effect   Released: 16 Sep 2019   Status: Active   Compatibility: 4.2+ DLL Name: Cubic_Transformation.dll   Menu: Effects > Distort
	Cuboids Author: Red Ochre Topic: 31653	Turns an image into rectangular areas with the illusion of depth. The effect is adjustable between simple pixelating and one point perspective images resembling tower blocks. Type: Effect   Released: 22 Mar 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Cuboids.dll   Menu: Effects > Iterative Lines
	Curly Lines Author: davidf Topic: 25591	Render all kinds of curly (and straight) lines. Intimidating UI is well explained in companion PDF. Type: Effect   Released: 11 Dec 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: CurlyLines.dll   Menu: Effects > Render
Plugin Pack	Curtis' Plugin Pack Author: Curtis Topic: 8043	Effects: Tile image, Jumble, Selective palette, Equations, Effects Lab, Fern Fractal, Channel Mask, Displacement Map, Blur Map, Dots, Rounded Rectangle. To install, extract and place all three DLL files in your paint.net/Effects/ folder. Type: Plugin Pack   Released: 31 Jan 2008   Status: Active   Compatibility: 3.5.x DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll & CurtisBlack.Common.dll   Menu: N/A
	Curves+ v2.10 Author: pyrochild Topic: 3749	A more powerful version of the Curves adjustment that comes with paint.net. Found in Pyrochild's Plugins Type: Adjustment   Released: 23 Apr 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Curves+.dll   Menu: Adjustments >
Obsolete	Custom Brushes 5.1.5 Author: Simon Brown Topic: 8576	Obsolete. Use CustomBrushesMini. Type: Effect   Released: 03 Mar 2008   Status: Obsolete   Compatibility: Untested DLL Name: CustomBrushes.dll   Menu: N/A
Obsolete	CustomBrushesMini 1.0 RC3 Author: Simon Brown Topic: 14627	Superseded. Use CustomBrushesMini. Type: Effect   Released: 26 Apr 2009   Status: Obsolete   Compatibility: Untested DLL Name: Unknown   Menu: N/A

	<p>CustomBrushesMini v2.1  Author: Simon Brown  Topic: 27937</p>	<p>Draw with customized brushes. Replaces previous incarnations of Custom Brushes. Found in Simon Brown's Plugin Pack.  Type: Effect   Released: 19 May 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: CustomBrushesMini.dll &amp; CustomBrushesMini.pdb   Menu: Effects &gt; Tools</p>
	<p>CustomFrame 1.5  Author: Simon Brown  Topic: 9147</p>	<p>Add a pre-created frame to your image.  Type: Effect   Released: 04 Apr 2008   Status: Active   Compatibility: 3.5.x  DLL Name: CustomFrame.dll   Menu: Effects &gt; Render</p>
Unsupported	<p>CustomTexture v1.0  Author: Simon Brown  Topic: 10202</p>	<p>Incompatible with 4.0x. Apply a custom texture to an image while maintaining the saturation. Found in Simon Brown's Plugin Pack.  Type: Effect   Released: 06 Aug 2008   Status: Unsupported   Compatibility: 3.5.x  DLL Name: Texture.dll   Menu: Effects &gt; Stylize</p>
	<p>Cut Color  Author: xmario  Topic: 18769</p>	<p>Cuts one color &amp; shades of it from your image. Choose color to leave &amp; pixels of a different color are changed to transparent (or black and white).  Type: Effect   Released: 28 Apr 2010   Status: Active   Compatibility: 3.5.x  DLL Name: xmario_cut_color_en.dll   Menu: Effects &gt; Color</p>
Obsolete	<p>Cutout Effect  Author: Illnab1024  Topic: 1533</p>	<p>Broken. A newer version is available in Illnab1024's Plugins, however this also seems to be non-functional.  Type: Effect   Released: 08 Feb 2006   Status: Obsolete   Compatibility: 3.5.x  DLL Name: CutoutEffect.dll   Menu: Effects &gt; Render</p>
Obsolete	<p>Cutout Effect  Author: Illnab1024  Topic: 8677</p>	<p>Broken. Alternative can be found in Illnab1024's Plugins  Type: Effect   Released: 03 Sep 2008   Status: Obsolete   Compatibility: Untested  DLL Name: illnabPlugins.dll   Menu: Effects &gt;</p>
	<p>Cutter  Author: MOP3E  Topic: 29942</p>	<p>Create an image map with this simple intuitive interface. Select regions of the image and save the necessary sub-images and code to recreate the original image. A number of code formats are supported including HTML.  Type: Effect   Released: 30 Aug 2014   Status: Active   Compatibility: 4.0+  DLL Name: CutterPlugin.dll   Menu: Effects &gt; Tools</p>
	<p>Cyanotype  Author: KrisVDM  Topic: 8375</p>	<p>Recolor an image to white + cyan. Found in Kris VDM's Plugin Pack.  Type: Adjustment   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Vandermotten.PaintDotNetEffects.Monochromes.dll &amp; Vandermotten.PaintDotNetEffects.dll   Menu: Adjustments &gt;</p>
	<p>Cycle HSV  Author: TechnoRobbo  Topic: 26485</p>	<p>Rotate color values according to Hue, Saturation and Value (Brightness).  Type: Effect   Released: 06 Oct 2013   Status: Active   Compatibility: 3.5.x  DLL Name: CycleHSV.dll   Menu: Effects &gt; Color</p>
Integrated	<p>DDS File Support  Author: Dean Ashton  Topic: 1348</p>	<p>Enables DDS file loading &amp; saving. Included paint.net 3.1+. Forum thread no longer exists.  Type: Filetype   Released: 07 Aug 2006   Status: Integrated   Compatibility: 3.5.x  DLL Name: None   Menu: N/A</p>
Bundled	<p>DDS FileType Plus  Author: null54  Topic: 111731</p>	<p>NOTE: This plugin is bundled with Paint.NET 4.2.2 and later. The plugin provided extension to the internal DDS FileTypes, allowing paint.net to open and save the some DDS formats introduced in DirectX 10 and later. Source code has been made available on GitHub.  Type: Filetype   Released: 09 Mar 2017   Status: Bundled   Compatibility: 4.0+  DLL Name: DdsFileTypePlus.dll, and one of DdsFileTypePlusIO_x64.dll or DdsFileTypePlusIO_x86.dll   Menu: N/A</p>

	<p>Dents Classic Author: Ed Harvey Topic: 9296</p>	<p>The original version of the Dents effect. This version has a more complex UI than the one built into paint.net, and adds Stretch and Edge Behaviour options Type: Effect   Released: 04 Dec 2008   Status: Active   Compatibility: 4.0+ DLL Name: EdHarvey.Effects.Archives.DentsClassic.dll   Menu: Effects &gt; Distort</p>
Unsupported	<p>Desktop Background Preview Author: Simon Brown Topic: 9693</p>	<p>Allows you to preview potential images as a desktop wallpaper. Found in Simon Brown's Legacy Plugin Pack. Type: Effect   Released: 05 Mar 2008   Status: Unsupported   Compatibility: 3.5.x DLL Name: DesktopBackgroundPreview.dll   Menu: Effects &gt; Image Application</p>
	<p>Detect plugin problems v1.0 Author: Simon Brown Topic: 14720</p>	<p>External program which diagnoses why effect and filetype plugins may not be working. Type: External Resource   Released: 05 May 2009   Status: Active   Compatibility: Untested DLL Name: pluginproblems.exe   Menu: N/A</p>
New	<p>Deviation To Alpha Author: felix-hilden Topic: 117652</p>	<p>Converts pixels to a single color and adjusts the alpha value based on deviation from that color. Essentially it's a grayscale to alpha converter, capable of extracting black or white objects from a background of the other color, but it could be used with other colors as well. Type: Effect   Released: 11 Jan 2021   Status: New   Compatibility: 4.2+ DLL Name: deviation-to-alpha.dll   Menu: Effects &gt; Color</p>
	<p>Diagonal Lines v2.0 Author: jsonchiu Topic: 5550</p>	<p>Renders diagonal lines, frequency, brush width, antialias level &amp; angle are all configurable. DLL compiled by EER (21 Feb 2013) from posted source as download link has died. Type: Effect   Released: 20 Aug 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Diagonal Lines.dll   Menu: Effects &gt; Render</p>
Filetype	<p>DICOM FileType Author: Rapido Topic: 110997</p>	<p>Adds loading support for DICOM image files (Digital Imaging and Communications in Medicine). The format is used for medical imagery. NB: place both *.dll files into /Filetypes/ Type: Filetype   Released: 02 Nov 2017   Status: Active   Compatibility: 4.0+ DLL Name: DicomFileType.dll &amp; EvilDICOM.dll   Menu: N/A</p>
	<p>Dimensions Author: BoltBait Topic: 112948</p>	<p>Renders dimensioning arrows. NOTE: the plugin will NOT provide an accurate measure of anything. It simply draws the arrows. Type: Effect   Released: 07 Jan 2018   Status: Active   Compatibility: 4.0+ DLL Name: Dimensions.dll   Menu: Effects &gt; Render</p>
	<p>Directional Blur Author: HorridoJoho Topic: 27726</p>	<p>Applies a directional blur. Much like Motion Blur, but faster. Type: Effect   Released: 14 Jan 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: DirectionalBlur.dll &amp; DirectionalBlur.pdb   Menu: Effects &gt; Blurs</p>
	<p>Displacement Author: MadJik Topic: 7186</p>	<p>Displace an image in X and Y directions. Has rendering issues. Found in Magical Plugins Megapack. Type: Effect   Released: 12 Sep 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Displacement.dll   Menu: Effects &gt; Distort</p>
	<p>Displacement and Alpha Mask Author: Bleek II Topic: 9869</p>	<p>Distorts an image based on the light values of the mask. Type: Effect   Released: 14 May 2008   Status: Active   Compatibility: 3.5.x DLL Name: Alpha-Displacement Mask.dll   Menu: Effects &gt;</p>

Incompatible	Displacement Map Author: Curtis Topic: 8043	Incompatible with 4.0x. Pixels are offset by the amount determined by the map channel and the displacement slider, and are offset in the direction of the angle chooser. Found in Curtis' Plugin Pack. Three DLL's contain a number of effects. Type: Effect   Released: 31 Jan 2008   Status: Incompatible   Compatibility: 3.5.x DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll & CurtisBlack.Common.dll   Menu: Effects > Distort
	Display Color Change Direction Author: MJW Topic: 31820	Reinterprets an image into a recolored version using multiple hues shifted from the original. Source available. See post #41 for 3.5x version. Type: Effect   Released: 21 May 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: DisplayColorChangeDirection.dll   Menu: Effects > Stylize
	Dissolve 1.3 Author: APSHredder Topic: 15982	Dissolves one image onto another. Type: Effect   Released: 29 Aug 2009   Status: Active   Compatibility: Untested DLL Name: Dissolve.dll   Menu: Effects > Distort
	Distort This! Author: toe_head2001 Topic: 111622	This is an update of TR's Distort This! with additional features and optimizations. Distort a layer using four control points. Useful for distorting, stretching or skewing. Type: Effect   Released: 08 May 2017   Status: Active   Compatibility: 4.0+ DLL Name: DistortThis.dll   Menu: Effects > Distort
	Distorting Mirror Author: MadJik Topic: 19440	Effect similar to the distorting mirror you find at a fairground. Found in Magical Plugins Megapack. Type: Effect   Released: 19 Jul 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: DistortingMirror.dll   Menu: Effects > Distort
Integrated	Distortion Effects (4 effects) Author: Rick Brewster Topic: 925	The effects Bulge, Polar Inversion, Tile Reflection & Twist are now included paint.net as of version 2.70 + Type: Effect   Released: 22 Mar 2006   Status: Integrated   Compatibility: Untested DLL Name: N/A   Menu: N/A
	Dither - Atkinson Halftone Author: Ed Harvey Topic: 3728	This effect DOES NOT work correctly if you have any selection active. It should ONLY be used on whole layers. Found in Ed's Egregious Effects Type: Effect   Released: 21 Apr 2007   Status: Active   Compatibility: Untested DLL Name: Unknown   Menu: Effects > Ed-gregious
	Dither - Floyd-Steinberg Halftone Author: Ed Harvey Topic: 3728	This effect DOES NOT work correctly if you have any selection active. It should ONLY be used on whole layers. Found in Ed's Egregious Effects Type: Effect   Released: 21 Apr 2007   Status: Active   Compatibility: Untested DLL Name: Unknown   Menu: Effects > Ed-gregious
	Donut Distortion Author: MadJik Topic: 23400	Distort the area between two concentric circles. Found in Magical Plugins Megapack. Type: Effect   Released: 12 Apr 2011   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Donut.dll   Menu: Effects > Distort
	Dot Plugin Author: davidf Topic: 25461	Reduce an image to monochrome comprised of dark dots on a light background. Type: Effect   Released: 17 Oct 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Dot.dll   Menu: Effects > Artistic
	DotMatrix Author: NomBot Topic: 110641	Reinterpret an image as if it was composed from colored dots with highlighting and shadowing. Type: Effect   Released: 12 Jan 2016   Status: Active   Compatibility: 4.0+ DLL Name: DotMatrix.dll   Menu: Effects > Stylize

	<p>Dots Author: Curtis Topic: 8043</p>	<p>Turn image into a grid of dots. Options to adjust the size and highlighting. Found in Curtis' Plugin Pack. Three DLL's contain a number of effects. Type: Effect   Released: 31 Jan 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll &amp; CurtisBlack.Common.dll   Menu: Effects &gt; Stylize</p>
Plugin Pack	<p>Dpy's Pack Author: dpy Topic: 16643</p>	<p>Effects: Black and Alpha+, Color Balance+, Multi-Threshold, Rotate_Zoom+, Perspective Effect, AA's Assistant, Metallize, Text+, Circle Text, Rotate Text, Spiral Text &amp; Wave Text, Speech Bubble, 1px Expansion, Alpha to 0, Alpha to 255 Type: Plugin Pack   Released: 26 Oct 2009   Status: Active   Compatibility: 3.5.x DLL Name: N/A   Menu: N/A</p>
	<p>Dr Scott's Markup Renderer Author: Ego Eram Reputo Topic: 31446</p>	<p>Render markup including web pages, tables, text, XML and complex mathematical equations (MathML, TeX or LaTeX formats) straight to the paint.net canvas. Note: rendering of math equations requires an internet connection. Found in EER's Plugin Pack. Type: Effect   Released: 24 Jan 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: MarkupRenderer.dll   Menu: Effects &gt; Advanced</p>
	<p>Dragan Effect Author: ReMake Topic: 110475</p>	<p>Simulates the photographic effect made famous by Polish physicist and photographer Andrzej Dragan. The effect enhances the depth of the person and their character by enhancing facial features. Type: Effect   Released: 20 Oct 2016   Status: Active   Compatibility: 4.0+ DLL Name: DraganEffect_en.dll   Menu: Effects &gt; Artistic</p>
	<p>DragFrom Author: Simon Brown Topic: 21031</p>	<p>Lets you upload images using drag and drop. Requires a capable browser such as Firefox and site such as Imgur or min.us. Type: Effect   Released: 13 Feb 2011   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: DragFrom.dll   Menu: Effects &gt; Tools</p>
	<p>Dream Author: BoltBait Topic: 8318</p>	<p>Adds a 'dreamy' or softening filter to the image. Found in BoltBait's Plugin Pack Type: Effect   Released: 19 Oct 2006   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Dream.dll   Menu: Effects &gt; Artistic</p>
	<p>Drop Ripple Author: Ed Harvey Topic: 18811</p>	<p>Mimic top-down view of water ripples as if an object was dropped into a still pool of water. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Distort</p>
	<p>Drop Shadow Author: KrisVDM Topic: 8375</p>	<p>Creates a highly configurable shadow around an object. Found in Kris VDM's Plugin Pack. Type: Effect   Released: 19 Feb 2008   Status: Active   Compatibility: Untested DLL Name: Vandermotten.PaintDotNetEffects.DropShadow.dll &amp; Vandermotten.PaintDotNetEffects.dll   Menu: Effects &gt; Object</p>
Obsolete	<p>Drop Shadow Author: KrisVDM Topic: 1143</p>	<p>Superseded by a later release Found in Drop Shadow &amp; Effects. Type: Effect   Released: 25 May 2006   Status: Obsolete   Compatibility: 3.5.x, 4.0x DLL Name: Unknown   Menu: N/A</p>
	<p>Droste Author: toe_head2001 Topic: 32240</p>	<p>Based on the unpublished Droste plugin by [member=PJayTycy]. The Droste effect describes a type of recursive picture where the image contains smaller examples of itself tiled in a logarithmic spiral. Note: MathNet.Iridium.dll is no longer required. Type: Effect   Released: 09 Jan 2015   Status: Active   Compatibility: 4.0+ DLL Name: Droste.dll   Menu: Effects &gt; Distort</p>

	<p>Dryad  Author: Red Ochre  Topic: 28662</p>	<p>Creates a variety of organic, tree-like branching patterns in a wonderful array of palettes.  Type: Effect   Released: 13 Jun 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Dryad.dll   Menu: Effects &gt; Iterative Lines</p>
	<p>Dull  Author: StormWare  Topic: 17982</p>	<p>Dulls an image. Ranges from 0 (full color) to 170 (completely Grayscale).  Type: Effect   Released: 02 Jul 2010   Status: Active   Compatibility: 3.5.x  DLL Name: Dull.dll   Menu: Effects &gt;</p>
	<p>Duotone Gradient Mapping  Author: pascal  Topic: 116694</p>	<p>Gradient mapping using 2 colors to represent dark and light tones. Post processing options include contrast and blend mode.  Type: Effect   Released: 02 Jul 2020   Status: Active   Compatibility: 4.2+  DLL Name: DuotoneGradientMap.dll   Menu: Effects &gt; Color</p>
	<p>Duotone Ink on Paper  Author: KrisVDM  Topic: 8375</p>	<p>Tint an image to black and a combination of with two selected hues. Does not change white areas. Found in Kris VDM's Plugin Pack.  Type: Adjustment   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Vandermotten.PaintDotNetEffects.Duotones.dll &amp; Vandermotten.PaintDotNetEffects.dll   Menu: Adjustments &gt;</p>
	<p>Duotone Light  Author: KrisVDM  Topic: 8375</p>	<p>Tint an image to black and a combination of with two selected hues. Does not change partially transparent areas. Found in Kris VDM's Plugin Pack.  Type: Adjustment   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Vandermotten.PaintDotNetEffects.Duotones.dll &amp; Vandermotten.PaintDotNetEffects.dll   Menu: Adjustments &gt;</p>
	<p>Dynamic Contrast  Author: ReMake  Topic: 117538</p>	<p>Similar to the Photoshop's Dynamic Contrast filter, which allows the creation of high contrast images. Discussion of the color theory is a nice additional touch. Source code provided.  Type: Adjustment   Released: 18 Dec 2020   Status: Active   Compatibility: 4.2+  DLL Name: DynamicContrast.dll   Menu: Adjustments &gt;</p>
Filetype	<p>EA FSH Filetype  Author: null54  Topic: 24482</p>	<p>Loads and saves the FSH format used by Electronic Arts games.  Type: Filetype   Released: 26 Mar 2012   Status: Active   Compatibility: Untested  DLL Name: FSHfiletype.dll, and one of squish_x64.dll or squish_Win32.dll   Menu: N/A</p>
	<p>Earths and Greys  Author: Red Ochre  Topic: 22500</p>	<p>Simplifies an image based on tonal value and recolors it with a choice of palettes. Found in Red Ochre's Plugin Pack  Type: Effect   Released: 25 Aug 2011   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Earths&amp;Greys.dll   Menu: Effects &gt; Color</p>
Obsolete	<p>EasyWatermark  Author: Simon Brown  Topic: 8233</p>	<p>Superseded by new release, see PDNWatermark.  Type: Effect   Released: 02 Nov 2008   Status: Obsolete   Compatibility: Untested  DLL Name: N/A   Menu: N/A</p>
Obsolete	<p>Ed Harvey Effects  Author: Ed Harvey  Topic: 7333</p>	<p>Superseded by a later release  Type: Plugin Pack   Released: 21 Dec 2007   Status: Obsolete   Compatibility: Untested  DLL Name: Unknown   Menu: Unknown</p>
Obsolete	<p>Ed Harvey Effects (v3.30 Beta 1)  Author: Ed Harvey  Topic: 8539</p>	<p>Superseded by a later release  Type: Plugin Pack   Released: 03 Jan 2008   Status: Obsolete   Compatibility: Untested  DLL Name: Unknown   Menu: Unknown</p>

Obsolete	Ed Harvey Effects (v3.30) Author: Ed Harvey Topic: 9297	Superseded by a later release Type: Plugin Pack   Released: 13 Apr 2008   Status: Obsolete   Compatibility: Untested DLL Name: Unknown   Menu: Unknown
Plugin Pack	Ed Harvey Effects Archive Author: Ed Harvey Topic: 9296	Some of the effects in the Ed Harvey Effects package have been incorporated in paint.net. However, in some instances the built-in versions have a simpler interface or less features. The original effects will be archived here for anyone who really needs them. Type: Plugin Pack   Released: 13 Apr 2008   Status: Active   Compatibility: 3.5.x DLL Name: N/A   Menu: N/A
Deprecated	Ed Harvey Effects v 3.5 Author: Ed Harvey Topic: 18811	The latest version of the Ed Harvey Effects package. Effects: Simplify, Splinter, True Blur, Color Filter, Color Channel Flip/Rotate, Color Tint, Extract Channel, Filtered Black and White, Invert Intensity, Single Hue, Solarize, Threshold, Vitrious, White Balance, Drop Ripple, Glass Blocks, InsideOut, Lens, MultiView, Pixelate (Hexagonal), Pixelate (Cairo Pentagonal), Ripple, Wobble, Cross-Processing, Vignette, Lattice, Weave, Halftone, Seismograph, Soft Saturation. Type: Plugin Pack   Released: 05 Mar 2010   Status: Deprecated   Compatibility: 3.5.x DLL Name: EdHarvey.Effects.dll   Menu: N/A
Obsolete	Ed Harvey Effects v3.36 Author: Ed Harvey Topic: 11520	Superseded by a later release Type: Plugin Pack   Released: 27 Aug 2008   Status: Obsolete   Compatibility: Untested DLL Name: N/A   Menu: N/A
Plugin Pack	Ed Harvey Effects v4.0 Author: Ed Harvey Topic: 18811	4.0x version of the Ed Harvey Effects package. Effects: Simplify, Splinter, True Blur, Color Filter, Color Channel Flip/Rotate, Color Tint, Extract Channel, Filtered Black and White, Invert Intensity, Single Hue, Solarize, Threshold, Vitrious, White Balance, Drop Ripple, Glass Blocks, InsideOut, Lens, MultiView, Pixelate (Hexagonal), Pixelate (Cairo Pentagonal), Ripple, Wobble, Cross-Processing, Vignette, Lattice, Weave, Halftone, Seismograph, Soft Saturation. Type: Plugin Pack   Released: 20 Jun 2014   Status: Active   Compatibility: 4.0+ DLL Name: EdHarvey.Effects.dll   Menu: N/A
Deprecated	Ed Harvey's FastFx Author: Ed Harvey Topic: 18819	These are replacements for existing paint.net effects that have been optimized for speed (Fast Blur, Pencil Sketch, Glow, Soften Portrait & Hue / Saturation). Type: Plugin Pack   Released: 05 Apr 2010   Status: Deprecated   Compatibility: 3.5.x DLL Name: EdHarvey.FastFx.dll, EdHarvey.FastFx.pdb and one of FastBlur_x64.dll or FastBlur_x86.dll   Menu: Effects > FastFx
Plugin Pack	Ed Harvey's FastFx v4.0 Author: Ed Harvey Topic: 18819	4.0x versions of Ed Harvey's FastFx effects. Effects: Fast Blur, Pencil Sketch, Glow, Soften Portrait & Hue / Saturation. Type: Plugin Pack   Released: 20 Jun 2014   Status: Active   Compatibility: 4.0+ DLL Name: EdHarvey.FastFx.dll, EdHarvey.FastFx.pdb and one of FastBlur_x64.dll or FastBlur_x86.dll   Menu: Effects > FastFx
Plugin Pack	Ed's Egregious Effects Author: Ed Harvey Topic: 3728	These effects DO NOT work correctly if you have any selection active. They should ONLY be used on whole layers. Effects: Fast Blur, Dither - Floyd-Steinberg Halftone, Dither - Atkinson HalfTone. Type: Plugin Pack   Released: 21 Apr 2007   Status: Active   Compatibility: Untested DLL Name: Unknown   Menu: Effects > Ed-gregious
	Edge Detect+ Author: ArgusMagnus Topic: 32327	Uses an edge detection algorithm to draw edges with given colors. Sets the other pixels to transparent. Type: Effect   Released: 24 Sep 2015   Status: Active   Compatibility: 4.1+ DLL Name: ArgusPDN.EdgeDetect.dll   Menu: Effects > Stylize
	Edge Detection Author: null54 Topic: 32327	Updated by Null54 to work with PDN 4.1+. Use an edge detection algorithm to find and render edges with given colors. Other pixels are set to transparent. Copy both dll's into the /Effects/ folder. Type: Effect   Released: 18 Sep 2018   Status: Active   Compatibility: 4.1+ DLL Name: ArgusPaintNet.EdgeDetection.dll and ArgusPaintNet.Shared.dll   Menu: Effects > Stylize



	<p>Edge Expander  Author: MJW  Topic: 107026</p>	<p>Finds edges in the image or selection (edges are defined as pixels above an opacity threshold which border pixels below the threshold) and expands the edge by a specified distance (from the original). Each expanded edge pixel is set to the color of the nearest edge pixel. The transparency depends on the distance from the edge.  Type: Effect   Released: 21 Jan 2016   Status: Active   Compatibility: 4.0+  DLL Name: EdgeExpander.dll   Menu: Effects &gt; Object</p>
	<p>Edgemaster  Author: n d  Topic: 19682</p>	<p>Edge detection effect.  Type: Effect   Released: 16 Aug 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: edgemaster.dll   Menu: Effects &gt;</p>
Obsolete	<p>EdHarvey Effects  Author: Ed Harvey  Topic: 3724</p>	<p>Superseded by new version  Type: Plugin Pack   Released: 21 Apr 2007   Status: Obsolete   Compatibility: Untested  DLL Name: Unknown   Menu: Unknown</p>
	<p>Editable Text v1.0  Author: Simon Brown  Topic: 10056</p>	<p>Note: Beta. Alternative text-tool that includes editable text. Works by using Steganography to store the details of the text in the text layer. Formerly: Re-Editable Text (BETA). Found in Simon Brown's Plugin Pack.  Type: Effect   Released: 28 May 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EditableText.dll &amp; EditableText.pdb   Menu: Effects &gt; Tools</p>
	<p>Effects Lab  Author: Curtis  Topic: 8043</p>	<p>Run another effect through a filter. Useful search box helps find effects by name. Found in Curtis' Plugin Pack. Three DLL's contain a number of effects.  Type: Effect   Released: 31 Jan 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll &amp; CurtisBlack.Common.dll   Menu: Effects &gt; Advanced</p>
	<p>Egalize  Author: PhilipLB  Topic: 8631</p>	<p>Egalize modifies the colors, so they are used in the same amount.  Type: Effect   Released: 03 Jun 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Egalize.dll   Menu: Effects &gt; Photo</p>
Plugin Pack	<p>Ego Eram Reputo's Plugin Pack  Author: Ego Eram Reputo  Topic: 110145</p>	<p>Compilation pack of EER's plugins. Features Cellmaker, ChessFEN, Dr Scott's Markup Renderer, Fibonacci Fill, MathLaTeX, Organigram, Planetoid, Polaroid Frame, StickMan, TileWorld, WhichSymbol+ and CSV Filetype. Contains 31 miscellaneous Shapes. Installer package written by BoltBait.  Type: Plugin Pack   Released: 08 Jun 2016   Status: Active   Compatibility: 4.0+  DLL Name: EER's Plugin Pack.exe   Menu: N/A</p>
	<p>Eigen Blur v1.3  Author: Neil Cassidy  Topic: 16319</p>	<p>Improved Gaussian blur effect which uses brand new convolution code.  Type: Effect   Released: 25 Sep 2009   Status: Active   Compatibility: Untested  DLL Name: EigenBlur.dll   Menu: Effects &gt; Blurs</p>
Obsolete	<p>Eliminate Black/Eliminate White  Author: ReMake  Topic: 31818</p>	<p>Superseded by new version: See Eliminate Dark/Light  Type: Effect   Released: 21 May 2015   Status: Obsolete   Compatibility: 3.5.x, 4.0x  DLL Name: EliminateWhite.dll and EliminateBlack.dll   Menu: Effects &gt;</p>
	<p>Eliminate Dark/Light  Author: ReMake  Topic: 32309</p>	<p>Remove dark or light areas from an image or selection. Very simple interface. A revision of Eliminate Black and Eliminate White plugins by the same author. Source available.  Type: Effect   Released: 17 Sep 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EliminateDarkLight.dll   Menu: Effects &gt; Color</p>

	<p>Emboss+ Author: ReMake Topic: 114080</p>	<p>A rewritten version of PS Emboss. This version more accurately mimics Photoshop's Emboss. Type: Effect   Released: 16 Apr 2019   Status: Active   Compatibility: 4.1+ DLL Name: Emboss+.dll   Menu: Effects &gt; Stylize</p>
	<p>Engrave / Emboss Author: null54 Topic: 28801</p>	<p>v4.0x version of Emboss/Engrave effect - originally found in Toli's Effects plugin pack. Type: Effect   Released: 06 May 2014   Status: Active   Compatibility: 4.0+ DLL Name: EngraveEmboss.dll, EngraveEmboss.ini &amp; IniFile.dll (required).   Menu: Effects &gt; Stylize</p>
	<p>Engrave / Emboss Author: Toli Topic: 6809</p>	<p>Emboss/Engrave effect with configurable strength. Found in Toli's Effects. Note: a new version has been posted: Found in Toli's Effects for 4.0. Type: Effect   Released: 13 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EngraveEmboss.dll, EngraveEmboss.ini &amp; IniFile.dll (required).   Menu: Effects &gt; Stylize</p>
	<p>Enhance Details Author: BoltBait Topic: 16610</p>	<p>Kind of a reverse of BoltBait's 'Soften Portrait' effect. This effect reintroduces edges, grain &amp; noise type artefacts to enhance photographic details. Type: Effect   Released: 22 Oct 2009   Status: Active   Compatibility: 3.5.x DLL Name: EnhanceDetails.dll   Menu: Effects &gt; Photo</p>
Obsolete	<p>Enormators Effects Author: Enormator Topic: 4131</p>	<p>The two effects are Stretch &amp; DotAtCenter. Unavailable for download. Type: Plugin Pack   Released: 21 May 2007   Status: Obsolete   Compatibility: Untested DLL Name: Unknown   Menu: Unknown</p>
	<p>Equations Author: Curtis Topic: 8043</p>	<p>Type in a mathematical equation and have it rendered to the canvas. Found in Curtis' Plugin Pack. Three DLL's contain a number of effects. Type: Effect   Released: 31 Jan 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll &amp; CurtisBlack.Common.dll   Menu: Effects &gt; Render</p>
	<p>Equirectangular Diffuse Transform Author: MJW Topic: 114860</p>	<p>Transforms an equirectangular environment map into an equirectangular diffuse map that can be used to apply diffuse lighting to a height map Type: Effect   Released: 08 Aug 2019   Status: Active   Compatibility: 4.2+ DLL Name: Equirectangular Diffuse Transform.dll   Menu: Effects &gt; Height Map</p>
	<p>Equirectangular Viewer Author: MJW Topic: 112905</p>	<p>Displays and reorients equirectangular images (panoramic views, which represent a complete spherical image in longitude-latitude format). Type: Effect   Released: 16 Jun 2018   Status: Active   Compatibility: 4.0+ DLL Name: Equirectangular Viewer.dll   Menu: Effects &gt; Height Map</p>
Obsolete	<p>Erode / Dilate filter Author: dake Topic: 3175</p>	<p>Dilatation is a simple way to remove scratches and noise from a uniform background. Erode is similar to the Median Blur effect. Type: Effect   Released: 03 Feb 2007   Status: Obsolete   Compatibility: 3.5.x, 4.0x DLL Name: ErodeDilate_v0.2.dll   Menu: Effects &gt;</p>
	<p>Error diffusion dithering Author: pavlik1307 Topic: 112747</p>	<p>Reduce number of colors in an image with the help of eleven error diffusion dithering algorithms. You are able to choose one of four software palettes. Type: Effect   Released: 05 Apr 2018   Status: Active   Compatibility: 4.0+ DLL Name: ErrorDiffusionDithering.dll   Menu: Effects &gt; Stylize</p>
Plugin Pack	<p>Evan's Effects v1.1 Author: evanolds Topic: 13003</p>	<p>Effects: Mirror over line, Conditional Hue/Saturation, Quadrilateral Reshape, Polygonal Transparency, 3D Object (BETA), Pie Chart, Type: Plugin Pack   Released: 12 Jul 2008   Status: Active   Compatibility: 3.5.x DLL Name: EOEffects.dll   Menu: N/A</p>

Expand Color Author: MadJik Topic: 111716	Recolors image or selection using Primary or Secondary colors depending on the ratio of the gap to the original color. Can be used to reduce colors or even turn an image bicolored. Found in Magical Plugins Megapack. Type: Effect   Released: 31 Aug 2017   Status: Active   Compatibility: 4.0+ DLL Name: ExpandColor.dll   Menu: Effects > Color
Extend Border v1.3 Author: Simon Brown Topic: 18290	Extends the edge of a layer inwards the amount specified. Type: Effect   Released: 03 Sep 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ExtendBorder.dll   Menu: Effects > Distort
Extract Channel Author: Ed Harvey Topic: 18811	Allows the isolation of a single RGB, HSV or CMYK color channel (plus many more). Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll & EdHarvey.Effects.pdb   Menu: Effects > Color
Extract Color v1.0 Author: APSHredder Topic: 16425	Allows user to change an image to grayscale, while keeping a certain color range in color (automates the Pleasantville Effect). Type: Effect   Released: 10 Apr 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ExtractColor.dll   Menu: Effects > Color
Eyeshine (animal red-eye) removal Author: Tanel Topic: 18085	This plugin removes animal eye glow from photos caused by direct flash. Found in Tanel's Plugin Pack. Type: Effect   Released: 18 Feb 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Eyeshine.dll   Menu: Effects > Photo
Facet Author: Red Ochre Topic: 30150	Reinterprets an image by turning it into a height-map-like facsimile composed of crystal/pyramid shapes of various heights. Type: Effect   Released: 10 Apr 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Facet.dll   Menu: Effects > Iterative Lines
Fade Edge Author: KrisVDM Topic: 8375	Fades the edge towards transparent. Found in Kris VDM's Plugin Pack. Type: Effect   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Vandermotten.PaintDotNetEffects.FadeEdge.dll & Vandermotten.PaintDotNetEffects.dll   Menu: Effects > Photo
Fast Blur Author: Ed Harvey Topic: 3728	This effect DOES NOT work correctly if you have any selection active. It should ONLY be used on whole layers. Found in Ed's Egregious Effects Type: Effect   Released: 21 Apr 2007   Status: Active   Compatibility: Untested DLL Name: EdHarvey.Effects.Egregious.dll   Menu: Effects > Ed-gregious
Fast Blur Author: Ed Harvey Topic: 18819	This blur is based on Gaussian blur and is 10 to 200 times faster (depending on radius). Found in Ed Harvey's FastFx plugin pack. Type: Effect   Released: 05 Apr 2010   Status: Active   Compatibility: Untested DLL Name: EdHarvey.FastFx.dll, EdHarvey.FastFx.pdb and one of FastBlur_x64.dll or FastBlur_x86.dll   Menu: Effects > FastFx
Feather Object Author: BoltBait Topic: 32048	Feathers or fades an objects edge. Found in BoltBait's Plugin Pack Type: Effect   Released: 21 Jul 2015   Status: Active   Compatibility: 4.0+ DLL Name: ObjectTools.dll   Menu: Effects > Object
Feather Plugin Author: BoltBait Topic: 2140	Softens the edges of objects that you are combining to make composite pictures. Found in BoltBait's Plugin Pack Type: Effect   Released: 31 Oct 2006   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ObjectFeather.dll   Menu: Effects > Selection

Deprecated	<p>Feather Plugin - Old Version  Author: BoltBait  Topic: 8318</p>	<p>Softens the edges of objects that you are combining to make composite pictures. A newer version exists (see Found in Feather Plugin. Found in BoltBait's Plugin Pack  Type: Effect   Released: 31 Oct 2006   Status: Deprecated   Compatibility: 3.5.x, 4.0x  DLL Name: OldFeather.dll   Menu: Effects &gt; Object</p>
	<p>Feather Selection  Author: BoltBait  Topic: 11514</p>	<p>Fades out the edge of a selection in order to blend it more effectively with the background. Found in BoltBait's Plugin Pack  Type: Effect   Released: 15 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SelectionTools.dll   Menu: Effects &gt; Selection</p>
	<p>Fern Fractal  Author: Curtis  Topic: 8043</p>	<p>Renders a fern onto your canvas. Options include colour, angle, position, width, height &amp; density. Found in Curtis' Plugin Pack. Three DLL's contain a number of effects.  Type: Effect   Released: 31 Jan 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll &amp; CurtisBlack.Common.dll   Menu: Effects &gt; Render</p>
Plugin Pack	<p>FFT / IFFT (Fast Fourier Transform)  Author: ArgusMagnus  Topic: 32205</p>	<p>Plugin pack contains four effects related to Fast Fourier Transform and Signal Processing  Type: Plugin Pack   Released: 25 Aug 2015   Status: Active   Compatibility: 4.1+  DLL Name: ArgusPDN.FFTEffects.dll   Menu: Effects &gt; Transform</p>
Plugin Pack	<p>FFT / IFFT (Fast Fourier Transform)  Author: null54  Topic: 32205</p>	<p>Updated by Null54 to work with PDN 4.1+. A plugin pack of four effects related to Fast Fourier Transformations.  Type: Plugin Pack   Released: 18 Sep 2018   Status: Active   Compatibility: 4.1+  DLL Name: ArgusPaintNet.FFT.dll &amp; ArgusPaintNetShared.dll   Menu: Effects &gt; Transform</p>
	<p>Fibonacci Fill  Author: Ego Eram Reputo  Topic: 28522</p>	<p>A pattern generator which creates increasing sized colored squares, spiralling outwards from the central point. Each successive square has a side length equal to the sum of the previous two squares' sides. Co-authored by Red Ochre. Found in EER's Plugin Pack.  Type: Effect   Released: 06 Jan 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: FibonacciFill.dll   Menu: Effects &gt; Render</p>
Filetype	<p>FileType TP4  Author: Prillan  Topic: 15281</p>	<p>File support for *.TP4 files as used by the game RollerCoaster Tycoon.  Type: Filetype   Released: 30 Jun 2009   Status: Active   Compatibility: Untested  DLL Name: Prillan.TP4.dll   Menu: N/A</p>
	<p>Fill From ClipBoard  Author: BoltBait  Topic: 28556</p>	<p>Fill a layer or selection using the contents of the clipboard. See post #6 in the linked thread.  Type: Effect   Released: 04 Jun 2014   Status: Active   Compatibility: 4.0+  DLL Name: FillFromClipboard.dll   Menu: Effects &gt; Fill</p>
	<p>Fill from Clipboard  Author: YellowAfterlife  Topic: 20976</p>	<p>Fills the layer (or selection) with tiled texture from the clipboard.  Type: Effect   Released: 02 May 2011   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: FillFromClipboard_eff_render.dll   Menu: Effects &gt; Render</p>
	<p>Fill From File  Author: BoltBait  Topic: 28556</p>	<p>Fill a layer or selection using an existing image. See post #6 in the linked thread. NOTE: PDN 4.0 only - will not work in 3.5.11.  Type: Effect   Released: 04 Jun 2014   Status: Active   Compatibility: 4.0+  DLL Name: FillFromFile.dll   Menu: Effects &gt; Fill</p>
	<p>Fill from Palette  Author: MadJik  Topic: 112111</p>	<p>Fills the canvas or the selection with all the colors of the active palette, in a 16x6 grid. Found in Magical Plugins Megapack.  Type: Effect   Released: 13 Dec 2017   Status: Active   Compatibility: 4.0+  DLL Name: FillPalette.dll   Menu: Effects &gt; Tools</p>

	<p>Fill Gaps v1.0  Author: HiPhiSch  Topic: 13595</p>	<p>Fill transparent sections of a layer or selection based on the surrounding pixels.  Type: Effect   Released: 20 Jan 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: phips_fill_gaps.dll   Menu: Effects &gt; Render</p>
Unsupported	<p>Film Noir Plugin  Author: Simon Brown  Topic: 6684</p>	<p>Give your pictures a Film Noir style by desaturating colors. Found in Simon Brown's Legacy Plugin Pack.  Type: Effect   Released: 11 Jun 2007   Status: Unsupported   Compatibility: 3.5.x, 4.0x  DLL Name: FilmNoir.dll   Menu: Effects &gt; Photo</p>
	<p>Film v2.0  Author: pyrochild  Topic: 4373</p>	<p>Filter an image to give it grain &amp; intensity. Found in Pyrochild's Plugins  Type: Effect   Released: 06 Jul 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Film.dll   Menu: Effects &gt; Photo</p>
	<p>Filter Forge 7.0  Author: filterforge  Topic: 111999</p>	<p>Powerful filter tool which runs as a standalone app, or within paint.net using the Photoshop filter plugin PSFilterPDN by null54. Filter Forge can create new filters, textures and effects or download and apply from an extensive online library. The built-in filter editor is intuitive and easy to use. FF 7.0 must be purchased but generously offers has a free 30 day trial.  Type: External Resource   Released: 18 Nov 2017   Status: Active   Compatibility: 4.0+  DLL Name: Runs under PSFilterPDN (included in FF installation)   Menu: Effects &gt; 8bf Filter</p>
	<p>Filtered Black and White  Author: Ed Harvey  Topic: 18811</p>	<p>Convert an image to greyscale using a colored filter to dictate tonal changes. Filter density (strength) is configurable. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects.  Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Color</p>
Unsupported	<p>Find Edges  Author: Simon Brown  Topic: 9387</p>	<p>Finds all edges in an image and convert the pixels black - the rest will be turned white. Found in Simon Brown's Legacy Plugin Pack.  Type: Effect   Released: 17 Apr 2008   Status: Unsupported   Compatibility: 3.5.x, 4.0x  DLL Name: FindEdges.dll   Menu: Effects &gt; Artistic</p>
	<p>Fire Effect  Author: Tom Jackson  Topic: 10518</p>	<p>Render flames with this single-effect implementation of the fire effect. Should be used over a blurred black shape on white canvas.  Type: Effect   Released: 29 Jun 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TJacksonEffects.dll   Menu: Effects &gt; Render</p>
Unsupported	<p>Fire Plugin  Author: Simon Brown  Topic: 9487</p>	<p>For rendering fire/flames. Found in Simon Brown's Legacy Plugin Pack.  Type: Effect   Released: 22 Apr 2008   Status: Unsupported   Compatibility: 3.5.x, 4.0x  DLL Name: Fire.dll   Menu: Effects &gt; Render</p>
	<p>Fish Eye  Author: TechnoRobbo  Topic: 26536</p>	<p>Fish eye distortion plugin.  Type: Effect   Released: 06 May 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Fisheye.dll   Menu: Effects &gt; Distort</p>
Unsupported	<p>Flags  Author: Simon Brown  Topic: 11512</p>	<p>Select a flag &amp; render it into the selection (needs a working internet connection). Found in Simon Brown's Legacy Plugin Pack.  Type: Effect   Released: 27 Aug 2008   Status: Unsupported   Compatibility: 3.5.x  DLL Name: Flags.dll   Menu: Unknown</p>
Deprecated	<p>Flames (aka Burninate)  Author: BoltBait  Topic: 11836</p>	<p>Turn a black &amp; white gradient into flames. Found in BoltBait's Plugin Pack  Type: Effect   Released: 16 Sep 2008   Status: Deprecated   Compatibility: 3.5.x, 4.0x  DLL Name: Burninate.dll   Menu: Effects &gt; Render</p>

	<p>Flip  Author: BoltBait  Topic: 8318</p>	<p>Flips the selected pixels horizontally or vertically. Found in BoltBait's Plugin Pack.  Type: Effect   Released: 15 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Flip.dll   Menu: Effects &gt;</p>
Obsolete	<p>Flip  Author: Illnab1024  Topic: 1983</p>	<p>Flips the selected pixels horizontally or vertically. Replaced by a later version in BoltBait's Plugin Pack.  Type: Effect   Released: 10 Dec 2006   Status: Obsolete   Compatibility: Untested  DLL Name: FlipPlugin.dll   Menu: Effects &gt;</p>
Obsolete	<p>Flip Horizontal  Author: MISIIM  Topic: 1137</p>	<p>Superseded by BoltBait's version: see Flip. Forum topic no longer exists.  Type: Effect   Released: 23 May 2006   Status: Obsolete   Compatibility: 3.5.x  DLL Name: N/A   Menu: N/A</p>
	<p>Flood Fill Gradient  Author: msh  Topic: 115623</p>	<p>Fill a closed shape with a gradient which extends along the path from the click point to the outer edge.  Type: Effect   Released: 12 Feb 2019   Status: Active   Compatibility: 4.2+  DLL Name: FloodFillGradient.dll   Menu: Effects &gt; Object</p>
	<p>Flourish  Author: Red Ochre  Topic: 110975</p>	<p>Create calligraphy-like spirals, swirls, flourishes and tendrils. Possibly mustaches too. Many options to control the shape.  Type: Effect   Released: 02 Jun 2017   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Flourish.dll   Menu: Effects &gt; Render</p>
Obsolete	<p>Floyd-Steinberg dithering  Author: asura  Topic: 2599</p>	<p>Apply Floyd-Steinberg dithering.  Type: Effect   Released: 01 Aug 2007   Status: Obsolete   Compatibility: Untested  DLL Name: FloydSteinbergEffect.dll   Menu: N/A</p>
	<p>Floyd-Steinberg Dithering  Author: BoltBait  Topic: 29428</p>	<p>Reduce the number of colors in an image by choosing the closest color in the palette, then taking the difference between that chosen color and the original color and spreads that difference out to nearby pixels  Type: Effect   Released: 28 Jul 2014   Status: Active   Compatibility: 4.0+  DLL Name: FloydSteinbergDithering.dll   Menu: Effects &gt; Stylize</p>
	<p>FlySwatter  Author: ploogle  Topic: 7067</p>	<p>Applies filter to make image look shiny &amp; metallic, or perhaps psychedelic.  Type: Effect   Released: 12 Feb 2007   Status: Active   Compatibility: 3.5.x  DLL Name: FlySwatter.dll   Menu: Effects &gt; Adjustment</p>
	<p>Focal Point  Author: jchunn  Topic: 8411</p>	<p>Blurs from a given focal point in an image. Found in Jesse Chunn Plugin Pack.  Type: Effect   Released: 21 Feb 2008   Status: Active   Compatibility: 3.5.x  DLL Name: jchunn.dll (also contains others)   Menu: Effects &gt; Blurs</p>
	<p>Fractal Attractor  Author: MadJik  Topic: 111491</p>	<p>Renders abstract fractals to the selection or layer. Many options including distortion, detail, colorization and zoom level. Found in Magical Plugins Megapack.  Type: Effect   Released: 29 Jun 2017   Status: Active   Compatibility: 4.0+  DLL Name: Fractal attractor.dll   Menu: Effects &gt; Texture</p>
	<p>Fractal Curly Tree  Author: MadJik  Topic: 112667</p>	<p>Uses a fractal algorithm to draw a curly tree. Found in the Magical Plugins Megapack.  Type: Effect   Released: 04 Aug 2018   Status: Active   Compatibility: 4.0+  DLL Name: FractalTree.dll   Menu: Effects &gt; Render</p>
	<p>Fractal Fern Leaf  Author: MadJik  Topic: 112598</p>	<p>Uses a recursive fractal formula to render pseudo fern fronds. Found in Magical Plugins Megapack.  Type: Effect   Released: 24 Mar 2018   Status: Active   Compatibility: 4.0+  DLL Name: FractalFern.dll   Menu: Effects &gt; Render</p>

Integrated	Fractal Mandelbrot Author: moc426 Topic: 5882	Create, configure and color the Mandelbrot fractal. This effect is now Included in paint.net minus the colorization options (Effects > Render > Mandelbrot Fractal). This effect can be installed alongside the native version and found under Effects > Render > Fractal: Mandelbrot. Type: Effect   Released: 09 Jul 2007   Status: Integrated   Compatibility: 3.5.x, 4.0x DLL Name: Fractal.dll   Menu: Effects > Render
Integrated	Fragment Author: Ed Harvey Topic: 2530	Creates copies of the base image, each shifted from the original position by a given amount. The copies are then averaged together. Found in Ed Harvey's Effects. Type: Effect   Released: 31 Dec 2006   Status: Integrated   Compatibility: Untested DLL Name: Unknown   Menu: Effects > Blurs
	Fragment Blur+ Author: Reptillian Topic: 117510	New version of Fragment Blur (algorithm is not exactly the same). New features are color space options, boundary options, utilize half image hypotenuse rather than distance, linear interpolation shift, superimposing the original. Source code available. Note non-standard installation due to the requisite supporting GmicSharpNative files. Type: Effect   Released: 12 Sep 2020   Status: Active   Compatibility: 4.2+ DLL Name: GmicFragmentBlurPlus.dll & supporting folder/files GmicSharpNative   Menu: Effects > Blurs
	Frames Author: MadJik Topic: 6210	Wrap your image in a customized frame. Found in Magical Plugins Megapack. Type: Effect   Released: 28 Sep 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Frame.dll   Menu: Effects > Render
Integrated	Frosted Glass+ v1.5 Author: pyrochild Topic: 5565	This effect is now included in paint.net from version 3.07+. Forum thread no longer exists. Type: Effect   Released: 21 Aug 2007   Status: Integrated   Compatibility: 3.5.x DLL Name: N/A   Menu: Effects > Distort
	Full Spectrum Posterizer Author: TechnoRobbo Topic: 26600	Posterize an image with individual control over the separate RGB channels. Type: Effect   Released: 14 Jun 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: FSPost.dll   Menu: Effects > Color
	FurBlur Author: Red Ochre Topic: 27058	A blur effect which mimics fur, hair, grass, etc....., Type: Effect   Released: 21 Sep 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: FurBlur.dll   Menu: Effects > Blurs
	Fuzzy Edge Detector Author: Joshua Lamusga Topic: 107395	Detects edges using random angles to find neighboring pixels and determine their difference. Configurable with many options. Useful to create outlines. CodeLab source provided. See second post for 3.5.11 version. Type: Effect   Released: 02 Dec 2016   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: FuzzyEdgeDetect.dll   Menu: Effects > Stylize
	G'MIC Author: null54 Topic: 113564	A wrapper to host GREYC's Magic for Image Computing (G'MIC) filters. Hundreds of filters are available. Type: Effect   Released: 16 Dec 2018   Status: Active   Compatibility: 4.0+ DLL Name: Gmic.dll   Menu: Effects > Advanced
	Gabor filter v1.0 Author: zarathoustra Topic: 18113	Applies an edge detector filter to the image, letting you choose the wavelength and the angle of edge detection. Type: Effect   Released: 22 Feb 2010   Status: Active   Compatibility: 3.5.x DLL Name: PdnGaborFilter.dll, BaseUtility.dll & ConvolutionKernel.dll   Menu: Effects > Stylize

	Galaxy Transformation Author: Xhin Topic: 115565	Spirals an image inwards in a deep galaxy/black hole sort of way. Can function like Polar Inversion plugin with more options. Type: Effect   Released: 25 Nov 2019   Status: Active   Compatibility: 4.2+ DLL Name: Galaxy Transformation.dll   Menu: Effects > Polar
	Gaussian Blur Clamped Author: toe_head2001 Topic: 106935	Much like the regular Gaussian Blur effect, except this effect gets clamped to the active selection. This effectively stops colors (and transparency) from bleeding through from outside of the selection. Type: Effect   Released: 01 Dec 2016   Status: Active   Compatibility: 4.0+ DLL Name: ClampedGaussianBlur.dll   Menu: Effects > Blurs
	Gaussian Blur+ Author: BoltBait Topic: 4867	Enhanced Gaussian Blur which can be used to selectively blur an image by color or alpha channel. Previously known as Channel Blur. Type: Effect   Released: 07 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: GaussianBlurPlus.dll   Menu: Effects > Blurs
	Gears Author: Red Ochre Topic: 29795	Render a glorious variety of gears, cogs, wheels, bearings, pulley, sprocket, chain wheel, nuts and other circular shapes. Configurable spokes, teeth and number of faces plus a huge number of other options. Type: Effect   Released: 23 Aug 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Gears.dll   Menu: Effects > Iterative Lines
Obsolete	GenTree Author: MadJik Topic: 4382	Obsolete. Author recommends using Dryad instead. Type: Effect   Released: 06 Aug 2007   Status: Obsolete   Compatibility: 3.5.x, 4.0x DLL Name: GenTree.dll   Menu: Effects > Render
	Gingham Author: toe_head2001 Topic: 32371	Generates a Gingham pattern with custom color, width, and line styles. Type: Effect   Released: 10 Apr 2015   Status: Active   Compatibility: 4.0+ DLL Name: Gingham.dll   Menu: Effects > Render
	Glass Blocks Author: Ed Harvey Topic: 18811	Distort an image as if were viewed from behind a wall of rounded glass blocks. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll & EdHarvey.Effects.pdb   Menu: Effects > Distort
	Glass Blur Author: Xhin Topic: 115207	blurs an image in a proportional way to its lightness while keeping some darker outlines intact. It ends up either looking like you're looking at the image through thick glass, or the image itself is made out of glass. Type: Effect   Released: 27 Sep 2019   Status: Active   Compatibility: 4.2+ DLL Name: Glass_Blur.dll   Menu: Effects > Blurs
Obsolete	Glass Orb Generator Author: wizard Topic: 4402	No longer functions with the latest release of paint.net. The effect used to render glass spheres/orbs. Type: Effect   Released: 06 Sep 2007   Status: Obsolete   Compatibility: Untested DLL Name: orbgenerator.dll   Menu: Effects > Render
	Glitterific Author: Sakana Oji Topic: 113709	Adds Noise to an image. Options: Coverage, Opacity & Saturation. Type: Effect   Released: 22 Jan 2019   Status: Active   Compatibility: 4.1+ DLL Name: Glitterific.dll   Menu: Effects > Artistic
	Glow Author: Ed Harvey Topic: 18819	Similar to the built in Glow effect only up to 20 times faster. Found in Ed Harvey's FastFx plugin pack. Type: Effect   Released: 05 Apr 2010   Status: Active   Compatibility: Untested DLL Name: EdHarvey.FastFx.dll, EdHarvey.FastFx.pdb and one of FastBlur_x64.dll or FastBlur_x86.dll   Menu: Effects > FastFx



Integrated	Glow effect Author: Rick Brewster Topic: 905	Apply a glow effect to a given selection. Included paint.net 2.70+ Type: Effect   Released: 16 Mar 2006   Status: Integrated   Compatibility: 3.5.x, 4.0x DLL Name: N/A   Menu: Effects > Photo
Obsolete	Google Image Search Author: Illnab1024 Topic: 16518	Allows you to use Google Image Search directly in paint.net. Appears to be broken in that no search results are returned. Type: Effect   Released: 13 Oct 2009   Status: Obsolete   Compatibility: 3.5.x DLL Name: GoogleImageSearchEffect.dll   Menu: Effects > Render
	Gossamer Author: Red Ochre Topic: 31509	Renders fine cobweb like lines from the edges of the contents of the layer or selection. Plugin uses two steps: first identifies (in red) the edges, second renders the fine lines. Type: Effect   Released: 02 Nov 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Gossamer.dll   Menu: Effects > Iterative Lines
	GPU Channel Blur Author: Bruce Bowyer-Smyth Topic: 19364	Hardware accelerated blur which performs a separate and unique Gaussian blur for each color channel with each channel having it's own blur radius. Found in Hardware Accelerated Blur Pack Type: Effect   Released: 07 Nov 2010   Status: Active   Compatibility: Untested DLL Name: ComputeShaderEffects.dll & one of SlimDX.D3D11.x64.dll or SlimDX.D3D11.x86.dll   Menu: Effects > Blurs
	GPU Gaussian Blur Author: Bruce Bowyer-Smyth Topic: 19364	Hardware accelerated Gaussian Blur. Found in Hardware Accelerated Blur Pack Type: Effect   Released: 07 Nov 2010   Status: Active   Compatibility: Untested DLL Name: ComputeShaderEffects.dll & one of SlimDX.D3D11.x64.dll or SlimDX.D3D11.x86.dll   Menu: Effects > Blurs
	GPU Motion Blur Author: Bruce Bowyer-Smyth Topic: 19364	Incompatible with 4.0x. Hardware accelerated Motion Blur. Found in Hardware Accelerated Blur Pack Type: Effect   Released: 07 Nov 2010   Status: Active   Compatibility: Untested DLL Name: ComputeShaderEffects.dll & one of SlimDX.D3D11.x64.dll or SlimDX.D3D11.x86.dll   Menu: Effects > Blurs
	GPU Radial Blur Author: Bruce Bowyer-Smyth Topic: 19364	Hardware accelerated Radial Blur. Found in Hardware Accelerated Blur Pack Type: Effect   Released: 07 Nov 2010   Status: Active   Compatibility: Untested DLL Name: ComputeShaderEffects.dll & one of SlimDX.D3D11.x64.dll or SlimDX.D3D11.x86.dll   Menu: Effects > Blurs
	GPU Zoom Blur Author: Bruce Bowyer-Smyth Topic: 19364	Hardware accelerated Zoom Blur. Found in Hardware Accelerated Blur Pack Type: Effect   Released: 07 Nov 2010   Status: Active   Compatibility: Untested DLL Name: ComputeShaderEffects.dll & one of SlimDX.D3D11.x64.dll or SlimDX.D3D11.x86.dll   Menu: Effects > Blurs
	Gradient Author: KrisVDM Topic: 8375	A four-color, non-linear 'Gradient' effect with high quality color dithering. Found in Kris VDM's Plugin Pack. Type: Effect   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Vandermotten.PaintDotNetEffects.Gradient.dll & Vandermotten.PaintDotNetEffects.dll   Menu: Effects > Render
	Gradient Bars v3.0 Author: pyrochild Topic: 4371	Creates bars of varying width, angle and thickness. Found in Pyrochild's Plugins Type: Effect   Released: 06 Jul 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Gradient Bars.dll   Menu: Effects > Render
	Gradient Blocks Author: pyrochild Topic: 18654	Transform an image into a pixelated version with gradient filled blocks. Found in Pyrochild's Plugins Type: Effect   Released: 16 Apr 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Gradient Blocks.dll   Menu: Effects > Blurs

<p>Gradient Blur  Author: MadJik  Topic: 6532</p>	<p>A combination of the Gaussian blur &amp; gradient effects. Found in Magical Plugins Megapack.  Type: Effect   Released: 24 Oct 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Gradient Blur.dll   Menu: Effects &gt; Blurs</p>
<p>Gradient Effect  Author: pleska  Topic: 1191</p>	<p>Incompatible with 4.0x. Gradient fill between current primary and secondary colors in 5 basic types: Vertical, Horizontal, Radial (from center of rect out), Diagonal and Reverse-Diagonal.  Type: Effect   Released: 06 Aug 2006   Status: Active   Compatibility: 3.5.x  DLL Name: GradientPlugIn.dll   Menu: Effects &gt;</p>
<p>Gradient Grid  Author: pyrochild  Topic: 111660</p>	<p>Renders gradients into a grid comprised of square cells. Found in Pyrochild's Plugins  Type: Effect   Released: 16 Aug 2017   Status: Active   Compatibility: 4.0+  DLL Name: Gradient Grid.dll   Menu: Effects &gt; Render</p>
<p>Gradient Mapping v2.2  Author: pyrochild  Topic: 6265</p>	<p>Create a custom gradient and map it to your image based on any supported input channel. One of the primary uses is to create a multi-colored gradient. Found in Pyrochild's Plugins  Type: Adjustment   Released: 10 Apr 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Gradient Mapping.dll   Menu: Adjustments &gt;</p>
<p>Gradient Plugin v2.0  Author: Illnab1024  Topic: 1957</p>	<p>A variety of configurable gradients including hue based and rainbow gradients . Co-Authored by [member=BoltBait].  Type: Effect   Released: 10 Sep 2006   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Gradient.dll   Menu: Effects &gt;</p>
<p>Gradients Galore  Author: Red Ochre  Topic: 24769</p>	<p>Create a wide variety of gradient effects. Many options including choice of shapes, transition methods, variable dithering, angle slider (rotation around canvas centre), HSV rainbows. Found in Red Ochre's Plugin Pack  Type: Effect   Released: 17 May 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Gradientsgalore.dll   Menu: Effects &gt; Render</p>
<p>Gradual Stripes  Author: Pratyush  Topic: 112331</p>	<p>Renders a specified number of single hue'd stripes at any angle. The coloring of the stripes progresses evenly between the first selected color and the second selected color. Co-authored by BoltBait.  Type: Effect   Released: 22 Jan 2018   Status: Active   Compatibility: 4.0+  DLL Name: Gradual_Stripes_c.dll   Menu: Effects &gt; Render</p>
<p>Grain Noise (Film Grain)  Author: Tanel  Topic: 19479</p>	<p>This effect generates film grain (or luminance grain). Use it to add some character to otherwise boring-smooth digital image. Found in Tanel's Plugin Pack.  Type: Effect   Released: 22 Jul 2010   Status: Active   Compatibility: Untested  DLL Name: Grain.dll   Menu: Effects &gt; Noise</p>
<p>Gralpha  Author: Vermiculus  Topic: 17943</p>	<p>Converts grayscale to Alpha.  Type: Adjustment   Released: 02 Feb 2010   Status: Active   Compatibility: 3.5.x  DLL Name: Gralpha.dll   Menu: Adjustments &gt;</p>
<p>Graph Maker  Author: dsplaisted  Topic: 15476</p>	<p>Uses (and builds on) the Grid Maker plugin to render graphs.  Type: Effect   Released: 20 Jul 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: GraphMaker.dll   Menu: Effects &gt; Render</p>
<p>Graph Paper  Author: toe_head2001  Topic: 106915</p>	<p>Generates graph paper with adjustable Cell Size &amp; grouping. Options include square or isometric grids, and colorization. Requires installation of OptionBased library v0.7.9.  Type: Effect   Released: 01 Oct 2016   Status: Active   Compatibility: 4.0+  DLL Name: GraphPaper.dll, GraphPaper.dlc, OptionBasedLibrary vX.X.dll &amp; OptionBasedLibrary vX.X.dlc   Menu: Effects &gt; Render</p>

	<p>Gravity  Author: MadJik  Topic: 7968</p>	<p>Treats pixels as if they were sand, dragging them down until they have supporting pixels under them. Found in Magical Plugins Megapack.  Type: Effect   Released: 27 Jan 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Gravity.dll   Menu: Effects &gt; Distort</p>
	<p>Grayscale on Colored Paper  Author: KrisVDM  Topic: 8375</p>	<p>Recolors the image grayscale and the specified color. Found in Kris VDM's Plugin Pack.  Type: Adjustment   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Vandermotten.PaintDotNetEffects.Monochromes.dll &amp; Vandermotten.PaintDotNetEffects.dll   Menu: Adjustments &gt;</p>
	<p>Grayscale+  Author: StormWare  Topic: 17982</p>	<p>Instead of averaging RGB like normal Grayscale, Grayscale+ retains the greatest of the RGB values.  Type: Adjustment   Released: 02 Jul 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: GrayScale+.dll   Menu: Adjustments &gt;</p>
	<p>Green Tint Reduction  Author: toe_head2001  Topic: 111835</p>	<p>Intelligently reduces the amount of green tint in an image without introducing magenta as a by-product  Type: Effect   Released: 10 Mar 2017   Status: Active   Compatibility: 4.0+  DLL Name: GreenTintReduction.dll   Menu: Effects &gt; Photo</p>
Obsolete	<p>GREYCstoration Wrapper *BETA*  Author: Crazy Man Dan  Topic: 6790</p>	<p>Replaced by the built-in Effects &gt; Noise &gt; Reduce Noise effect. Forum thread no longer exists.  Type: Effect   Released: 11 Dec 2007   Status: Obsolete   Compatibility: 3.5.x, 4.0x  DLL Name: N/A   Menu: N/A</p>
Unsupported	<p>Greyscale channel mixer  Author: andersbursjoo  Topic: 4012</p>	<p>Converts images to greyscale with luminescence control. Download link is broken so plugin cannot be downloaded.  Type: Adjustment   Released: 14 May 2007   Status: Unsupported   Compatibility: Untested  DLL Name: GreyscaleWPF.dll   Menu: Adjustments &gt;</p>
	<p>Grid Maker  Author: MadJik  Topic: 4175</p>	<p>Draws grids, also checkerboard and dots. Found in Magical Plugins Megapack.  Type: Effect   Released: 24 May 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: GridMaker.dll   Menu: Effects &gt; Render</p>
	<p>Grid Maker v3.0  Author: BoltBait  Topic: 1964</p>	<p>Creates grids and checkerboards. Updated for paint.net 4.0.6. Also found in BoltBait's plugin pack.  Type: Effect   Released: 10 Oct 2006   Status: Active   Compatibility: 4.0+  DLL Name: GridCheckerboard.dll   Menu: Effects &gt;</p>
	<p>Grid Warp  Author: pyrochild  Topic: 25327</p>	<p>Distort an image by overlaying a warping grid which has draggable intersection nodes. Found in Pyrochild's Plugins  Type: Effect   Released: 17 Sep 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Grid Warp.dll   Menu: Effects &gt; Tools</p>
	<p>Gridlines  Author: KrisVDM  Topic: 8375</p>	<p>Draws a grid with horizontal and vertical lines. Found in Kris VDM's Plugin Pack.  Type: Effect   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Vandermotten.PaintDotNetEffects.Grid.dll &amp; Vandermotten.PaintDotNetEffects.dll   Menu: Effects &gt; Render</p>
	<p>Grim Color Reaper  Author: Jotaf  Topic: 15595</p>	<p>Remove a color (i.e. background) from an image while maintaining the alpha information.  Type: Effect   Released: 30 Jul 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: GrimColorReaper.dll   Menu: Effects &gt; Color</p>

	<p>Grow Author: Red Ochre Topic: 116124</p>	<p>Median on steroids. Iteratively compares each pixel to the surrounding ones and takes their values, depending on the mode and threshold chosen. Type: Effect   Released: 15 Mar 2020   Status: Active   Compatibility: 4.0+ DLL Name: Grow.dll   Menu: Effects &gt; Artistic</p>
	<p>GuideLines Author: xod Topic: 112076</p>	<p>Draws guiding lines as an aid to drawing, alignment &amp; sizing. Type: Effect   Released: 12 May 2017   Status: Active   Compatibility: 4.0+ DLL Name: GuideLines.dll   Menu: Effects &gt; Render</p>
	<p>Halftone Author: Ed Harvey Topic: 18811</p>	<p>Simulates continuous tones in the image through the use of dots of varying size, shape, spacing and density. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Stylize</p>
Plugin Pack	<p>Hardware Accelerated Blur Pack Author: Bruce Bowyer-Smyth Topic: 19364</p>	<p>Use your video card to process images with a potentially huge performance leap. The blurs in this pack are: Channel Blur, Gaussian Blur, Motion Blur, Radial Blur &amp; Zoom Blur. Type: Plugin Pack   Released: 07 Nov 2010   Status: Active   Compatibility: Untested DLL Name: ComputeShaderEffects.dll &amp; one of SlimDX.D3D11.x64.dll or SlimDX.D3D11.x86.dll   Menu: Effects &gt; Blurs</p>
Unsupported	<p>HD Photo plugin - BETA Author: Rick Brewster Topic: 3508</p>	<p>Support for HD imaging. No longer supported. See JPEG XR filetype plugin Type: Filetype   Released: 04 Jun 2007   Status: Unsupported   Compatibility: 3.5.x DLL Name: HDPhoto.dll   Menu: N/A</p>
	<p>HDR Author: Sakana Oji Topic: 113633</p>	<p>Fakes an HDR effect by applying an inverted, blurred, black and white overlay to the original. Type: Adjustment   Released: 01 Apr 2019   Status: Active   Compatibility: 4.1+ DLL Name: HDR.dll   Menu: Adjustments &gt;</p>
Filetype	<p>HEIC Filetype Plus Author: null54 Topic: 116873</p>	<p>Allows HEIC images to be loaded and saved with transparency, and adds a few more options when saving. Note this plugin replaces Paint.NET's built-in HEIC support. Installation is non-standard (see instructions in the first post of forum thread). Type: Filetype   Released: 08 Jun 2020   Status: Active   Compatibility: 4.2+ DLL Name: HeicFileTypePlus.dll, HeicFileTypePlusIO_x86.dll and HeicFileTypePlusIO_x64.dll   Menu: N/A</p>
	<p>Heightmap Author: radobot Topic: 21224</p>	<p>Transforms an image to a heightmap. Imagine shining a light on an uneven surface. Lightness of each pixel represents it's height. Type: Effect   Released: 03 Aug 2011   Status: Active   Compatibility: 3.5.x DLL Name: Heightmap v1.3.dll   Menu: Effects &gt; Stylize</p>
	<p>Helix Author: Red Ochre Topic: 28411</p>	<p>Draws a range of helical and spiral shapes. Many choices of shapes and colours. Type: Effect   Released: 15 May 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Helix.dll   Menu: Effects &gt; Iterative Lines</p>
	<p>Hexagonal Grid Author: MadJik Topic: 3078</p>	<p>Creates a hexagonal grid. Includes brushwidth &amp; Antialias controls. Found in Magical Plugins Megapack. Type: Effect   Released: 21 Feb 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: HexaGrid.dll   Menu: Effects &gt; Render</p>
	<p>Hide / Reveal Steganography Author: Radobot Topic: 21704</p>	<p>Hide (and reveal) images within another image. Similar in concept to BoltBait's Steganography plugin with more options. Type: Effect   Released: 16 May 2011   Status: Active   Compatibility: Untested DLL Name: Hide image.dll &amp; Reveal hidden image.dll   Menu: Effects &gt; Steganography</p>

	<p>High Pass Author: cookies Topic: 19837</p>	<p>High pass filter - used to correct (sharpen) images in much the same way as Unsharp Mask Type: Effect   Released: 09 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: HighPass.dll   Menu: Effects &gt; Photo</p>
	<p>Highlight Author: Red Ochre Topic: 21835</p>	<p>Creates the twinkly highlights you find in a photo that is taken towards the sun, highlights on water or metallic text. Found in Red Ochre's Plugin Pack Type: Effect   Released: 06 Apr 2011   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: highlightv2.dll   Menu: Effects &gt; Render</p>
	<p>Hilbert filling curve texture Author: MadJik Topic: 112535</p>	<p>Uses the space-filling Hilbert formula (Peano 1890, Hilbert 1891) to fill the target region with a continuous path. The path is comprised of short, straight lines whose ends either continue in the same direction or undergo a 90 degree turn. Found in Magical Plugins Megapack. Type: Effect   Released: 03 Apr 2018   Status: Active   Compatibility: 4.0+ DLL Name: HilbertCurve.dll   Menu: Effects &gt; Texture</p>
Filetype	<p>HIS Filetype Author: Rapido Topic: 110871</p>	<p>Load and save HIS His image format (used for X-Ray flatpanels from PerkinElmer). Type: Filetype   Released: 01 Dec 2017   Status: Active   Compatibility: 4.0+ DLL Name: HisFileType.dll   Menu: N/A</p>
Filetype	<p>Homeworld2 ROT file import Author: susgeorgesu Topic: 26227</p>	<p>Import Homeworld 2 ROT image files as used in the game 'Home World 2' by Sierra Entertainment, Inc. Type: Filetype   Released: 30 Mar 2013   Status: Active   Compatibility: Untested DLL Name: PNROTFile.dll   Menu: N/A</p>
	<p>Hot Metal Glow Author: MJW Topic: 108875</p>	<p>Transforms a pixel's color to mimic incandescent heated metal. The color range goes from black, to red, to orange, to yellow, and finally to white. The color transition is approximate: no attempt is made to imitate actual physics. Find 3.5.11 compatible version in post #8 of the thread. Type: Effect   Released: 20 May 2016   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: HotMetalGlow.dll   Menu: Effects &gt; Color</p>
	<p>HSV Eraser Author: MJW Topic: 31843</p>	<p>Remove any color from images using the Hue, Saturation and Value color space. Many options including Tolerances which are used to specify a range of closely associated hues. Source available. Type: Adjustment   Released: 27 May 2015   Status: Active   Compatibility: 4.0+ DLL Name: HsvEraser.dll   Menu: Adjustments &gt;</p>
	<p>HSV Scrambler Author: MJW Topic: 32013</p>	<p>Change the Hue, Saturation, and Value of each pixel by allowing any of the components to be derived from a scaled and offset version of any of the other components. See post #11 for PDN3.5 version. Type: Effect   Released: 07 Dec 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: HsvScrambler.dll   Menu: Effects &gt; Stylize</p>
	<p>Hue / Saturation Author: Ed Harvey Topic: 18819</p>	<p>Similar to the built in Hue / Saturation effect and up to 50 times faster. Found in Ed Harvey's FastFx plugin pack. Type: Effect   Released: 05 Apr 2010   Status: Active   Compatibility: Untested DLL Name: EdHarvey.FastFx.dll, EdHarvey.FastFx.pdb and one of FastBlur_x64.dll or FastBlur_x86.dll   Menu: Effects &gt; FastFx</p>
	<p>Hue / Saturation Plus Author: BoltBait Topic: 28613</p>	<p>Adjust the hue, saturation and lightness using sliders. Type: Effect   Released: 06 Sep 2014   Status: Active   Compatibility: 4.0+ DLL Name: HueSatPlus.dll   Menu: Adjustments &gt;</p>
Obsolete	<p>Hue / Saturation+ Author: Tanel Topic: 11619</p>	<p>Removed by the author following enhancements to the built-in Hue/Saturation adjustment (paint.net v 3.5.2) Type: Adjustment   Released: 09 Jan 2008   Status: Obsolete   Compatibility: 3.5.x, 4.0x DLL Name: Hue_Saturation+.dll   Menu: Adjustments &gt;</p>

Deprecated	Icon, Cursor, and Animated Cursor Format Author: evanolds Topic: 927	Incompatible with 4.0x. An updated version has been posted by TechnoRobbo in post #299 of the thread. Support for Icon & cursor filetypes, including animated cursors. Type: Filetype   Released: 23 Mar 2006   Status: Deprecated   Compatibility: 3.5.x DLL Name: IcoCur.dll   Menu: N/A
Filetype	Icon, Cursor, and Animated Cursor Format - Updated Author: TechnoRobbo Topic: 927	An updated version of the Icon, Cursor, and Animated Cursor Filetype plugin. This version adds support for Icon & cursor filetypes, including animated cursors to paint.net 4.0.9+ Type: Filetype   Released: 24 Mar 2016   Status: Active   Compatibility: 4.0+ DLL Name: IcoCur.dll   Menu: N/A
Filetype	IFF filetype Author: rmtew Topic: 24672	Uses the SDLImage library to extend support to the IFF filetype. Type: Filetype   Released: 25 Apr 2012   Status: Active   Compatibility: Untested DLL Name: PDNIFFPlugin.dll   Menu: N/A
Filetype	IFF ILBM (Amiga) Loader Author: Zombieman Topic: 26237	Loader for IFF ILBM images (native file format of the old Commodore Amiga computers). Supports loading HAM6 and HAM8 modes (and in theory HAM5 and HAM7 modes). Does not handle IFF24 images (max 8-bit images). Type: Filetype   Released: 04 Feb 2013   Status: Active   Compatibility: Untested DLL Name: PDNIFFPlugin.dll   Menu: N/A
Plugin Pack	Illnab1024's Plugins. (v1.1) Author: Illnab1024 Topic: 8677	Incompatible with 4.0x. Alpha Mask, Cutout Effect, Advanced Greyscale, Point Warp, Polar to Rect. Type: Plugin Pack   Released: 03 Sep 2008   Status: Active   Compatibility: 3.5.x DLL Name: illnabPlugins.dll   Menu: N/A
Filetype	Im(age)PDF filetype Author: Martin Osieka Topic: 22863	Allows paint.net to open and save images as PDF documents. Requires OptionBasedLibrary and Ghostscript be installed. Type: Filetype   Released: 10 Dec 2011   Status: Active   Compatibility: 3.5.x DLL Name: ImPDF.Save.FileType.dll, ImPDF.Command.exe, ImPDF.Open.FileType.dll, ImPDF.Open.FileType.dlc, OptionBasedLibrary vX.X.dll & OptionBasedLibrary vX.X.dlc   Menu: N/A
	Image Distortion Author: xod Topic: 114600	Distort an image using a range of different patterns. Requires OptionBasedLibrary (supplied) be installed Type: Effect   Released: 30 Jun 2019   Status: Active   Compatibility: 4.2+ DLL Name: ImageDistortion.dll/* .dlc & OptionBasedLibrary v0.7.9.dll/* .dlc   Menu: Effects > Distort
	Image Modulo Toolkit Author: Reptillian Topic: 115656	Useful for gradient map preparation, this Adjustment performs a modulus operation on the source pixels. Type: Adjustment   Released: 12 Oct 2019   Status: Active   Compatibility: 4.2+ DLL Name: Image Modulo Toolkit.dll   Menu: Adjustments >
Filetype	Image Tiling FileType Author: null54 Topic: 27216	Splits an image into tiles and saves them a zip file. Type: Filetype   Released: 10 Nov 2013   Status: Active   Compatibility: Untested DLL Name: TileImageFileType.dll   Menu: N/A
Filetype	Image To Code (AKA Image To C) Author: ShayEr Topic: 2965	Convert image to C/C++ data structure. Type: Filetype   Released: 02 Oct 2007   Status: Active   Compatibility: Untested DLL Name: CodeFileType.dll   Menu: N/A
	ImageInText Author: xod Topic: 111908	Creates text mask using the source layer as the text fill, alternatively creates transparent text within the source layer Type: Effect   Released: 22 Oct 2017   Status: Active   Compatibility: 4.0+ DLL Name: ImageInText.dll   Menu: Effects > Text Formations

Filetype	ImAGIF Author: Midora Topic: 31629	Loads and saves animated gif files. Type: Filetype   Released: 13 Mar 2015   Status: Active   Compatibility: 4.0+ DLL Name: ImAGIF.FileType.dll and .dlc files (/FileTypes/ folder)   Menu: N/A
Filetype	ImAPNG Author: Midora Topic: 31629	Loads animated PNG files. Note: does not save. Type: Filetype   Released: 13 Mar 2015   Status: Active   Compatibility: 4.0+ DLL Name: ImAPNG.FileType.dll and .dlc files (/FileTypes/ folder)   Menu: N/A
	Imgur Uploader Author: JoZ1 Topic: 26732	Upload images directly from paint.net to imgur.com. Returns links to image in a number of formats. Type: Effect   Released: 07 Sep 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ImgurUploader.dll   Menu: Effects >
	Increase Local Contrast Author: MichaelVinther Topic: 14204	Incompatible with 4.0x. Improve badly lit photos or dramatize dull photos. Type: Effect   Released: 17 Mar 2009   Status: Active   Compatibility: 3.5.x DLL Name: IncreaseLocalContrast.dll   Menu: Effects > Photo
Integrated	Ink Sketch Author: BoltBait Topic: 3474	Converts image to inked sketch version. Included paint.net 3.10+ Type: Effect   Released: 04 Apr 2007   Status: Integrated   Compatibility: 3.5.x DLL Name: InkSketch.dll   Menu: Effects > Artistic
	InkSketch+ Author: AhmedElyamani Topic: 25275	Turns images into a black and white inked facsimile. Found in Ahmed's Plugin Pack Type: Effect   Released: 09 Mar 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: InkSketch+.dll   Menu: Effects > Artistic
	Inner Shadow Author: BoltBait Topic: 32048	Projects a shadow from the object's edge inwards or away from the transparent surrounding pixels. Found in BoltBait's Plugin Pack Type: Effect   Released: 21 Jul 2015   Status: Active   Compatibility: 4.0+ DLL Name: ObjectTools.dll   Menu: Effects > Object
	Inner Shadow Selection Author: BoltBait Topic: 11514	Applies shadowing from the edge of a selection which fades towards the inside of the selection. Very similar to Object Inner Shadow, but this works with selections and not objects. BoltBait's Plugin Pack for v4.0 Type: Effect   Released: 31 Jan 2015   Status: Active   Compatibility: 4.0+ DLL Name: SelectionTools.dll   Menu: Effects > Selection
	Input to Output Author: Mike Ryan Topic: 9959	Adjust the value of one color channel (Input) by the value of another channel (Output). Useful for making alpha masks, removing color, etc.. Found in Mike Ryan's Plugins Type: Adjustment   Released: 19 May 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: InputToOutput.dll   Menu: Adjustments >
	InputToOutput+ Author: Xarx Topic: 24904	Sets one image channel (RGBA) from another channel or from other basic pixel characteristic (CMYK component, HSV component, luminance, etc.) Type: Adjustment   Released: 15 Jun 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: InputToOutput+.dll   Menu: Adjustments >
	Inset Box Shadow Author: toe_head2001 Topic: 107381	Uses inner shadowing to create photo type frame of varying transparency. Imagine a square vignette which can be placed inside the edge of an image by a given margin. Source available. Type: Effect   Released: 02 Sep 2016   Status: Active   Compatibility: 4.0+ DLL Name: InsetBoxShadow.dll   Menu: Effects > Render

	<p>Inside Out Author: Ed Harvey Topic: 18811</p>	<p>Appears to be a Cartesian to polar transformation (i.e. rectangular image is distorted to circular). Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Distort</p>
	<p>IntenColor Author: P13Darksight Topic: 17484</p>	<p>Takes the intensity of the current pixel &amp; performs mathematical operations on it to adjust the color. Type: Effect   Released: 21 Dec 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: IntenColor.dll   Menu: Effects &gt; Color</p>
	<p>Intensity RGB Author: ReMake Topic: 116130</p>	<p>Change the color intensity of an image using a slider control for each of the R, G, and B channels. Type: Adjustment   Released: 18 Mar 2020   Status: Active   Compatibility: 4.2+ DLL Name: IntensityRGB.dll   Menu: Adjustments &gt;</p>
Filetype	<p>Interchange File Format Author: Martin Osieka Topic: 30238</p>	<p>Filetype plugin which loads files in some of the IFF file formats. No save option is supported. IFF is a container format which may contain numerous data types (images, animations, documents, audio, video, ...). This format was used on Atari and Amiga computers in the 1990's. Type: Filetype   Released: 31 Oct 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ImIFF.FileType.dll   Menu: N/A</p>
	<p>Interlace Author: tunedude Topic: 3573</p>	<p>Adds horizontal/vertical stripes of color/transparency to the image. Type: Effect   Released: 04 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Interlace.dll   Menu: Effects &gt;</p>
	<p>Interlocking Tiles Author: toe_head2001 Topic: 113640</p>	<p>Fills transparent areas of the canvas with an interlocking tile (designed for objects which naturally interlock when tiled). Type: Effect   Released: 01 May 2019   Status: Active   Compatibility: 4.1+ DLL Name: InterlockingTiles.dll   Menu: Effects &gt; Fill</p>
	<p>Invert Alpha Author: Mike Ryan Topic: 9625</p>	<p>Inverts the Alpha Channel based off of your set tolerance. Found in Mike Ryan's Plugins Type: Adjustment   Released: 29 Apr 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: InvertAlpha.dll   Menu: Adjustments &gt;</p>
Obsolete	<p>Invert Alpha Author: person_321 Topic: 15736</p>	<p>Deleted by Author as another plugin of this nature exists: use Invert Alpha. Type: Adjustment   Released: 08 Oct 2009   Status: Obsolete   Compatibility: Untested DLL Name: invert_alpha.dll   Menu: Adjustments &gt;</p>
	<p>Invert Anything Author: Xhin Topic: 115243</p>	<p>Invert a wide variety of things: Red, Green Blue, Hue, Saturation, Contrast, Alpha &amp; more. Type: Adjustment   Released: 10 Feb 2019   Status: Active   Compatibility: 4.2+ DLL Name: Invert_Anything.dll   Menu: Adjustments &gt;</p>
	<p>Invert around primary color Author: Enormator Topic: 14623</p>	<p>Invert colors around other colors. Type: Adjustment   Released: 26 Apr 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: invert_around_primcol.dll   Menu: Adjustments &gt;</p>
	<p>Invert Channels Author: person_321 Topic: 15754</p>	<p>Invert the intensity of any of the RGB channels. Found in Person_321's Texture &amp; Color Plugins Type: Adjustment   Released: 08 Nov 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: invert_channels.dll   Menu: Adjustments &gt;</p>
	<p>Invert Intensity Author: Ed Harvey Topic: 1768</p>	<p>Invert the intensity of the color range in an image. Found in Ed Harvey Effects v3.5 Type: Effect   Released: 09 Oct 2006   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll   Menu: Effects &gt; Color</p>



	iPhone Tab Bar Icon Maker Author: sradforth Topic: 17732	Helper for assisting with the creation of iphone icons. Also known as RGB Intensity to Alpha. Found in Stu's Effects. Type: Effect   Released: 01 Dec 2010   Status: Active   Compatibility: Untested DLL Name: iPhoneTabbarIconMaker.dll   Menu: Effects > Advanced
	Isolate Black / White Author: Mike Ryan Topic: 17865	Generates a B&W copy of the layer then applies it as an alpha mask. Type: Effect   Released: 25 Jan 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: IsolateWhiteBlack.dll   Menu: Effects > Color
	Isolate Lineart Author: silverhammer Topic: 13535	Converts a B/W image (like a pencil drawing) to a 'black and transparent' image. Type: Adjustment   Released: 16 Jan 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: isolate.dll   Menu: Adjustments >
	Isometric Cuboid Author: toe_head2001 Topic: 82358	Generates a Rectangular Cuboid and shows it using Isometric projection Type: Effect   Released: 12 May 2015   Status: Active   Compatibility: 4.0+ DLL Name: IsometricCuboid.dll   Menu: Effects > Render
	Isometric Tiler Author: Mallaboro Topic: 113226	Turns orthogonal images into isometric spritesheets. As of v1.0 it is limited only to tiles sized 64px x 128px tiles. Source includes & bat installer Type: Effect   Released: 09 Nov 2018   Status: Active   Compatibility: 4.1+ DLL Name: IsometricTiled.dll   Menu: Effects > Stylize
Plugin Pack	Jesse Chunn Plugin Pack Author: jchunn Topic: 8408	Effects: Soften edges, Focal point, Stencil, Color Replace, Varicose, Bricks. Type: Plugin Pack   Released: 21 Feb 2008   Status: Active   Compatibility: Untested DLL Name: N/A   Menu: N/A
	Jigsaw Puzzle Author: toe_head2001 Topic: 32391	Generates a Jigsaw Puzzle cut-out of an image. Type: Effect   Released: 10 Jun 2015   Status: Active   Compatibility: 4.0+ DLL Name: JigsawPuzzle.dll   Menu: Effects > Render
	Jitter v3.0 Author: pyrochild Topic: 4681	Jitters' each row of pixels by a random amount, giving a shimmy type effect. Found in Pyrochild's Plugins Type: Effect   Released: 27 Jun 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Jitter.dll   Menu: Effects > Distort
Deprecated	JPEG 2000 Author: Gumboot Topic: 910	Use JPEG 2000 instead. Type: Filetype   Released: 19 Mar 2006   Status: Deprecated   Compatibility: Untested DLL Name: JPEG 2000 x64.dll or JPEG 2000 x86.dll   Menu: N/A
Filetype	JPEG 2000 Author: null54 Topic: 25170	Loads and saves JPEG 2000 images, superseding the old JPEG 2000 plugin. Type: Filetype   Released: 13 Aug 2012   Status: Active   Compatibility: Untested DLL Name: Jpeg2000Filetype.dll and one of Jpeg2000IO_x64.dll or Jpeg2000IO_x86.dll   Menu: N/A
Unsupported	JPEG Effect Author: Simon Brown Topic: 15554	Distorts an image by running it through the JPEG codec. Found in Simon Brown's Legacy Plugin Pack. Type: Effect   Released: 27 Jul 2009   Status: Unsupported   Compatibility: 3.5.x, 4.0x DLL Name: JPEGEffect.dll   Menu: Effects > Distort
Filetype	JPEG XR Author: Chrysler Topic: 22283	Load and save JPEG XR (aka HD Photo) image files Type: Filetype   Released: 30 Jul 2011   Status: Active   Compatibility: Untested DLL Name: PDNJPEGXRPlugin.dll   Menu: N/A

<p>Julia "plus"  Author: MadJik  Topic: 111880</p>	<p>Based on the built-in Julia fractal effect, this version has more configurable options. Found in Magical Plugins Megapack.  Type: Effect   Released: 14 Oct 2017   Status: Active   Compatibility: 4.0+  DLL Name: JuliaPlus.dll   Menu: Effects &gt; Texture</p>
<p>Jumble  Author: Curtis  Topic: 8043</p>	<p>Jumbles the image in horizontal and vertical elements. Found in Curtis' Plugin Pack. Three DLL's contain a number of effects.  Type: Effect   Released: 31 Jan 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll &amp; CurtisBlack.Common.dll   Menu: Effects &gt; Distort</p>
<p>KaleidGen  Author: MadJik  Topic: 4852</p>	<p>Generate kaleidoscopes from scratch using selectable auto generated shapes. Found in Magical Plugins Megapack.  Type: Effect   Released: 07 Oct 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: KaleidoGen.dll   Menu: Effects &gt; Render</p>
<p>Kaleidoscope  Author: MadJik  Topic: 3428</p>	<p>Turn images into kaleidoscopes. Found in Magical Plugins Megapack.  Type: Effect   Released: 31 Mar 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Kaleidoscope.dll   Menu: Effects &gt; Distort</p>
<p>Kaleidoscope Effect  Author: pleabo  Topic: 20081</p>	<p>Generate kaleidoscopic effects. Has center point selector and a source angle rotator. Also known as DPL Kaleidoscope. 3.5.11 version compiled by Maximilian.  Type: Effect   Released: 10 Sep 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: DPL KAL.dll   Menu: Effects &gt; Distort</p>
<p>Kill Color Keeper  Author: Pratyush  Topic: 112400</p>	<p>Update of Jotaf's Grim Color Reaper. User has the option of killing (removing) the specified color, or keeping it (removing other colors).  Type: Effect   Released: 02 Mar 2018   Status: Active   Compatibility: 4.0+  DLL Name: Kill Color Keeper.dll   Menu: Effects &gt; Color</p>
<p>Kill Color v1.1  Author: HiPhiSch  Topic: 13884</p>	<p>Removes a color from the selected part of the image and tries to find a substitution for it by analyzing the surrounding parts.  Type: Effect   Released: 14 Feb 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: phips_kill_color.dll   Menu: Effects &gt; Color</p>
<p>Koch Snowflake Fractal  Author: stuff_gnome  Topic: 15270</p>	<p>Renders the Koch fractal snowflake in configurable complexity, with brushwidth &amp; antialias options.  Type: Effect   Released: 29 Jun 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Koch_Snowflake.dll   Menu: Effects &gt; Render</p>
<p>Kodak Tri-x 400 Emulator  Author: johandanforth  Topic: 28516</p>	<p>Emulates a Kodak Tri-x 400 filter (enhanced greyscale). Tri-X is a classic high-speed black-and-white photographic film from Kodak. Tri-X 400 is usually rated at ISO 400 when processed in standard developers and remains among the fastest black-and-white films today.  Type: Effect   Released: 06 Jan 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Trix400.dll   Menu: Effects &gt;</p>
<p>Plugin Pack</p>	<p>KrisVDM's Plugin Pack  Author: KrisVDM  Topic: 8375</p> <p>Plugin pack contains installer and a DLL file. Run installer to selectively install effects in this pack. Effects: Drop Shadow, Duotone Light, Duotone Ink on Paper, Cyanotype, Sepia 2, Grayscale on Colored Paper, Monochrome Ink on Paper, Average Blur, Smart Blur, Color Accent, Fade Edge, Gradient, Gridlines, Object Align.  Type: Plugin Pack   Released: 19 Feb 2008   Status: Active   Compatibility: Untested  DLL Name: Install.exe and Vandermotten.PaintDotNetEffects.Installer.dll install:   Menu: N/A</p>

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Kuwahara Filter Author: null54 Topic: 111614	A noise-reduction filter which smooths out the subject while preserving the definition of edges between tones. Type: Effect   Released: 08 Mar 2017   Status: Active   Compatibility: 4.0+ DLL Name: Kuwahara.dll   Menu: Effects > Noise
Lameography Author: BoltBait Topic: 11785	paint.net 4.0x version of BoltBait's Lomography plugin. Type: Effect   Released: 25 May 2014   Status: Active   Compatibility: 4.0+ DLL Name: Lameography.dll   Menu: Effects > Photo
Laplacian pyramid filter Author: MichaelVinther Topic: 24563	Improve the overall illumination of photos, typically when the scene is in shadow. Can smooth or enhance details in a photo without smoothing edges. Type: Effect   Released: 04 Jul 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: LaplacianPyramidFilter.dll   Menu: Effects > Photo
Lattice Author: Ed Harvey Topic: 18811	Transform the image to a duotone (Primary/Secondary) lattice. Effect is not unlike a embroidery pattern. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll & EdHarvey.Effects.pdb   Menu: Effects > Render
Lattice Transform Author: Xhin Topic: 115253	Takes a triangular section of an image and tiles it over the entire image. Similar to a six-sided kaleidoscope with resultant hexagons. Type: Effect   Released: 10 Apr 2019   Status: Active   Compatibility: 4.2+ DLL Name: Lattice_Transform.dll   Menu: Effects > Distort
Layer Cake Author: TechnoRobbo Topic: 26566	Slice an image into concentric circles and applies incremental rotations to each slice. Type: Effect   Released: 06 Nov 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Layer Cake.dll   Menu: Effects > Distort
Layer Saver Author: I Like Pi Topic: 9704	Incompatible with 4.0x. Standalone executable saves each layer in a paint.net file as a separate file. Type: External Resource   Released: 05 Apr 2008   Status: Active   Compatibility: 3.5.x DLL Name: Layer Saver.exe   Menu: N/A
LCD Subsampling resize Author: xrl Topic: 7775	Resizes image horizontally at 50% while retaining sharpness. Type: Adjustment   Released: 16 Jan 2008   Status: Active   Compatibility: 3.5.x DLL Name: SubLCD.dll   Menu: Adjustments >
Lens Author: Ed Harvey Topic: 18811	Overlay a magnifying lens. Size of lens is not configurable, but magnification is. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll & EdHarvey.Effects.pdb   Menu: Effects > Distort
Lens Distortion Correction Author: hihellohi Topic: 26347	Distortion correction effect. Also displays meta data (Exif). Type: Effect   Released: 05 Jan 2013   Status: Active   Compatibility: Untested DLL Name: Lens.dll   Menu: Effects > Render
Lens Flare Author: MadJik Topic: 7186	Adds light induced flares to the bright spots in your image. Found in Magical Plugins Megapack. Type: Effect   Released: 12 Sep 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: LensFlare.dll   Menu: Effects > Render

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<p>Lens Flare  Author: MadJik  Topic: 112248</p>	<p>Mimics a photographic lens flare (created when non-image forming light enters the camera lens or digital sensor). Lens flares appear as a string of polygonal shapes extending from the light source across the image. Found in Magical Plugins Megapack.  Type: Effect   Released: 01 Nov 2018   Status: Active   Compatibility: 4.0+  DLL Name: LensFlare.dll   Menu: Effects &gt; Render</p>
<p>Lens Flare (aka CameraTrousersFlare)  Author: sradforth  Topic: 25128</p>	<p>Adds sunlight induced lens flare effect to images. You've gotta love the name.  Type: Effect   Released: 08 Apr 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: CameraTrousersFlareV3.dll   Menu: Effects &gt; Render</p>
<p>Level Horizon  Author: BoltBait  Topic: 31736</p>	<p>Correct photos which have been taken on a tilt by levelling the horizon.  Type: Effect   Released: 20 Apr 2015   Status: Active   Compatibility: 4.0+  DLL Name: LevelHorizon.dll   Menu: Effects &gt; Photo</p>
<p>Light Rays  Author: MadJik  Topic: 4495</p>	<p>Draws 'rays' of light from the center (can be offset). Uses alternated triangles as the rays. Found in Magical Plugins Megapack.  Type: Effect   Released: 15 Jun 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: LightRays.dll   Menu: Effects &gt; Render</p>
<p>Lightning  Author: cookies  Topic: 19792</p>	<p>Create lightning, smoke and other cool energy bolts.  Type: Effect   Released: 28 Aug 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Lightning.dll   Menu: Effects &gt; Render</p>
<p>Line Tracer  Author: TechnoRobbo  Topic: 26571</p>	<p>An edge detection / lineart effect with options to configure Line Width, Threshold (strength of the effect) and Color.  Type: Effect   Released: 06 Dec 2013   Status: Active   Compatibility: Untested  DLL Name: Line Tracer.dll   Menu: Effects &gt; Artistic</p>
<p>Lines/Grid  Author: ReMake  Topic: 31637</p>	<p>Creates vertical/horizontal lines or grids. Line width and coloring options. Also available in Russian.  Type: Effect   Released: 15 Mar 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: LinesGrid_en.dll   Menu: Effects &gt; Render</p>
<p>Linocut  Author: ReMake  Topic: 31859</p>	<p>Mimics the Linocut printmaking technique which uses grooves cut into a sheet of linoleum to create a relief surface. The grooves appear white, the rest of the image black - unless inverted. Also available in Russian. Source available.  Type: Effect   Released: 31 May 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Linocut_en.dll or Linocut_ru.dll   Menu: Effects &gt; Artistic</p>
<p>Liquify  Author: pyrochild  Topic: 20688</p>	<p>Similar to Photoshop's Liquify or GIMP's IWarp. Compatible with Photoshop's mesh files. Found in Pyrochild's Plugins  Type: Effect   Released: 26 Dec 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Liquify.dll   Menu: Effects &gt; Tools</p>
<p>List of color palettes  Author: MadJik  Topic: 112527</p>	<p>Tiles PDN palettes in the /Palettes/ folder to the canvas. Found in Magical Plugins Megapack.  Type: Effect   Released: 03 Jan 2018   Status: Active   Compatibility: 4.0+  DLL Name: ListOfPalettes.dll   Menu: Effects &gt; Tools</p>
<p>Local Contrast Enhancement  Author: Tanel  Topic: 8169</p>	<p>Clarify flat or hazy looking photos by selectively adjusting the contrast. Found in Tanel's Plugin Pack.  Type: Effect   Released: 02 Aug 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: LocalContrast.dll   Menu: Effects &gt; Photo</p>

	<p>Local Noise Author: davidf Topic: 25467</p>	<p>Similar to the Frosted Glass effect, but with more configuration options (Radius, Strength, Coverage, Distance Bias, etc...). Great for adding a bit of diffusion to an element. Type: Effect   Released: 18 Oct 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: LocalNoise.dll   Menu: Effects &gt; Noise</p>
	<p>Local Stats Denoising Filter Author: MichaelVinther Topic: 114911</p>	<p>Noise reduction filter. Works by averaging similar texture patches to reduce noise and at the same time preserve edges and details. Use to improve photos taken at high ISO values. Type: Effect   Released: 18 Aug 2019   Status: Active   Compatibility: 4.2+ DLL Name: LocalStatsDenoisingFilter.dll   Menu: Effects &gt; Noise</p>
	<p>Lomography Author: BoltBait Topic: 11785</p>	<p>Simulate the effects of a Lomo camera : high contrast, twisted colors and a noticeable vignette. Type: Effect   Released: 13 Sep 2008   Status: Active   Compatibility: 3.5.x DLL Name: Lomography.dll   Menu: Effects &gt; Photo</p>
	<p>LookAtIt.Effect Author: Midora Topic: 31629</p>	<p>View image files including animated image files. Supported formats: Animated GIFs: *.gif, *.agif, Animated IFFs: *.anim, *.iff, *.ilbm, *.lbm (Amiga and Atari), Animated PNGs: *.png, *.apng (ImAPNG. FileType required), Animated WebPs: *.webp, *.awebp (ImAWEBP. FileType required) Type: Effect   Released: 13 Mar 2015   Status: Active   Compatibility: 4.0+ DLL Name: LookAtIt.Effect.dll/dlc/.lai   Menu: Effects &gt; Tools</p>
Filetype	<p>Low Color Filetype (bmp, gif, png) Author: jxp Topic: 15317</p>	<p>Save images as 16 color bitmaps or gifs. Previously known as '16 Colors'. Type: Filetype   Released: 02 Apr 2009   Status: Active   Compatibility: 3.5.x DLL Name: LowColor.dll   Menu: N/A</p>
Plugin Pack	<p>MadJik' Plugin Pack (aka Magical Plugins Megapack) Author: MadJik Topic: 7186</p>	<p>Over 60 effects: Color Zoom Blur, Gradient Blur, Change Extreme Colors, Color Aberration, Expand Color, Recolor Gray, Reverse Colors, Distorting Mirror, Donut Distortion, Gravity, Kaleidoscope, Magnifier, Melting, otion Sharpen, Oblique, Page Curl, Paneling, Polar Transformations, Seamless Texture Maker, Sine Wave, Tiles Reflection, Tube Effect, TwistZ, Water Reflection, Waves, Wet Floor Reflection, Auto Chrome Noise, Smooth Noise, Bars, Buttons, Fractal Curly Tree, Fractal Fern Leaf, Frames, Grid Maker, Hexagonal Grid, KaleidGen, Lens Flare, Random Lines, Random Maze1, Random Maze2, Rosaces, Shapes, Sparkles, Spiral, SpiroGraph, SpiroShapes, Splashes, Stars, Volutes, XY Coords, Spot the Centre, Majority Color, Over Liner, Star Glow, Varicose 2, Animal Texture, Auto Chrome Grain, Color Modulo, Fractal Attractor, Hilbert curve, Julia 'plus', Light Rays, Moire, Nebulous, Newton Fractal, Perlin Texture, Radial Colors, Rainbow Twist Colors, Regular Noise, Sierpinski Triangle, Tournesol, Vibrato, Fill from Palette, Generate 96 Colors, List of Palettes, Displacement, Polygones. Type: Plugin Pack   Released: 12 Oct 2007   Status: Active   Compatibility: 3.5.x DLL Name: N/A   Menu: N/A</p>
	<p>Magnifier (Lens+) Author: MadJik Topic: 19514</p>	<p>An evolution of the Ed Harvey's Lens effect, with enhanced features &amp; options. Found in Magical Plugins Megapack. Type: Effect   Released: 27 Jul 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Magnifier.dll   Menu: Effects &gt; Distort</p>
	<p>Majority Color Author: MadJik Topic: 3978</p>	<p>Each pixel takes the value of its neighbors that have the majority. Found in Magical Plugins Megapack. Type: Effect   Released: 05 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Majority.dll   Menu: Effects &gt; Stylize</p>
Obsolete	<p>Make Colour Transparent Author: Simon Brown Topic: 10841</p>	<p>Obsolete. Use Color to Alpha Advanced. Type: Effect   Released: 16 Jul 2008   Status: Obsolete   Compatibility: Untested DLL Name: Unknown   Menu: N/A</p>

Make Transparent Author: GoldenCrystal Topic: 9667	Make an image transparent in respect of the chosen color. In other words this is another color to alpha plugin. Type: Effect   Released: 05 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: MakeTransparent.dll   Menu: Effects > Color
Make-3D Author: zaya Topic: 114991	Outputs a faux 3D image where the 3rd dimension (height) is determined by intensity of the color. Type: Effect   Released: 26 Aug 2019   Status: Active   Compatibility: 4.2+ DLL Name: make-3d.dll   Menu: Effects > Stylize
Mandala Author: NomBot Topic: 110890	Renders and rotate cardinal splines in color and with various brush settings. Type: Effect   Released: 16 Jan 2017   Status: Active   Compatibility: 4.0+ DLL Name: mandala.dll & mandala.dlc, OptionBasedLibrary v0.7.9.dll & OptionBasedLibrary v0.7.9.dlc   Menu: Effects > Render
Manual Color Correction Author: Gaeriel Topic: 22977	Change colors by transforming one color into another. Similar to the 'Manual Color Correction' tool in Paint Shop Pro. Type: Adjustment   Released: 26 Oct 2011   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ManualColorCorrection.dll   Menu: Adjustments >
MathLaTeX Author: Ego Eram Reputo Topic: 116703	Render equations marked up in MathLaTeX syntax. Type: Effect   Released: 07 Mar 2020   Status: Active   Compatibility: 4.2+ DLL Name: MathLaTex.dll and WpfMath.dll   Menu: Effects > Text Formations
Matrice Author: MadJik Topic: 7186	An emboss type effect with coloring options. Can be used to fake metallic sheen and edge detection. Type: Effect   Released: 12 Sep 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Matrice.dll   Menu: Effects > Stylize
Incompatible Measure Object Author: Martin Osieka Topic: 28108	Measures an object in a selection within the active layer. Measurements returned are: area, location, width, height, diagonal, and angles of the bounding rectangle. Type: Effect   Released: 27 Mar 2014   Status: Incompatible   Compatibility: 3.5.x, 4.0x DLL Name: MeasureObject.dll & MeasureObject.dlc. OptionBasedLibrary vY.Y.dll & OptionBasedLibrary vY.Y.dlc   Menu: Effects > Object
Measure Selection Author: Martin Osieka Topic: 26236	Take measurements of an active selection or the whole layer. Option include setting the unit, dpi and scale. Useful for mapping or technical drawings. Type: Effect   Released: 04 Feb 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: MeasureSelection.dll & MeasureSelection.dlc   Menu: Effects > Tools
Melting Author: MadJik Topic: 112077	This effect takes the top of the selected region and distorts to make it appear as if it was melting. Found in Magical Plugins Megapack. Type: Effect   Released: 12 May 2017   Status: Active   Compatibility: 4.0+ DLL Name: Plugin Melting.dll   Menu: Effects > Distort
Metallize Author: dpy Topic: 15386	Applies a chrome or metallic sheen to an image (an effect like the Predator's vision). Great for faking all sorts of metals. Found in dpy's Pack. Type: Effect   Released: 07 Dec 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Metallize.dll   Menu: Effects > Color
Mexican Hat Edge Detect Author: PhilipLB Topic: 8638	A simple Mexican Hat edge detection filter. Type: Effect   Released: 03 Jul 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Mexican Hat Edge Detect.dll   Menu: Effects > Stylize

Plugin Pack	<p>Mike Ryan's Plugins  Author: Mike Ryan  Topic: 11645</p>	<p>Effects: Alias, Color Trimming, Input to Output, Brightness/ Darkness to Alpha, Invert Alpha, Silhouette Plus.  Type: Plugin Pack   Released: 09 Mar 2008   Status: Active   Compatibility: 3.5.x  DLL Name: N/A   Menu: N/A</p>
	<p>Mirror / Rotate  Author: null54  Topic: 28801</p>	<p>v4.0x version of Mirror / Rotate - originally found in Toli's Effects plugin pack.  Type: Effect   Released: 06 May 2014   Status: Active   Compatibility: 4.0+  DLL Name: MirrorRotate.dll, MirrorRotate.ini &amp; IniFile.dll (required)   Menu: Effects &gt;</p>
	<p>Mirror / Rotate  Author: Toli  Topic: 6686</p>	<p>Mirror selection horizontally, vertically, or over a diagonal. Rotate a selection. Found in Toli's Effects.  See also Mirror / Rotate Menu  Type: Effect   Released: 11 Jun 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: MirrorRotate.dll, MirrorRotate.ini &amp; IniFile.dll (required)   Menu: Effects &gt;</p>
	<p>Mirror / Rotate Menu  Author: null54  Topic: 28801</p>	<p>v4.0x version of Mirror / Rotate Menu - originally found in Toli's Effects plugin pack.  Type: Effect   Released: 06 May 2014   Status: Active   Compatibility: 4.0+  DLL Name: MirrorRotateMenu.dll, MirrorRotateMenu.ini &amp; IniFile.dll (required)   Menu: Effects &gt;  Mirror</p>
	<p>Mirror / Rotate Menu  Author: Toli  Topic: 6686</p>	<p>Mirror selection horizontally, vertically, or over a diagonal. Rotate a selection. This is the same effect as Mirror/Rotate but houses the effects in the Mirror submenu. Found in Toli's Effects.  Type: Effect   Released: 11 Jun 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: MirrorRotateMenu.dll, MirrorRotateMenu.ini &amp; IniFile.dll (required)   Menu: Effects &gt;  Mirror</p>
	<p>Mirror Over Line  Author: evanolds  Topic: 13003</p>	<p>Mirror an image across a vertical or horizontal line. Found in Evan's Effects.  Type: Effect   Released: 14 Jan 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EOEffects.dll   Menu: Effects &gt; Mirror</p>
	<p>Mirror Selection  Author: GOAE  Topic: 28435</p>	<p>Mirror a selection horizontally, vertically or both.  Type: Effect   Released: 18 May 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Mirror.dll   Menu: Adjustments &gt;</p>
	<p>Mise En Abyrne  Author: MJW  Topic: 117293</p>	<p>Recursively copies the image into a selection to achieve a picture-in-a-picture effect (referred to as mise en abyme or the Droste effect).  Type: Effect   Released: 25 Oct 2020   Status: Active   Compatibility: 4.2+  DLL Name: Mise En Abyrne.dll   Menu: Effects &gt; Selection</p>
	<p>Mismatch Eraser  Author: MJW  Topic: 113556</p>	<p>Erase or retain pixels on the source canvas that don't match the clipboard.  Type: Effect   Released: 14 Dec 2018   Status: Active   Compatibility: 4.1+  DLL Name: MismatchEraser.dll   Menu: Effects &gt; Color</p>
	<p>Modify Channels v1.0.0  Author: LWChris  Topic: 110805</p>	<p>Create and configure multiple channel modifications. Each modification manipulates one image channel, using one or more arguments to calculate the new value for the target channel.  Type: Adjustment   Released: 23 Dec 2016   Status: Active   Compatibility: 4.0+  DLL Name: ModifyChannels.dll   Menu: Adjustments &gt;</p>
	<p>Moire  Author: MadJik  Topic: 8450</p>	<p>This texture plugin replaces the selection (or the active layer if no selection) with colourful concentric rings. Found in Magical Plugins Megapack.  Type: Effect   Released: 24 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Moire.dll   Menu: Effects &gt; Texture</p>

Unsupported	Monochrome Author: hollander Topic: 5512	Unsupported. Download links fail. Converts image to monochrome (black, white & color supported). Type: Effect   Released: 18 Aug 2007   Status: Unsupported   Compatibility: Untested DLL Name: Unknown   Menu: Unknown
	Monochrome Ink on Paper Author: KrisVDM Topic: 8375	Recolors image a single specified hue. Transparent areas are left unchanged. Found in Kris VDM's Plugin Pack. Type: Adjustment   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Vandermotten.PaintDotNetEffects.Monochromes.dll & Vandermotten.PaintDotNetEffects.dll   Menu: Adjustments >
	Mosaic Effect - v1.0.0.0 Author: Tim! Topic: 14354	Converts a drawing into a mosaic pattern, using the Secondary colour as the adhesive or grout between the tesserae. Found in Tim's Effects. Type: Effect   Released: 31 Mar 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: LavEnt.Effects.Mosaic.dll   Menu: Effects > Artistic
Obsolete	Mosaic Maniac (Collage Paint) Author: MosaicManiac Topic: 14969	Incompatible with PDN 4.2+. Paint with whole collections of images! Creates a unique non repeatable pattern of images form a directory of images. Menu title is Collage Paint. Type: Effect   Released: 06 Jan 2009   Status: Obsolete   Compatibility: 3.5.x, 4.0x DLL Name: MosaicManiac.dll   Menu: Effects > Artistic
	Motion Sharpen Author: MadJik Topic: 9282	Directional sharpening. Think of it as the natural opposite of Motion Blur. Found in Magical Plugins Megapack. Type: Effect   Released: 04 Dec 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: MotionSharpen.dll   Menu: Effects > Distort
	Multi Color Gradient Author: romein Topic: 8527	Create a Linear, Radial, or Square multi-colored gradient with custom colors, direction and opacity. Type: Effect   Released: 29 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: MultiColorGradient.dll   Menu: Effects > Render
	Multi-Threshold Author: dpy Topic: 18368	Run multiple 'threshold' filters at once. Excellent for turning a photo into Warhol inspired pop-art. Found in dpy's Pack Type: Effect   Released: 20 Mar 2010   Status: Active   Compatibility: 3.5.x DLL Name: MultiThreshold.dll   Menu: Effects > Color
	MultiSpline Author: Red Ochre Topic: 31933	Renders a series of closely spaced 'splines' (a spline is a smooth curve through points). Uses either random displacement or the source layer as it's base. Large number of options to customize the effect. Type: Effect   Released: 21 Jun 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: MultiSpline.dll   Menu: Effects > Iterative Lines
	MultiView Warp Author: Ed Harvey Topic: 18811	Distorts an image into a multifaceted view. Similar to the Fragment Blur without the blurring, or Glass Blocks without the rounded edges. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll & EdHarvey.Effects.pdb   Menu: Effects > Distort
	MyCreaLogo Author: roro69 Topic: 111028	NB: French language plugin. Creates wordart syle text transformations. Many options. Type: Effect   Released: 16 Feb 2017   Status: Active   Compatibility: 4.0+ DLL Name: Rogers.dll   Menu: Effects > CreaTexte
	Nebulous Author: MadJik Topic: 7186	Creates a brightly colored rainbow halo which appears pinched up in the centre. Found in Magical Plugins Megapack. Type: Effect   Released: 12 Sep 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Nebulous.dll   Menu: Effects > Texture



Nebulous texture Author: MadJik Topic: 111774	Uses a formula originally provided by Tom Jackson (CodeLab originator) to fill the canvas with a colored pattern (rainbow colors). Found in Magical Plugins Megapack Type: Effect   Released: 20 Sep 2017   Status: Active   Compatibility: 4.0+ DLL Name: Nebulous.dll   Menu: Effects > Texture	
Neon Edges Author: ReMake Topic: 31657	Simulated neon glow around the edges in an image. Options: line thickness, glow intensity, hue & saturation. Two versions are available, one for 3.5x and 4.0x and an enhanced version for 4.0x only. Both versions are also available in Russian. Type: Effect   Released: 23 Mar 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: NeonEdges_en.dll or NeonEdges_ru.dll   Menu: Effects > Stylize	
Newton Fractal texture Author: MadJik Topic: 111758	Fills the layer or selection with the Newton fractal. The Newton fractal is a boundary set in the complex plane which is characterized by Newton's method applied to a fixed polynomial $p(Z) \in \mathbb{C}[Z]$ or transcendental function. Beautiful colorful fractals in other words. Found in Magical Plugins Megapack Type: Effect   Released: 16 Sep 2017   Status: Active   Compatibility: 4.0+ DLL Name: NewtonFractal.dll   Menu: Effects > Texture	
NewtonFractal Author: MadJik Topic: 7186	Fractal generator. Creates colored flower-type petals infilled with colored noise. Found in Magical Plugins Megapack. Type: Effect   Released: 12 Sep 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: NewtonFractal.dll   Menu: Effects > Texture	
Night Vision Author: pleabo Topic: 20643	Transform a scene into a green filtered 'Night Vision' version. Type: Effect   Released: 19 Dec 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: DPLNightVision.dll   Menu: Effects > Color	
Noise Bleacher Author: TechnoRobbo Topic: 26561	Desaturates and adds noise to an image. Options to control the desaturation hues and noise intensity. Type: Effect   Released: 06 Oct 2013   Status: Active   Compatibility: 3.5.x DLL Name: NoiseBleach.dll   Menu: Effects > Color	
Noise Reduction Author: ncoquard Topic: 18490	Noise reduction plugin, written specifically to reduce the artefacts in JPG images. Type: Effect   Released: 04 Jun 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: JPGNoiseReduction.dll   Menu: Effects > Noise	
Noisechoice Author: Red Ochre Topic: 24397	Add noise, with a range of choices including anti-aliasing to transparency. Found in Red Ochre's Plugin Pack Type: Effect   Released: 17 Mar 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: noisechoice.dll   Menu: Effects > Noise	
Normal Map Author: stinger Topic: 2534	Height field (gray scale) to normal map (creates a much better illusion of height). Type: Effect   Released: 31 Dec 2006   Status: Active   Compatibility: 3.5.x DLL Name: HeightToNormal.dll   Menu: Effects >	
Unsupported	Normal Map Renderer Author: eekysam Topic: 24587	Renders normal maps. Has a cinematic light that which can be moved around the virtual 3D surface. Also has exponential drop-off/spread settings which can be used to modify sharpness, contrast, brightness, and angle effect (dialog is deceptively simple). Plugin is no longer being developed. Type: Effect   Released: 04 Nov 2012   Status: Unsupported   Compatibility: 3.5.x DLL Name: Norm_Render.dll   Menu: Effects > Texture
	Normal Tools v1.1 Author: gOUJOSAMMA Topic: 23936	Suite of three plugins for the creation of Normal Maps. Type: Effect   Released: 24 Jan 2012   Status: Active   Compatibility: 3.5.x DLL Name: DrPrepper.dll, Normalizer.dll & BumpChecker.dll   Menu: Effects > The Normal Tools

	<p>Normalize  Author: PhilipLB  Topic: 8631</p>	<p>Normalize stretches the histogram (entire color range is used).  Type: Effect   Released: 03 Jun 2008   Status: Active   Compatibility: 3.5.x  DLL Name: Normalize.dll   Menu: Effects &gt; Photo</p>
Obsolete	<p>NormalMap 1.1  Author: harold  Topic: 13362</p>	<p>Obsolete. Use either NormalMapPlus(PDN 4) or NormalMapPlus v1.0 (PDN 3.5x)  Type: Effect   Released: 01 Feb 2009   Status: Obsolete   Compatibility: 3.5.x  DLL Name: NormalMap.dll   Menu: Effects &gt; Color</p>
	<p>NormalMap Restore Z from X and Y  Author: xrModder  Topic: 117450</p>	<p>Converts an XY normal map to an XYZ version.  Type: Effect   Released: 25 Nov 2020   Status: Active   Compatibility: 4.2+  DLL Name: xy2xyz.dll   Menu: Effects &gt;</p>
	<p>NormalMapPlus  Author: MJW  Topic: 111602</p>	<p>The latest version of the NormalMap plugin (previous versions by Harold and Simon Brown). Uses a Sobel Filter to calculate the first order derivatives of the image (think: emboss). The three sliders control the strength of the effect (depth of the embossing).  Type: Effect   Released: 31 Jul 2017   Status: Active   Compatibility: 4.0+  DLL Name: NormalMapPlus.dll   Menu: Effects &gt; Stylize</p>
Deprecated	<p>NormalMapPlus v1.0  Author: Simon Brown  Topic: 17010</p>	<p>Incompatible with 4.0x. Use NormalMapPlus.  Type: Effect   Released: 16 Nov 2009   Status: Deprecated   Compatibility: 3.5.x, 4.0x  DLL Name: NormalMapPlus.dll   Menu: Effects &gt; Stylize</p>
Plugin Pack	<p>Null54's Plugin Pack  Author: null54  Topic: 109415</p>	<p>Plugin pack. Effects: Kuwahara filter, PSFilterPdn, Radical Image Optimization Tool (RIOT), Soft Proofing, Twainable+. FileTypes: Base 64 FileType, EA Fsh FileType, Image Tiling FileType, JPEG 2000 FileType, Optimized JPEG FileType, Paint Shop Pro FileType, Photoshop Brush FileType, Photoshop Pattern FileType, Raw FileType, WebP FileType.  Type: Plugin Pack   Released: 15 Jun 2016   Status: Active   Compatibility: 4.0+  DLL Name: N/A   Menu: N/A</p>
	<p>Object Align  Author: KrisVDM  Topic: 8375</p>	<p>Realigns an object within a selection vertically, horizontally, left, right or centrally (and combinations). Found in Kris VDM's Plugin Pack.  Type: Effect   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Vandermotten.PaintDotNetEffects.ObjectAlign.dll &amp; Vandermotten.PaintDotNetEffects.dll   Menu: Effects &gt; Object Align</p>
	<p>Object Bevel  Author: Red Ochre  Topic: 26280</p>	<p>Apply different shaped bevels to an object, with either parallel or perspective lighting at a full range of angles. Bevels types: convex round, inset convex, convex bevel, convex chamfer, double convex, convex linear-flat, convex flat-linear, concave round, inset concave, flat.  Type: Effect   Released: 14 Apr 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ObjectBevel.dll   Menu: Effects &gt; Object</p>
	<p>Object Edges  Author: Red Ochre  Topic: 25477</p>	<p>Produces a range of outline/bevel effects on objects. Found in Red Ochre's Plugin Pack  Type: Effect   Released: 20 Oct 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Object2colour.dll   Menu: Effects &gt; Object</p>
	<p>Object Inner Shadow  Author: BoltBait  Topic: 31464</p>	<p>Inner Shadow projects a shadow from the edge of an object inwards. The shadow fades as it extends inwards. The natural twin to Drop Shadow in many respects. Part of BoltBait's plugin pack (3.5.x and 4.x)  Type: Effect   Released: 29 Jan 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: InnerShadow.dll   Menu: Effects &gt; Object</p>

	<p>Object Pruner  Author: MJW  Topic: 113962</p>	<p>Conditionally erases 'objects' based on their size (the number of pixels making up the object). 'Objects' are connected regions of non-transparent pixels.  Type: Effect   Released: 24 Mar 2019   Status: Active   Compatibility: 4.1+  DLL Name: Object Pruner.dll   Menu: Effects &gt; Object</p>
Obsolete	<p>Object Reflections - Wet Floor Effect  Author: BoltBait  Topic: 2161</p>	<p>Obsolete. Use [member=MadJik]'s Wet Floor Reflection.  Type: Effect   Released: 11 May 2006   Status: Obsolete   Compatibility: Untested  DLL Name: Unknown   Menu: N/A</p>
Deprecated	<p>Object Shadow  Author: BoltBait  Topic: 32048</p>	<p>Replaced by Object Shadow Pro. Drop shadow effect for objects. For a code walk-through see How to Write an Effect Plugin (Part 7 - Extra Surface)  Type: Effect   Released: 08 Jun 2015   Status: Deprecated   Compatibility: 4.0+  DLL Name: ObjectTools.dll   Menu: Effects &gt; Object</p>
	<p>Object Shadow Pro v1.0  Author: BoltBait  Topic: 116317</p>	<p>Create various types of shadowing effects for objects (pixels surrounded by transparency). Drop shadows, modern and 3D shadowing are all supported. Replaces BoltBait's Object Shadow in his plugin pack.  Type: Effect   Released: 27 Apr 2020   Status: Active   Compatibility: 4.2+  DLL Name: ObjectShadowPro.dll   Menu: Effects &gt; Object</p>
Plugin Pack	<p>Object Tools  Author: BoltBait  Topic: 32048</p>	<p>A mini pack of effects which work on objects (groups of pixels with surrounding transparency). Bevel Object, Feather Object, Inner Shadow, Outline Object, Found in BoltBait's Plugin Pack  Type: Plugin Pack   Released: 21 Jul 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ObjectTools.dll   Menu: Effects &gt; Object</p>
	<p>Object2color  Author: Red Ochre  Topic: 25420</p>	<p>Recolor opaque objects with anti-aliased edges on a transparent layer. Found in Red Ochre's Plugin Pack  Type: Effect   Released: 10 Jun 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Object2colour.dll   Menu: Effects &gt; Object</p>
	<p>Oblique Effect  Author: MadJik  Topic: 2524</p>	<p>Incline images vertically horizontally or both. Found in Magical Plugins Megapack.  Type: Effect   Released: 30 Dec 2006   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Oblique.dll   Menu: Effects &gt; Distort</p>
	<p>Octagonal/Quad reshape/matte  Author: evanolds  Topic: 2642</p>	<p>Reshape the image or crop to an arbitrary quad or octagonal region. Found in Evan's Effects.  Type: Effect   Released: 14 Jan 2007   Status: Active   Compatibility: Untested  DLL Name: EOEffects.dll   Menu: Effects &gt; Distort</p>
	<p>Offset  Author: TechnoRobbo  Topic: 26605</p>	<p>Offset the layer or selection in horizontal and/or vertical directions. Image wraps at the edges. A less complicated version of the Panelling Effect.  Type: Effect   Released: 16 Jun 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Offset.dll   Menu: Effects &gt; Object</p>
	<p>Offset Alternating Stripes  Author: MJW  Topic: 109769</p>	<p>Creates alternating stripes of pixels with configurable horizontal offset, width and separation. Angle, Edge Behavior and Quality options are also available. See post #9 for 3.5.11 version.  Type: Effect   Released: 30 Jun 2016   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: OffsetAlternatingStripes.dll   Menu: Effects &gt; Distort</p>
	<p>Oil Painting+  Author: BoltBait  Topic: 109948</p>	<p>Updated Oil Painting artistic effect which produces a more natural looking oil painting. Found in BoltBait's Plugin Pack  Type: Effect   Released: 07 Nov 2016   Status: Active   Compatibility: 4.0+  DLL Name: OilPaintingPlus.dll   Menu: Effects &gt; Artistic</p>

Unsupported	Olden 1.5 Author: Simon Brown Topic: 11068	Incompatible with 4.0x. Applies and aged look to your image. Found in Simon Brown's Plugin Pack. Type: Effect   Released: 31 Jul 2008   Status: Unsupported   Compatibility: 3.5.x, 4.0x DLL Name: Olden.dll   Menu: Effects > Photo
	OldPC Author: AtariSMN82 Topic: 116759	MSX & ZX Spectrum graphic emulator Type: Effect   Released: 15 Jul 2020   Status: Active   Compatibility: 4.2+ DLL Name: OldPC.dll   Menu: Effects > Color
Filetype	OpenRaster Filetype Author: Zagna Topic: 20984	Ora file support. Requires exe download/run to install. Type: Filetype   Released: 02 Jun 2011   Status: Active   Compatibility: 3.5.x DLL Name: OpenRasterFiletype.dll   Menu: N/A
Filetype	Optimized JPEG Author: null54 Topic: 25369	Optimizes JPEG images using jpegtran. To install place both the exe and dll in paint.net's FileTypes folder. Type: Filetype   Released: 26 Sep 2012   Status: Active   Compatibility: 3.5.x DLL Name: OptimizedJPEG.dll & jpegtran.exe (required)   Menu: N/A
Deprecated	OptiPNG Author: I Like Pi Topic: 6305	Incompatible with 4.0x. An updated version is available, see OptiPNG Updated. Integrates OptiPNG with paint.net, optimizes PNGs to make them smaller ( <a href="http://optipng.sourceforge.net/">http://optipng.sourceforge.net/</a> ). To install place both the exe and dll in paint.net's FileTypes folder. Type: Filetype   Released: 12 Jul 2007   Status: Deprecated   Compatibility: 3.5.x DLL Name: OptiPngFileType.dll & optipng.exe (required)   Menu: N/A
Filetype	OptiPNG Author: toe_head2001 Topic: 114190	Updated version of OptiPNG. The plugin compresses the files when saving PNG images. Supports added for UI themes & image resolution is retained. Bundled OptiPNG executable is v0.7.7. Place both OptiPngFileType.dll and optipng.exe in the FileTypes directory. Source available. Type: Filetype   Released: 05 Jul 2019   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: OptiPngFileType.dll & optipng.exe (required)   Menu: N/A
Deprecated	OptiPNG (Updated) Author: Mr X Topic: 22841	Updated version of OptiPNG (fixes some security vulnerabilities). Functionality is same: compresses the PNG filetype when saving images. Both the OptiPngFileType.dll and optipng.exe need to be in the FileTypes directory. Type: Filetype   Released: 10 Aug 2011   Status: Deprecated   Compatibility: 3.5.x, 4.0x DLL Name: OptiPngFileType.dll & optipng.exe (required)   Menu: N/A
	Organigram Author: Ego Eram Reputo Topic: 110683	Renders simple relationship diagrams or organizational charts. Found in EER's Plugin Pack. Type: Effect   Released: 14 Dec 2016   Status: Active   Compatibility: 4.0+ DLL Name: Organigram.dll   Menu: Effects > Render
	OtherFarmColorReplacer Author: OtherFarm Topic: 13000	Remove or change a color or a range of colors. Numerous options including color selection and transparency. Type: Effect   Released: 12 Jul 2008   Status: Active   Compatibility: 3.5.x DLL Name: OtherFarmColorReplacer.dll   Menu: Effects > Color
	Otsu's Thresholding Author: Rei Topic: 110070	Turns an image black and white keying off brightness distribution. An implementation of Otsu's Method. Type: Effect   Released: 08 Mar 2016   Status: Active   Compatibility: 4.0+ DLL Name: Otsu.dll   Menu: Effects > Stylize
	Outline Author: BoltBait Topic: 8318	Puts an outline of the selected color around your object. Found in BoltBait's Plugin Pack Type: Effect   Released: 15 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Outline.dll   Menu: Effects > Object

	<p>Outline Object Author: BoltBait Topic: 32048</p>	<p>Outlines an object by wrapping it in a customized edge. Found in BoltBait's Plugin Pack Type: Effect   Released: 21 Jul 2015   Status: Active   Compatibility: 4.0+ DLL Name: ObjectTools.dll   Menu: Effects &gt; Object</p>
	<p>Outline Object v2.6 Author: pyrochild Topic: 4923</p>	<p>Place a border around object/area. Note: object must be surrounded by transparency. Found in Pyrochild's Plugins Type: Effect   Released: 15 Jul 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Outline Object.dll   Menu: Effects &gt; Object</p>
Deprecated	<p>Outline Selection Author: Aziz Topic: 9870</p>	<p>Outline the inside of a selection with a rectangular border. Use [member=BoltBait]'s Outline Selection Type: Effect   Released: 14 May 2008   Status: Deprecated   Compatibility: 3.5.x, 4.0x DLL Name: OutlineSelection.dll   Menu: Effects &gt; Selection</p>
	<p>Outline Selection Author: BoltBait Topic: 11514</p>	<p>Outline the current selection with your choice of color and width. Found in BoltBait's Plugin Pack Type: Effect   Released: 15 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: SelectionTools.dll   Menu: Effects &gt; Selection</p>
	<p>Outlined / Gradient text Author: xod Topic: 112485</p>	<p>Renders text to the active layer with options to outline and gradient fill the text. Type: Effect   Released: 21 Feb 2018   Status: Active   Compatibility: 4.0+ DLL Name: OutlinedGradientText.dll   Menu: Effects &gt; Text Formations</p>
	<p>Overblur Author: Red Ochre Topic: 24585</p>	<p>Effect useful for making textures or as a passable sharpen effect. You can compare the blurred picture to the original and choose how much of that change to apply. Found in Red Ochre's Plugin Pack Type: Effect   Released: 04 Nov 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Overblur.dll   Menu: Effects &gt; Blurs</p>
	<p>Overliner Author: MadJik Topic: 19441</p>	<p>Scans the image to find breaks in the colors between pixels. If the break is from dark to light then the pixel is replaced with the light color (otherwise the dark color). Found in Magical Plugins Megapack. Type: Effect   Released: 19 Jul 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Overliner.dll   Menu: Effects &gt; Stylize</p>
	<p>Page Curl Author: MadJik Topic: 10020</p>	<p>Creates a curl on a corner of your image, just like a curling page. Found in Magical Plugins Megapack. Type: Effect   Released: 25 May 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: PageCurl.dll   Menu: Effects &gt; Distort</p>
Filetype	<p>Paint Shop Pro FileType Author: null54 Topic: 22817</p>	<p>Allows paint.net to load and save Jasc's Paint Shop Pro format. Type: Filetype   Released: 10 Apr 2011   Status: Active   Compatibility: Untested DLL Name: PaintShopProFileType.dll   Menu: N/A</p>
Obsolete	<p>paint.net Bulk Image Processor Author: Corillian Topic: 18936</p>	<p>Batch processor. Removed by paint.net developer for failing to comply with plugin guidelines. Forum thread no longer exists. Type: Effect   Released: 16 May 2010   Status: Obsolete   Compatibility: Untested DLL Name: Unknown   Menu: Unknown</p>
Deprecated	<p>paint.net Effect Installation Right-Click Menu Option Author: Simon Brown Topic: 10329</p>	<p>Simplifies plugin installation by adding an 'install' option to right click menu on plugin ZIP file. Type: External Resource   Released: 17 Jun 2008   Status: Deprecated   Compatibility: Untested DLL Name: RightClickInstallUninstall.exe   Menu: N/A</p>
Obsolete	<p>paint.net Plugin Installer Author: Powerslave UK Topic: 6859</p>	<p>Removed due to license issues. Forum thread no longer exists. Type: Effect   Released: 20 Nov 2007   Status: Obsolete   Compatibility: Untested DLL Name: Unknown   Menu: Unknown</p>

Obsolete	<p>paint.net Plugin Manager  Author: Braiden  Topic: 9897</p>	<p>Incompatible with 4.0x. Add or remove plugins from the paint.net/Effects folder.  Type: External Resource   Released: 16 May 2008   Status: Obsolete   Compatibility: 3.5.x  DLL Name: paint.net Plugin Manager X.exe   Menu: N/A</p>
	<p>paint.net Scriptor  Author: HurryK  Topic: 31689</p>	<p>Write composite effect scripts in a JavaScript-like-language. Allows the splitting of the original image into its composite parts on order to apply effects on each separate part and blend them together again.  Type: Effect   Released: 04 Apr 2015   Status: Active   Compatibility: 4.0+  DLL Name: PDNScriptorPlugin.dll   Menu: Effects &gt; Advanced</p>
Obsolete	<p>paint.net Search for Firefox  Author: Simon Brown  Topic: 12410</p>	<p>Obsolete. Use PDN OpenSearch Custom Toolbar.  Type: External Resource   Released: 20 Oct 2008   Status: Obsolete   Compatibility: Untested  DLL Name: Unknown   Menu: Unknown</p>
Unsupported	<p>Palette from image tool  Author: jxp  Topic: 15318</p>	<p>Incompatible with 4.0x. Extracts the palette from the current image &amp; saves it to (or creates) a paint.net palette file.  Type: Effect   Released: 07 Apr 2009   Status: Unsupported   Compatibility: 3.5.x  DLL Name: PaletteFromImage.dll &amp; PDNPalette.dll   Menu: Effects &gt; Tools</p>
	<p>PaletteConverter BETA  Author: Simon Brown  Topic: 14582</p>	<p>Converts and edits palettes including paint.net, PSP and Kuler palettes. Will only save paint.net palettes. Beta.  Type: External Resource   Released: 17 Apr 2009   Status: Active   Compatibility: 3.5.x  DLL Name: Setup.exe   Menu: N/A</p>
	<p>Panelling Effect  Author: MadJik  Topic: 2617</p>	<p>Allows the moving of selection, vertically, horizontally or both. Found in Magical Plugins Megapack.  Type: Effect   Released: 01 Nov 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Panelling.dll   Menu: Effects &gt; Distort</p>
	<p>Paper Kaleidocycles  Author: Martin Osieka  Topic: 25796</p>	<p>This plugin allows the creation of nets for kaleidocycles. A kaleidocycle is a ring of pyramids which can be twisted inwards and outwards to show different sides of the pyramids.  Type: Effect   Released: 25 Dec 2012   Status: Active   Compatibility: 3.5.x  DLL Name: PaperKaleidocycles.dll   Menu: Effects &gt; Tools</p>
	<p>Parallel Lines and Patterns  Author: Martin Osieka  Topic: 30417</p>	<p>Draw parallel lines or patterns or fill a region with them. Like an enhanced paint.net Fill Style.  Type: Effect   Released: 12 Nov 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ParallelLines.Effect.dll/*.*.dlc, OptionBasedLibrary vX.X.dll/*.*.dlc   Menu: Effects &gt; Render</p>
	<p>Paste Alpha  Author: BoltBait  Topic: 8318</p>	<p>Takes the clipboard contents and converts colors to grayscale, then uses the grayscale for Alpha values in the current layer (i.e. masking). Found in BoltBait's Plugin Pack  Type: Effect   Released: 15 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PasteAlpha.dll   Menu: Effects &gt; Object</p>
	<p>Paste From Clipboard  Author: MJW  Topic: 111349</p>	<p>Copies the clipboard image into the active selection or layer. Many options for pasting, including resizing, tiling, offset, rotation, opacity and blending with any existing image.  Type: Effect   Released: 17 May 2017   Status: Active   Compatibility: 4.0+  DLL Name: PasteFromClipboard.dll   Menu: Effects &gt; Selection</p>
	<p>Paste Warp +  Author: MJW  Topic: 110969</p>	<p>An enhanced version of TechnoRobbo's Paste Warp plugin (all new code, same algorithm as the original). New features include the ability to move and scale the clipboard image, antialiasing and a number of clipboard tiling modes.  Type: Effect   Released: 02 May 2017   Status: Active   Compatibility: 4.0+  DLL Name: Paste Warp Plus.dll   Menu: Effects &gt; Selection</p>

	<p>PasteFill  Author: TechnoRobbo  Topic: 26605</p>	<p>Tiles the clipboard image across the canvas until filled. Much like Tile Fill from Clipboard  Type: Effect   Released: 16 Jun 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PasteFill.dll   Menu: Effects &gt; Selection</p>
	<p>Pastel/Water Color  Author: BoltBait  Topic: 2045</p>	<p>Pastel/Water color filter. Found in BoltBait's Plugin Pack  Type: Effect   Released: 19 Oct 2006   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Pastel.dll   Menu: Effects &gt; Artistic</p>
Filetype	<p>PCX Plug-In  Author: Joshua Bell  Topic: 2135</p>	<p>Load &amp; save PCX images.  Type: Filetype   Released: 30 Oct 2006   Status: Active   Compatibility: Untested  DLL Name: PcxFileType.dll   Menu: N/A</p>
	<p>PDN File Info viewer  Author: harold  Topic: 10849</p>	<p>View information about a paint.net file (dimensions, number of layers and the version of paint.net used to save the image).  Type: External Resource   Released: 16 Jul 2008   Status: Active   Compatibility: Untested  DLL Name: PDNInfoView.exe   Menu: N/A</p>
	<p>PDN OpenSearch Custom Tool Bar  Author: L3ron  Topic: 18998</p>	<p>Add the paint.net Search Engine (by Google) to Firefox or Internet Explorer toolbar.  Type: External Resource   Released: 24 May 2010   Status: Active   Compatibility: Untested  DLL Name: pdn.xml   Menu: N/A</p>
Obsolete	<p>PdnBench for paint.net v3.0  Author: Rick Brewster  Topic: 2771</p>	<p>Superseded by new version  Type: External Resource   Released: 27 Jan 2007   Status: Obsolete   Compatibility: Untested  DLL Name: PdnBench.exe   Menu: N/A</p>
Obsolete	<p>PdnBench for paint.net v3.20  Author: Rick Brewster  Topic: 7256</p>	<p>Obsolete paint.net benchmarking utility (i.e. a system speed test using paint.net). Forum thread no longer exists.  Type: External Resource   Released: 15 Dec 2007   Status: Obsolete   Compatibility: Untested  DLL Name: Unknown   Menu: N/A</p>
	<p>PdnFF  Author: null54  Topic: 20380</p>	<p>Allow filters from Adobe's Filter Factory (for Photoshop) to be run by paint.net.  Type: Effect   Released: 19 Nov 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PdnFF.dll and one of fparse_x86.dll or fparse_x64.dll.   Menu: Effects &gt;</p>
Unsupported	<p>PDNWatermark  Author: Simon Brown  Topic: 14517</p>	<p>Incompatible with 4.0x. Add watermarks to your image. Found in Simon Brown's Legacy Plugin Pack.  Type: Effect   Released: 04 Dec 2009   Status: Unsupported   Compatibility: 3.5.x  DLL Name: PDNWatermark.dll   Menu: Effects &gt; Tools</p>
	<p>Pencil Sketch  Author: Ed Harvey  Topic: 18819</p>	<p>Similar to the built in Pencil Sketch effect only up to 20 times faster. Found in Ed Harvey's FastFx plugin pack.  Type: Effect   Released: 05 Apr 2010   Status: Active   Compatibility: Untested  DLL Name: EdHarvey.FastFx.dll, EdHarvey.FastFx.pdb and one of FastBlur_x64.dll or FastBlur_x86.dll   Menu: Effects &gt; FastFx</p>
	<p>Perlin Noise Generator  Author: zaya  Topic: 114943</p>	<p>Perlin Noise engine.  Type: Effect   Released: 22 Aug 2019   Status: Active   Compatibility: 4.2+  DLL Name: perlin_noise.dll   Menu: Effects &gt; Noise</p>
	<p>Perlin Texture  Author: MadJik  Topic: 19495</p>	<p>Creates brilliantly colored patterns. Found in Magical Plugins Megapack.  Type: Effect   Released: 25 Jul 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PerlinTexture.dll   Menu: Effects &gt; Texture</p>

Plugin Pack	<p>Person_321's texture and color plugins  Author: person_321  Topic: 16103</p>	<p>Effects: Invert Channels, Rainbow loom, Sound wave &amp; X Rainbow bars.  Type: Plugin Pack   Released: 09 Aug 2009   Status: Active   Compatibility: Untested  DLL Name: N/A   Menu: N/A</p>
	<p>Perspective Effect (Beta)  Author: dpy  Topic: 16197</p>	<p>Trapezoid transform of your image by adjusting the height &amp;/or width of the sides. Found in dpy's Pack  Type: Effect   Released: 16 Sep 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Perspective.dll   Menu: Effects &gt; Distort</p>
	<p>Perspective Lines  Author: tzachs  Topic: 17864</p>	<p>Draws vanishing points &amp; guidelines to help you with drawing in perspective.  Type: Effect   Released: 25 Jan 2010   Status: Active   Compatibility: Untested  DLL Name: PerspectiveLines1_2.dll   Menu: Unknown</p>
	<p>Photo Flood Fill  Author: pleska  Topic: 1292</p>	<p>Incompatible with 4.0x. Takes an image and 'flood-fill' it into the selection region, repeating it over and over.  Type: Effect   Released: 28 Jun 2006   Status: Active   Compatibility: 3.5.x  DLL Name: PhotoFloodFillPlugIn.dll   Menu: Effects &gt;</p>
Filetype	<p>Photoshop Brush  Author: null54  Topic: 25792</p>	<p>Load and save brushes used by Adobe® Photoshop®. Brushes sampled from image data are supported, dynamically computed brushes are ignored.  Type: Filetype   Released: 23 Dec 2012   Status: Active   Compatibility: 3.5.x  DLL Name: ABRFileType.dll   Menu: N/A</p>
Obsolete	<p>Photoshop file plugin  Author: frankb  Topic: 1001</p>	<p>Plugin for loading and saving Photoshop files. Use Photoshop PSD file plugin.  Type: Filetype   Released: 13 Apr 2006   Status: Obsolete   Compatibility: Untested  DLL Name: Unknown   Menu: N/A</p>
Filetype	<p>Photoshop Pattern  Author: null54  Topic: 25696</p>	<p>Load Pattern files used by Photoshop's Fill command. Only Grayscale, Indexed and RGB mode patterns (8-bit and 16-bit) are supported.  Type: Filetype   Released: 12 Mar 2012   Status: Active   Compatibility: 3.5.x  DLL Name: PatternFileType.dll   Menu: N/A</p>
Filetype	<p>Photoshop PSD file plugin  Author: taoyue  Topic: 18128</p>	<p>Plugin for loading and saving Photoshop files. Version 2.5.0 (released on September 11, 2016) requires paint.net 4.0.11+  Type: Filetype   Released: 23 Feb 2010   Status: Active   Compatibility: 4.0+  DLL Name: PhotoShop.dll   Menu: N/A</p>
	<p>Photoshop Swatch Converter  Author: null54  Topic: 25743</p>	<p>Converts Photoshop color swatches (ACO files) to paint.net. Swatches with more than 96 colors are split into multiple parts. RGB, HSB, CMYK and Grayscale color modes are supported.  Type: External Resource   Released: 13 Dec 2012   Status: Active   Compatibility: Untested  DLL Name: SwatchConverter.exe   Menu: N/A</p>
Deprecated	<p>Pie Chart  Author: evanolds  Topic: 13003</p>	<p>Create a pie chart by entering category names and values. Found in Evan's Effects.  Type: Effect   Released: 14 Jan 2007   Status: Deprecated   Compatibility: 3.5.x, 4.0x  DLL Name: EOEffects.dll   Menu: Effects &gt; Render</p>
	<p>Pie Chart  Author: toe_head2001  Topic: 32169</p>	<p>Renders a Pie Chart based on specified Colors and Values. Can also render Labels on the chart.  Type: Effect   Released: 18 Aug 2015   Status: Active   Compatibility: 4.0+  DLL Name: PieChart.dll   Menu: Effects &gt; Render</p>



	<p>Pixelate (Cairo Pentagonal) Author: Ed Harvey Topic: 18811</p>	<p>Pixelate an image into irregular five sided polygons. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Distort</p>
	<p>Pixelate (Hexagonal) Author: Ed Harvey Topic: 18811</p>	<p>Pixelate an image into regular six sided polygons. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Distort</p>
	<p>Pixelate+ v1.0 Author: pyrochild Topic: 9590</p>	<p>Enhanced pixelate effect, adds a new sampling mode (the one GIMP uses) as well as the ability to use non-square cells. Found in Pyrochild's Plugins Type: Effect   Released: 27 Apr 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Pixelate+.dll   Menu: Effects &gt; Blurs</p>
Unsupported	<p>PixelatedFrame Author: Simon Brown Topic: 9303</p>	<p>Adds a frame to an image that is a pixelated version of the image itself. Found in Simon Brown's Legacy Plugin Pack. Type: Effect   Released: 13 Apr 2008   Status: Unsupported   Compatibility: 3.5.x DLL Name: PixelatedFrame.dll   Menu: Effects &gt; Render</p>
	<p>PixelCounter 2 Author: TechnoRobbo Topic: 32439</p>	<p>Generates an Excel Spreadsheet guide for Book Folding (folding the pages of a real book into decorative designs). This plugin uses the source image to create the folding mask. It does not modify the image. Type: Effect   Released: 19 Oct 2015   Status: Active   Compatibility: 4.0+ DLL Name: pixelcounter2.dll   Menu: Effects &gt; Object</p>
	<p>PixelLab Beta 1 Author: Simon Brown Topic: 9797</p>	<p>Provides a simplified programming language in which to create effects/plugins. Note: Beta status. Type: Effect   Released: 05 Oct 2008   Status: Active   Compatibility: Untested DLL Name: PixelLab.dll   Menu: Effects &gt; Advanced</p>
	<p>Planetoid Author: Ego Eram Reputo Topic: 28713</p>	<p>Create realistic looking 3D planets or 2D maps. Co-authored by TechnoRobbo. Found in EER's Plugin Pack. Type: Effect   Released: 18 Jun 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Planetoid.dll   Menu: Effects &gt; Render</p>
Obsolete	<p>Plugin Browser Author: TechnoRobbo Topic: 29308</p>	<p>Superseded by a new version. Type: Effect   Released: 18 Jul 2014   Status: Obsolete   Compatibility: 3.5.x, 4.0x DLL Name: PlugInData.dll   Menu: Effects &gt;</p>
	<p>Plugin Browser (updated) Author: toe_head2001 Topic: 110458</p>	<p>Official re-release of the Dwarf Horde's Plugin Browser following a significant rewrite by toe_head2001. Locate, search and run effects from within the Plugin Browser. List installed plugins by Menu, Author, Alphabetically or by Keyword(s). Bookmark and add comments to your favourite plugins. Find information on plugins and see an effect preview image (where available). Type: Effect   Released: 10 Oct 2016   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: PlugInData.dll   Menu: Effects &gt;</p>
	<p>Plugin Effect Installer 1.0 Author: Hunter Topic: 19359</p>	<p>Simple plugin installer. Select the *.dll file to install and click Go. Easy. Type: External Resource   Released: 07 Nov 2010   Status: Active   Compatibility: 3.5.x DLL Name: paint.net Effect Installer.exe   Menu: N/A</p>
	<p>PNG Preprocessor Author: niwax Topic: 19648</p>	<p>Optimizes image color range in order to reduce the saved PNG file size. Size of the file can be 40-80% of the original size. Type: Effect   Released: 13 Aug 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: PNG_Preprocessor.dll   Menu: Effects &gt; Photo</p>

Filetype	<p><b>PNG Sprite Matrix</b>  Author: TechnoRobbo  Topic: 31670</p>	<p>Takes all visible layers in a PDN image and arranges them into a Matrix as close to equal height and width as possible. Hidden Layers are ignored. Usage: File &gt; Save As &gt; Sprite Matrix (*.png).  Type: Filetype   Released: 27 Mar 2015   Status: Active   Compatibility: 4.0+  DLL Name: PNGSpriteMatrix.dll   Menu: N/A</p>
Deprecated	<p><b>PNM File Type Plugin</b>  Author: zeeshanejaz  Topic: 17202</p>	<p>Incompatible with 4.0x. Reads and writes PNM Images. PNM is a portable bitmap format used in legacy software (more common in LINUX / UNIX Platforms). A newer version which is compatible with v4.0 is available.  Type: Filetype   Released: 29 Nov 2009   Status: Deprecated   Compatibility: 3.5.x  DLL Name: PNMPlugin.dll   Menu: N/A</p>
	<p><b>Point Blur</b>  Author: boude  Topic: 19908</p>	<p>Does the reverse of Zoom Blur (Zoom Blur blurs away from a certain point, Point Blur blurs towards the centre point).  Type: Effect   Released: 09 Dec 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PointBlur.dll   Menu: Effects &gt; Blurs</p>
	<p><b>Point Warp</b>  Author: Illnab1024  Topic: 8677</p>	<p>Distort an image by stretching it toward or away from a specified point. Found in Illnab1024's Plugins  Type: Effect   Released: 03 Sep 2008   Status: Active   Compatibility: 3.5.x  DLL Name: illnabPlugins.dll   Menu: Effects &gt; Distort</p>
Deprecated	<p><b>Point Warp / Engorged Smudge</b>  Author: Illnab1024  Topic: 7684</p>	<p>Incompatible with 4.0x. Similar to the Bulge effect but in the horizontal plane instead of the vertical. Find a new version in Illnab1024's Plugins.  Type: Effect   Released: 01 Nov 2008   Status: Deprecated   Compatibility: 3.5.x  DLL Name: PointWarpEffect.dll   Menu: Effects &gt; Distort</p>
	<p><b>Point Warp / Engorged Smudge for PDN4</b>  Author: toe_head2001  Topic: 32180</p>	<p>A recompilation of [member=illnab]'s plugin of the same name in order to make it compatible with 4.0x. The effect warps the layer about a single point with options to control the strength, radius and direction as well as the point location.  Type: Effect   Released: 20 Aug 2015   Status: Active   Compatibility: 4.0+  DLL Name: PointWarpEffect.dll   Menu: Effects &gt; Distort</p>
	<p><b>Polar Inversion Plus</b>  Author: Ed Harvey  Topic: 9296</p>	<p>Some of the Plus features have been incorporated into the built-in Polar Inversion effect. This original effect has additional options in the 'Edge Behavior' list (primary color, secondary color, transparent, original)  Type: Effect   Released: 04 Dec 2008   Status: Active   Compatibility: 4.0+  DLL Name: EdHarvey.Effects.Archive.PolarInversionPlus.dll   Menu: Effects &gt; Distort</p>
	<p><b>Polar Kaleidoscope</b>  Author: Xhin  Topic: 115070</p>	<p>Performs a polar transformation on the source image then applies a kaleidoscope effect.  Type: Effect   Released: 09 Jul 2019   Status: Active   Compatibility: 4.2+  DLL Name: Polar_Kaleidoscope.dll   Menu: Effects &gt; Distort</p>
	<p><b>Polar Reflection</b>  Author: Xhin  Topic: 115129</p>	<p>Reflect part of an image outwards in a polar-like way. Alternatively 'clamp' part of an image. Many options &amp; features.  Type: Effect   Released: 17 Sep 2019   Status: Active   Compatibility: 4.2+  DLL Name: Polar_Reflection.dll   Menu: Effects &gt; Distort</p>
	<p><b>Polar Singularity</b>  Author: Xhin  Topic: 115257</p>	<p>Mirrors an image in an acorn-like shape towards a vanishing center point.  Type: Effect   Released: 10 May 2019   Status: Active   Compatibility: 4.2+  DLL Name: Polar_Singularity.dll   Menu: Effects &gt; Distort</p>
	<p><b>Polar to Rect</b>  Author: Illnab1024  Topic: 8677</p>	<p>Transformation of polar coordinates to cartesian. In effect this creates a wrap around distortion of the original image. Found in Illnab1024's Plugins  Type: Effect   Released: 03 Sep 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: illnabPlugins.dll   Menu: Effects &gt; Distort</p>

	<p>Polar Transformation Author: MadJik Topic: 9364</p>	<p>Translate image from rectangular to polar coordinates and vice versa. Found in Magical Plugins Megapack. Type: Effect   Released: 16 Apr 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Polar.dll   Menu: Effects &gt; Distort</p>
	<p>Polaroid Frame Author: Ego Eram Reputo Topic: 11694</p>	<p>Overlays a frame with the correct size ratios to form a Polaroid. Found in EER's Plugin Pack. Type: Effect   Released: 09 Jun 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: PolariodFrame.dll   Menu: Effects &gt; Render</p>
Plugin Pack	<p>PolyGlitch (Glitch Effects) Author: gsüberland Topic: 30276</p>	<p>Plugin pack of 'glitch' effects. Effects include: 3Displace, CodeBook, Cumulative Math, Xor, Addition, Interlace Lines, Pixel Drag, Quad Flip, Row Shifter, Quadratic Looper, Render Raw File. Helpful HTML file included. Type: Plugin Pack   Released: 11 Oct 2014   Status: Active   Compatibility: 4.0+ DLL Name: PolyGlitch.dll   Menu: Effects &gt; PolyGlitch</p>
	<p>Polygon / Stars Author: BoltBait Topic: 2214</p>	<p>Render triangles, pentagons, hexagons and also stars. Useful for making standard shapes and the pointed edges of stickers. Found in BoltBait's Plugin Pack Type: Effect   Released: 11 Nov 2006   Status: Active   Compatibility: 3.5.x DLL Name: Polygon.dll   Menu: Effects &gt; Render</p>
	<p>Polygon Tool Author: Simon Brown Topic: 9381</p>	<p>A line tool - which will draw another line from the last drawing position to the current position. Type: Effect   Released: 17 Apr 2008   Status: Active   Compatibility: 3.5.x DLL Name: Polygon Tool.dll   Menu: Effects &gt; Tools</p>
	<p>Polygonal Transparency Author: evanolds Topic: 13003</p>	<p>Create many sided polygons of transparent pixels. With options to feather edges &amp; invert transparent areas. Found in Evan's Effects. Type: Effect   Released: 14 Jan 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EOEffects.dll   Menu: Effects &gt; Transparency</p>
	<p>Polygones Author: MadJik Topic: 7186</p>	<p>Draws closed polygons &amp; star shapes. Found in Magical Plugins Megapack. Type: Effect   Released: 24 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Polygones.dll   Menu: Effects &gt; Render</p>
	<p>Popcorn Fractal Author: Reptillian Topic: 117314</p>	<p>Generates a Popcorn Fractal onto the active layer. Looks like a strange Sci-fi-glassy-LSD-trippy-Escher-Geiger sort of thing. More options than you could shake a stick at. Note: is computationally intensive (larger images &amp; old systems may be SLOW to render). Plugin &amp; source released under CeCILL v2.0 license. Type: Effect   Released: 27 Oct 2020   Status: Active   Compatibility: 4.2+ DLL Name: Popcorn Fractal.dll   Menu: Effects &gt; Render</p>
Filetype	<p>Portable AnyMap (PNM) File Type Author: Martin Osieka Topic: 27982</p>	<p>Loads and save files in one of the PNM formats. PAM - Portable Arbitrary Map (Black and White, Grayscale, RGB; Alpha channel; raw only; up to 16bits per channel), PBM - Portable Bit Map: (Black and White; plain and raw), PGM - Portable Gray Map: (Grayscale; plain and raw; up to 16bits per channel), PPM - Portable Pixel Map: (RGB; plain and raw; up to 16bits per channel). Type: Filetype   Released: 28 Feb 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ImPNM.FileType.dll   Menu: N/A</p>
Integrated	<p>Portrait Effect Author: BoltBait Topic: 3484</p>	<p>Softens portraits to look more professional. Included paint.net 3.1+ as Effects &gt; Photo &gt; Soften Portrait (originally in Effects &gt; Portrait). Type: Effect   Released: 04 Apr 2007   Status: Integrated   Compatibility: Untested DLL Name: Unknown   Menu: Effects &gt; Photo</p>

	<p>Postage Stamp  Author: toe_head2001  Topic: 108935</p>	<p>Creates an edge like a modern postage stamp (i.e. wave like perforations) around the image.  Type: Effect   Released: 24 May 2016   Status: Active   Compatibility: 4.0+  DLL Name: PostageStamp.dll   Menu: Effects &gt; Render</p>
	<p>Poster  Author: Red Ochre  Topic: 110520</p>	<p>Analyzes the BGR values within a selection, sorts them into bands by Hue, saturation and Tone. Averages these values, then recolours the image.  Type: Effect   Released: 28 Oct 2016   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Poster.dll   Menu: Effects &gt; Composition</p>
Integrated	<p>Posterize  Author: Ed Harvey  Topic: 1768</p>	<p>Posterize is now built in to paint.net. Find it in the Adjustments menu.  Type: Effect   Released: 09 Oct 2006   Status: Integrated   Compatibility: Untested  DLL Name: EdHarvey.Effects.dll   Menu: N/A</p>
	<p>Posterize Alpha  Author: jxp  Topic: 15654</p>	<p>Based on the standard Posterize adjustment, with enhancements to also change the Alpha channel.  Type: Adjustment   Released: 08 Apr 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PosterizeAlpha.dll   Menu: Adjustments &gt;</p>
	<p>Posterize in HSV Space  Author: MJW  Topic: 12940</p>	<p>Enhanced Posterize effect that converts the color into HSV space, truncates the values, then converts back to RGB.  Type: Adjustment   Released: 12 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PosterizeHSV.dll   Menu: Adjustments &gt;</p>
	<p>Posterize+  Author: AhmedElyamani  Topic: 25275</p>	<p>Reduce colorization differences with options to limit the output to certain color channels. Found in Ahmed's Plugin Pack  Type: Adjustment   Released: 09 Mar 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Posterize+.dll   Menu: Adjustments &gt;</p>
Filetype	<p>PostScript FileType  Author: Martin Osieka  Topic: 28078</p>	<p>Imports PostScript (*.PS), Encapsulated PostScript (*.EPS), and Adobe Illustrator (*.AI) files and renders them as bitmap layers in paint.net. Requires Ghostscript to be installed.  Type: Filetype   Released: 16 Mar 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ImPS,EPS,AI.Open.FileType.dll &amp; ImPS,EPS,AI.Open.FileType.dlc. OptionBasedLibrary vX.X.dll &amp; OptionBasedLibrary vX.X.dlc   Menu: N/A</p>
	<p>Power Stretch 2.0 Beta  Author: pyjo  Topic: 8209</p>	<p>Stretch images in numerous ways including vertical, horizontal and bulge. Note: Beta  Type: Effect   Released: 02 Sep 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PowerStretch.dll   Menu: Effects &gt; Distort</p>
	<p>PreMultiply Alpha  Author: chi77  Topic: 113378</p>	<p>Premultiply the RGB channels with the Alpha channel, or reverse the procedure.  Type: Effect   Released: 22 Oct 2018   Status: Active   Compatibility: 4.1+  DLL Name: PremultiplyAlpha.dll   Menu: Effects &gt;</p>
	<p>Primary Color Difference to Alpha  Author: Enormator  Topic: 5536</p>	<p>Calculates the difference between the pixel and primary color. The more they are equal, the more transparency will result.  Type: Effect   Released: 20 Aug 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PrimColOnly.dll   Menu: Effects &gt; Color</p>
	<p>Print It  Author: Martin Osieka  Topic: 28520</p>	<p>Customized printing tool with a huge range of options like paper size, image size, DPI setting, alignment &amp; offset, tiling, header &amp; footer, watermark, etc....  Type: Effect   Released: 06 Jan 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PrintIt.Effect.dll/* .dlc, OptionBasedLibrary vX.X.dll/* .dlc   Menu: Effects &gt; Tools</p>

	<p>Printer+ v1.0  Author: Simon Brown  Topic: 13070</p>	<p>Enhanced paint.net printing interface.  Type: Effect   Released: 12 Dec 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PrinterPlus.dll   Menu: Effects &gt; Tools</p>
	<p>PS Emboss  Author: cookies  Topic: 20556</p>	<p>Embossing effect. Simulates the one in Photoshop.  Type: Effect   Released: 12 Aug 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PSEmboss.dll   Menu: Effects &gt; Stylize</p>
	<p>PSFilterPDN  Author: null54  Topic: 20622</p>	<p>Run (some) Photoshop Filters using paint.net.  Type: Effect   Released: 16 Dec 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: PSFilterPdn.dll &amp; PSFilterShim.exe   Menu: Effects &gt; 8bf Filter</p>
	<p>Psychedelic  Author: romein  Topic: 8475</p>	<p>Incompatible with 4.0x. Filter creates a variety of psychedelic color effects.  Type: Effect   Released: 25 Feb 2008   Status: Active   Compatibility: 3.5.x  DLL Name: Psychedelic.dll   Menu: Effects &gt; Artistic</p>
	<p>Psychocolour  Author: Red Ochre  Topic: 22126</p>	<p>Produce a large range of psychedelic colour effects. Found in Red Ochre's Plugin Pack  Type: Effect   Released: 15 Jul 2011   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Psychocolour.dll   Menu: Effects &gt; Color</p>
	<p>Pure Black and White converter  Author: AdamCG  Topic: 16049</p>	<p>Converts image to a COMPLETELY black and white (not grayscale). Amount of black/white is configurable.  Type: Effect   Released: 09 Apr 2009   Status: Active   Compatibility: 3.5.x  DLL Name: BlackAndWhite.dll   Menu: Effects &gt; Color</p>
Plugin Pack	<p>pyrochild plugins  Author: pyrochild  Topic: 7291</p>	<p>Effects: Curves+, Borders 'N Shapes, Gradient Bars, Film, Jitter, Outline Object, Stitch, Scriptlab, Gradient Mapping, Splatter, Pixelate+, Color Match, Random Effect, Random Shape Fill, Smudge, Trail, Gradient Blocks, Twist, Liquify, Grid Warp, Gradient Grid.  Type: Plugin Pack   Released: 18 Dec 2007   Status: Active   Compatibility: 3.5.x  DLL Name: N/A   Menu: N/A</p>
	<p>Quadrilateral Correction  Author: toe_head2001  Topic: 110247</p>	<p>Remaps a defined quadrilateral to a rectangular image.  Type: Effect   Released: 25 Aug 2016   Status: Active   Compatibility: 4.0+  DLL Name: QuadrilateralCorrection.dll, AForge.Imaging.dll and AForge.dll   Menu: Effects &gt; Tools</p>
	<p>Quadrilateral Reshape  Author: evanolds  Topic: 13003</p>	<p>Reshape the image to an arbitrary quadrilateral region. Found in Evan's Effects.  Type: Effect   Released: 14 Jan 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EOEffects.dll   Menu: Effects &gt; Distort</p>
	<p>Quick Gravity  Author: AhmedElyamani  Topic: 25275</p>	<p>Stretches an image downwards (only). Found in Ahmed's Plugin Pack  Type: Effect   Released: 09 Mar 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Quick Gravity.dll   Menu: Effects &gt; Distort</p>
Filetype	<p>QuickBASIC BSAVE Graphics  Author: Ham62  Topic: 107321</p>	<p>Adds support for Screen 13 QuickBASIC BSAVE'd graphics with the file extensions *.BSV or *.VGA. Limitations: maximum image size 320x200px, file size of 64kb, 8bpp &amp; standard VGA color palette.  Type: Filetype   Released: 30 Jan 2016   Status: Active   Compatibility: Untested  DLL Name: QuickBASIC BSAVE Graphics.dll   Menu: N/A</p>
	<p>Radial Blur Deluxe  Author: dake  Topic: 5014</p>	<p>Incompatible with 4.0x. Configurable radial blur. Also known as Fast Radial Blur.  Type: Effect   Released: 20 Jul 2007   Status: Active   Compatibility: 3.5.x  DLL Name: RadialBlurDeluxe_v0.1.dll   Menu: Effects &gt; Blurs</p>

<p>Radial Colors  Author: MadJik  Topic: 7181</p>	<p>Predefined formulas (sinusoid curves) define and mix Red, Green, Blue colors. Found in Magical Plugins Megapack.  Type: Effect   Released: 12 Oct 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Radialcolors.dll   Menu: Effects &gt; Texture</p>
<p>Radial Fade  Author: Rei  Topic: 30182</p>	<p>Gradually fade an image to transparent from the center to the edges (or vice-versa). The transparency gain over distance to the center is modulable, as well as the circle size. For 3.5.11 compatible version see post #22  Type: Effect   Released: 14 Oct 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: RadialFade.dll   Menu: Effects &gt; Render</p>
<p>Radial Prism  Author: Xhin  Topic: 26556</p>	<p>Changes the hue of the image in a reflecting circular prism-like pattern.  Type: Effect   Released: 06 Sep 2013   Status: Active   Compatibility: Untested  DLL Name: rainball.dll   Menu: Effects &gt; Color</p>
<p>Radical Image Optimization Tool (RIOT)  Author: null54  Topic: 107365</p>	<p>Heavily optimizes then exports the current layer in a format suitable for web use.  Type: Effect   Released: 02 May 2016   Status: Active   Compatibility: 4.0+  DLL Name: RIOT.dll, FreedImage.dll &amp; SaveForWebRIOT.dll + RIOTProxy.exe   Menu: Effects &gt; Tools</p>
<p>Radius Corners  Author: toe_head2001  Topic: 31574</p>	<p>Round off the square corners of an image, with nicely anti-aliased edges. An update to dan9298's Radius Fill Corners plugin  Type: Effect   Released: 27 Feb 2015   Status: Active   Compatibility: 4.0+  DLL Name: RadiusFillCorners.dll   Menu: Effects &gt; Fill</p>
<p>Radius Fill Corners  Author: dan9298  Topic: 12678</p>	<p>Round off square corners.  Type: Effect   Released: 11 Oct 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: RadiusFillCorners.dll   Menu: Effects &gt; Fill</p>
<p>Rainbow  Author: spongey437  Topic: 5975</p>	<p>Fills selection with a rainbow colored gradient.  Type: Effect   Released: 13 Sep 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: rainbow3.dll   Menu: Effects &gt; Artistic</p>
<p>Rainbow Loom  Author: person_321  Topic: 15799</p>	<p>Renders a pre-defined pattern. Found in Person_321's Texture &amp; Color Plugins  Type: Effect   Released: 14 Aug 2009   Status: Active   Compatibility: 3.5.x  DLL Name: rainbow loom.dll   Menu: Effects &gt; Render</p>
<p>Rainbow Twist  Author: MadJik  Topic: 7182</p>	<p>Rainbow twist the three basic color Red, Green, Blue. Found in Magical Plugins Megapack.  Type: Effect   Released: 12 Oct 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: RainbowTwist.dll   Menu: Effects &gt; Texture</p>
<p>Rainbow-Splitter  Author: Xhin  Topic: 25323</p>	<p>Split an image into two sections, both of which can be colored by a repeating colored gradient of your choice.  Type: Effect   Released: 16 Sep 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Rainbow-Splitter.dll   Menu: Effects &gt; Color</p>
<p>Random Effect v1.2  Author: pyrochild  Topic: 10632</p>	<p>Chooses a random plugin (or built-in effect), and renders it with randomized settings. Found in Pyrochild's Plugins  Type: Effect   Released: 07 Apr 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Random Effect.dll   Menu: Effects &gt;</p>

	<p>Random lines Generator  Author: MadJik  Topic: 7630</p>	<p>Create/add straight &amp; curved lines. Found in Magical Plugins Megapack.  Type: Effect   Released: 01 Aug 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Random lines.dll   Menu: Effects &gt; Render</p>
	<p>Random mazes  Author: MadJik  Topic: 8448</p>	<p>Two plugins to render horizontal or diagonal mazes with configurable size, wall chance, brush width &amp; more. Found in Magical Plugins Megapack.  Type: Effect   Released: 23 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Random Maze1.dll &amp; Random Maze2.dll   Menu: Effects &gt; Render</p>
	<p>Random Shape Fill v1.0  Author: pyrochild  Topic: 10633</p>	<p>Draws random (predefined) shapes on the canvas. 17 shape modes &amp; 9 color modes plus many options. Found in Pyrochild's Plugins  Type: Effect   Released: 07 Apr 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Random Shape Fill.dll   Menu: Effects &gt; Render</p>
Filetype	<p>RAW File  Author: cefoot  Topic: 30007</p>	<p>paint.net 4.x version of RAW File. Note: this is a file reader, so there is no option to save in the RAW format.  Type: Filetype   Released: 09 Dec 2014   Status: Active   Compatibility: 4.0+  DLL Name: RAWFile.dll   Menu: N/A</p>
Deprecated	<p>RAW File  Author: Pebal  Topic: 15611</p>	<p>Dcraw based raw file reader. A paint.net 4.x version has been released: see Raw File  Type: Filetype   Released: 08 Jan 2009   Status: Deprecated   Compatibility: 3.5.x  DLL Name: RAWFile.dll   Menu: N/A</p>
Filetype	<p>RAW FileType  Author: null54  Topic: 31998</p>	<p>This is a DCRaw-based raw filetype. Uses the latest incarnation of DCRaw.  Type: Filetype   Released: 07 Sep 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: RawFileType.dll &amp; dcraw.exe (paint.net/FileTypes/)   Menu: N/A</p>
Filetype	<p>RAWFile LAB  Author: operamint  Topic: 109057</p>	<p>A dcraw based RAWFile plugin with an advanced GUI. Requires 64-bit dcraw.exe to be downloaded, renamed and placed in Filetypes folder.  Type: Filetype   Released: 06 May 2016   Status: Active   Compatibility: 4.0+  DLL Name: RAWFile.dll, RAWFileLAB.exe and dcraw64.exe   Menu: N/A</p>
Filetype	<p>Rawload v1.0  Author: avatare  Topic: 17525</p>	<p>Load *.raw files with metadata using the Windows Imaging Component and preserving the image metadata.  Type: Filetype   Released: 24 Dec 2009   Status: Active   Compatibility: Untested  DLL Name: ARWLOAD.dll   Menu: N/A</p>
Unsupported	<p>RawLoader  Author: rpetrich  Topic: 3201</p>	<p>Decode RAW camera images and make them available for use in paint.net. Requires use of installer or plugin + DCRaw.exe. Download links are not working.  Type: Filetype   Released: 03 Apr 2007   Status: Unsupported   Compatibility: Untested  DLL Name: Unknown   Menu: N/A</p>
Filetype	<p>RawReader  Author: lvn  Topic: 8099</p>	<p>Dcraw based RAW file reader. DCRaw has been recompiled as a *.dll (32 and 64 bit).  Type: Filetype   Released: 02 Apr 2008   Status: Active   Compatibility: Untested  DLL Name: RawReader.dll and one of dcraw.dll or dcraw64.dll   Menu: N/A</p>
	<p>Recolor Gray  Author: MadJik  Topic: 111672</p>	<p>Recolors gray (and other shades) to transform areas of grayscale into full color. Found in Magical Plugins Megapack.  Type: Effect   Released: 19 Aug 2017   Status: Active   Compatibility: 4.0+  DLL Name: RecolorGray.dll   Menu: Effects &gt; Color</p>

	<p>Recolor Using Palette  Author: MJW  Topic: 111468</p>	<p>Recolors each pixel with the nearest color from a specified range in the current palette. The Euclidean distance is used to make the match (minimizes the squared differences between the RGB components).  Type: Effect   Released: 22 Jun 2017   Status: Active   Compatibility: 4.0+  DLL Name: Recolor Using Palette.dll   Menu: Effects &gt; Color</p>
	<p>Recolour choice  Author: Red Ochre  Topic: 24584</p>	<p>Presents multiple methods to select and replace a colour. Found in Red Ochre's Plugin Pack  Type: Effect   Released: 04 Nov 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: recolourchoice.dll   Menu: Effects &gt; Color</p>
	<p>Reconstruction filter tool box  Author: loupasc  Topic: 116512</p>	<p>Uses Sinc filters to process images. Options: Kernel shape (square, disc and diamond), Basic cutoff settings, Kernel radius, Border handling (uniform color, extend, mirror), Global contrast. Codelab source code available.  Type: Effect   Released: 30 May 2020   Status: Active   Compatibility: 4.2+  DLL Name: WaveToolBox.dll   Menu: Effects &gt; Advanced</p>
	<p>Rectangular Corner Fade  Author: bluebuiy  Topic: 115357</p>	<p>Fade the corner of a selection. Like feathering, only significantly stronger. No option to control the strength of the effect.  Type: Effect   Released: 20 Oct 2019   Status: Active   Compatibility: 4.2+  DLL Name: BlendPlugin.dll   Menu: Effects &gt; Selection</p>
	<p>Rectangular Inversion  Author: Xhin  Topic: 115096</p>	<p>Turns an image inside-out via polar coordinates  Type: Effect   Released: 09 Dec 2019   Status: Active   Compatibility: 4.2+  DLL Name: Rectangular_Inversion.dll   Menu: Effects &gt; Distort</p>
	<p>Red Eye Quick Fix  Author: Tanel  Topic: 11480</p>	<p>Red eye removal tool. Make a selection around the eyes and run the plugin. Found in Tanel's Plugin Pack.  Type: Effect   Released: 25 Aug 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: RedEyeQuickFix.dll   Menu: Effects &gt; Photo</p>
Plugin Pack	<p>Red Ochre Plugin Pack 10 (PDN4)  Author: Red Ochre  Topic: 110234</p>	<p>Compilation pack of Red Ochre's plugins. Features Aardvark, ArtyThing, Alpha-threshold, Object Bevel, Bezncurve, ClipDisplace, Cobweb, CompoGrids, Composition Tool, Contour, Cuboids, Dryad, Earths and Greys, Facet, Flourish, FurBlur, Gears, Gossamer, Gradients Galore!, Helix, Highlight, MultiSpline, New Clipwarp, Noise Choice, Object2colour, Object Edges, Overblur, Poster, Psychocolour, Recolor Choice, Selection2Clear, Scintillate, Scribble, Slinky, Squirkle, Squirkle Warp, StringandPin, CalliColour, Table, Two Tone Threshold, Vanishing Point.  Type: Plugin Pack   Released: 22 Aug 2016   Status: Active   Compatibility: 4.0+  DLL Name: RedochreV10Pdn4Install.exe (or as separate DLL's)   Menu: N/A</p>
Plugin Pack	<p>Red Ochre's Plugin Pack  Author: Red Ochre  Topic: 22500</p>	<p>Alpha Threshold, Composition Tool, Contour, Earths&amp;Greys, Gradients Galore, Highlight, Noisechoice, Object2color, Object edge, Overblur, Psychocolor, Recolor choice, Selection2clear, Squirkle, Squirklewar, Tweak edges &amp; Table.  Type: Plugin Pack   Released: 25 Aug 2011   Status: Active   Compatibility: 3.5.x  DLL Name: N/A   Menu: N/A</p>
Integrated	<p>Reduce Noise  Author: Tom Jackson  Topic: 7257</p>	<p>Reduces the noise in an image while maintaining detail. Included in paint.net v3.22+  Type: Effect   Released: 15 Dec 2007   Status: Integrated   Compatibility: 3.5.x  DLL Name: N/A   Menu: N/A</p>
	<p>Reflection - effect  Author: dS810  Topic: 12913</p>	<p>Create mirror/water type reflections of an existing image.  Type: Effect   Released: 30 Nov 2008   Status: Active   Compatibility: 3.5.x  DLL Name: dS810.Spiegeleffekt.dll   Menu: Effects &gt; Render</p>



	<p>Refocus Filter v1.0  Author: alexb  Topic: 18665</p>	<p>Sharpens a blurred image using algorithm with deconvolution element.  Type: Effect   Released: 18 Apr 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: RefocusingSDe.dll   Menu: Effects &gt; Photo</p>
	<p>Regular Noise Texture  Author: MadJik  Topic: 111659</p>	<p>A texturing plugin which creates patterns using pseudo random noise. Found in Magical Plugins Megapack.  Type: Effect   Released: 16 Aug 2017   Status: Active   Compatibility: 4.0+  DLL Name: RegularNoise.dll   Menu: Effects &gt; Texture</p>
	<p>Remove Black  Author: Xhin  Topic: 115234</p>	<p>Turns black pixels into transparent pixels. Remaining pixels are altered into alpha versions of themselves depending on their darkness (smooths the effect).  Type: Adjustment   Released: 10 Jan 2019   Status: Active   Compatibility: 4.2+  DLL Name: Remove_Black.dll   Menu: Adjustments &gt;</p>
	<p>Remove Dust  Author: BoltBait  Topic: 25458</p>	<p>Removes photographic dust by minutely clone-stamping them out.  Type: Effect   Released: 15 Oct 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: RemoveDust.dll   Menu: Effects &gt; Photo</p>
	<p>Render Color Wheel  Author: MJW  Topic: 12951</p>	<p>Draws a HSV color wheel, centred in the current selection.  Type: Effect   Released: 12 Mar 2008   Status: Active   Compatibility: 3.5.x  DLL Name: RenderColorWheel.dll   Menu: Effects &gt; Render</p>
	<p>Render Sphere Height Map  Author: MJW  Topic: 110526</p>	<p>Renders a configurable 24-bit height map for a sphere.  Type: Effect   Released: 29 Oct 2016   Status: Active   Compatibility: 4.0+  DLL Name: RenderSphereHeightMap.dll   Menu: Effects &gt; Height Map</p>
	<p>Replace Colors + Palette  Author: Cipheroid  Topic: 115019</p>	<p>Swap and change colors by typing them as a list. Also the option of using an incremental palette, which clamps RGB colors to increments of a value (useful for limiting colors to a known value).  Type: Effect   Released: 31 Aug 2019   Status: Active   Compatibility: 4.2+  DLL Name: 228796183_ReplaceColorsPalette.dll   Menu: Effects &gt; Color</p>
Obsolete	<p>Resource translator v1.0  BETA  Author: Simon Brown  Topic: 15810</p>	<p>Obsolete. Designed to aid development of paint.net language packs. Replaced by Strings.resx by paint.net developer Rick Brewster  Type: External Resource   Released: 15 Aug 2009   Status: Obsolete   Compatibility: Untested  DLL Name: Unknown   Menu: N/A</p>
	<p>Reticulation effect  Author: ReMake  Topic: 30128</p>	<p>Creates a pseudo-reticulation effect (in film photography reticulation is wrinkling, cracking the emulsion layer of film). Options include Size, Density, Blending mode and transparency options. Also available in Russian.  Type: Effect   Released: 30 Sep 2014   Status: Active   Compatibility: 4.0+  DLL Name: Reticulation.dll   Menu: Effects &gt; Artistic</p>
	<p>Reverse Colors  Author: MadJik  Topic: 21527</p>	<p>Selectively reverse the values of any of the RGBA channels. Found in Magical Plugins Megapack.  Type: Effect   Released: 18 Apr 2011   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ReverseColors.dll   Menu: Effects &gt; Color</p>
	<p>RGB Compositor  Author: toe_head2001  Topic: 113646</p>	<p>Assembles a full-color image from three separate images (one each for the RG &amp; B color channels).  Type: Effect   Released: 01 Jul 2019   Status: Active   Compatibility: 4.1+  DLL Name: RGBCompositor.dll   Menu: Effects &gt; Color</p>
	<p>RGB Remapper  Author: sradforth  Topic: 17732</p>	<p>Allows the remapping of RGB channels to other colours. Found in Stu's Effects.  Type: Effect   Released: 01 Dec 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: RGB_Remap4.dll   Menu: Effects &gt; Color</p>

	<p>RGB to CMYK Author: BoltBait Topic: 3763</p>	<p>Conversion between RGB (RedGreenBlue) and CMYK (CyanMagentaYellowblack) color formats. Type: Effect   Released: 24 Apr 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: RGB2CMYK.dll   Menu: Effects &gt; Color Space</p>
	<p>RGB-Gray Linear Interpolation Author: Reptillian Topic: 116118</p>	<p>Interpolates between RGB and grayscale values. Type: Effect   Released: 15 Mar 2020   Status: Active   Compatibility: 4.2+ DLL Name: RGBtoLinearInterpolation.dll   Menu: Effects &gt; Color</p>
Filetype	<p>RGB565 Filetype Author: ejohnson0547 Topic: 16747</p>	<p>Read and write to the RGB565 or RAW565 format. Used for Android splash screens. Type: Filetype   Released: 11 Apr 2009   Status: Active   Compatibility: Untested DLL Name: Rgb565.dll   Menu: N/A</p>
	<p>Ripple Author: Ed Harvey Topic: 18811</p>	<p>Applies a regular ripple distortion across the image surface. Wavelet size, shape and magnitude are all configurable. Similar to Wobble. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Distort</p>
	<p>Rosaces Author: MadJik Topic: 8755</p>	<p>Generate simple or complex 'roses' (symmetrical patterns like a mathematical representation of a rose/flower). Found in Magical Plugins Megapack. Type: Effect   Released: 14 Mar 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Rosaces.dll   Menu: Effects &gt; Render</p>
	<p>Rotate by Torus Map Author: Reptillian Topic: 117376</p>	<p>Donut (torus) distortion plugin. Similar in some ways to MadJik's Donut Distortion, but has more features including wraparound mode, blending between distortion, and more distortion modes. Type: Effect   Released: 11 Aug 2020   Status: Active   Compatibility: 4.2+ DLL Name: Rotate by Torus Map.dll   Menu: Effects &gt; Render</p>
	<p>Rotate Text Author: dpy Topic: 16643</p>	<p>Write text to the canvas at an angle. The dll named RotateTextSUI.dll has a shorter UI. Use this version if your display is 1024x768 or less. Otherwise use RotateText.dll. Both found in dpy's Pack Type: Effect   Released: 26 Oct 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: RotateText.dll or RotateTextSUI.dll   Menu: Effects &gt; Text Formations</p>
	<p>Rotate Zoom+ Author: dpy Topic: 24205</p>	<p>Zoom &amp; rotate a selection or layer with different resampling algorithms. Found in dpy's Pack Type: Effect   Released: 24 Feb 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Rotate_Zoom+.dll   Menu: Effects &gt; Distort</p>
	<p>Rotation Bilinear v1.1 Author: alexb Topic: 16741</p>	<p>Precision rotation of selection using bilinear algorithm. Type: Effect   Released: 11 Apr 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: RotationBilinear.dll   Menu: Effects &gt;</p>
	<p>Rounded Rectangle Author: Curtis Topic: 8043</p>	<p>Render a rectangle with customizable curvature in the corners. Found in Curtis' Plugin Pack. Three DLL's contain a number of effects. Type: Effect   Released: 31 Jan 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll &amp; CurtisBlack.Common.dll   Menu: Effects &gt; Render</p>
	<p>Rounded Rectangle v1.2.0.0 Author: Tim! Topic: 14355</p>	<p>Uses the Primary and Secondary colours and the current brush width to draw a rectangle with rounded corners into the current selection. Found in Tim's Effects. Type: Effect   Released: 31 Mar 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: LavEnt.Effects.RoundedRectangle.dll   Menu: Effects &gt; Render</p>

	Rubber Stamp Author: toe_head2001 Topic: 111225	Transforms an existing image to look like it was created with a rubber stamp. Type: Effect   Released: 15 Apr 2017   Status: Active   Compatibility: 4.0+ DLL Name: RubberStamp.dll   Menu: Effects > Object
	Ruler Author: toe_head2001 Topic: 107652	Renders a ruler using the specified units & sub units. This will NOT measure anything and will NOT convert pixel length to another unit of length. Type: Effect   Released: 13 Mar 2016   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Ruler.dll   Menu: Effects > Render
Obsolete	Sabrown100 Plugin Pack Author: Simon Brown Topic: 8339	Superseded by later release: see Simon Brown's Plugin Pack. Forum thread no longer exists. Type: Plugin Pack   Released: 17 Feb 2008   Status: Obsolete   Compatibility: Untested DLL Name: N/A   Menu: N/A
	Saturation RGB Author: ReMake Topic: 30179	Separately adjust the saturation of the red, green and blue color channels. Type: Adjustment   Released: 13 Oct 2014   Status: Active   Compatibility: 4.0+ DLL Name: SaturationRGB_en.dll   Menu: Adjustments >
	Saturation to Alpha (formerly Switch Color to Alpha) Author: Joshua Lamusga Topic: 27567	Sets the transparency of each pixel equal to the intensity of it's color. In other words it overwrites the alpha channel with the saturation value. It makes colors with less saturation more transparent (and vice versa). Type: Effect   Released: 12 Jun 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Color2Alpha.dll   Menu: Effects > Transparency
Filetype	Scalable Vector Graphics Filetype Author: otuncelli Topic: 117086	Filetype plugin for loading SVG (Scalable Vector Graphics) and its compressed variant SVGZ files. SVG elements can be rendered all on a single layer, or each on a separate layer. The plugin is a tiny wrapper around the SVG.NET Library which does the actual SVG reading. Type: Filetype   Released: 18 Sep 2020   Status: Active   Compatibility: 4.2+ DLL Name: SvgFileType.dll   Menu: N/A
	Scintillate Author: Red Ochre Topic: 27003	Alternately inverts the colours of an image in a tiltable pattern. At small scale the result is a migraine inducing tiled moire style pattern. Slightly larger scales mimics a half-tone effect. Type: Effect   Released: 25 Aug 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Scintillate.dll   Menu: Effects > Stylize
	Scratch Art Author: ReMake Topic: 110529	Mimics scratching lines through black paint overlaying colored paper. Type: Effect   Released: 30 Oct 2016   Status: Active   Compatibility: 4.0+ DLL Name: ScratchArt_en.dll   Menu: Effects > Artistic
	Screen Pixel Author: toe_head2001 Topic: 31570	An update of Bleek II's ScreenPixel plugin. Use it to breaks an image into it's constituent RGB components. For a pdn 3.5 compatible version see post #3 in the thread. Type: Effect   Released: 25 Feb 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ScreenPixel.dll   Menu: Effects > Distort
	ScreenPixel Author: Bleek II Topic: 9059	Takes a (preferably pixelated) image and breaks the blocks into RGB components. Type: Effect   Released: 29 Mar 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ScreenPixel.dll   Menu: Effects > Distort
	Scribble Author: Red Ochre Topic: 27426	Change a photographic image to look like a hand drawn picture. Many presets including; coloured pencil drawing, graphite pencil, cross-hatched ink and scratchboard. Also the ability to save your settings. Type: Effect   Released: 15 Nov 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Scribble.dll   Menu: Effects > Artistic

	<p>ScriptLab v2.4  Author: pyrochild  Topic: 6091</p>	<p>Create compilations of other paint.net effects, adjustments, and plugins. You can save, load, and share your scripts. Includes Batch Processor. Found in Pyrochild's Plugins  Type: Effect   Released: 19 Sep 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ScriptLab.dll   Menu: Effects &gt; Advanced</p>
	<p>Seamless Move  Author: davidf  Topic: 25544</p>	<p>Helps create seamless images. Somewhat similar to Seamless Texture Maker  Type: Effect   Released: 11 Apr 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SeamlessMove.dll   Menu: Effects &gt; Distort</p>
Deprecated	<p>Seamless Texture Helper  Author: BoltBait  Topic: 2244</p>	<p>Makes a given image seamlessly repeatable. Largely replaced by Seamless Texture Maker  Type: Effect   Released: 15 Nov 2006   Status: Deprecated   Compatibility: 3.5.x, 4.0x  DLL Name: SeamlessHelper.dll   Menu: Effects &gt;</p>
	<p>Seamless Texture Maker  Author: MadJik  Topic: 4591</p>	<p>An updated version of BoltBait's Seamless Texture Helper. Create textures with no apparent edge when tiled. Found in Magical Plugins Megapack.  Type: Effect   Released: 21 Jun 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SeamlessTextureMaker.dll   Menu: Effects &gt; Distort</p>
	<p>Segment Image  Author: Neil Cassidy  Topic: 16962</p>	<p>Analyzes image and groups pixels that are relatively close together in the image and have roughly the same color.  Type: Effect   Released: 11 Dec 2009   Status: Active   Compatibility: 3.5.x  DLL Name: SegmentImage.dll   Menu: Effects &gt; Color</p>
	<p>Seismograph  Author: Ed Harvey  Topic: 18811</p>	<p>Transform an image into a colored line representation. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects.  Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Stylize</p>
	<p>Selection Obscurer  Author: sradforth  Topic: 25146</p>	<p>Remove dust/spots/freckles/moles/left over food/extra limbs/etc.. This is a little like small scale seam carving. Found in Stu's Effects.  Type: Effect   Released: 08 Aug 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SelectionObscure.dll   Menu: Effects &gt; Selection</p>
Plugin Pack	<p>Selection Tools  Author: BoltBait  Topic: 11514</p>	<p>Mini pack of tool for working on a selection. Effects are Feather (fade edges), Bevel (add shadow/highlights), Outline and Blur. Found in BoltBait's Plugin Pack  Type: Plugin Pack   Released: 27 Aug 2008   Status: Active   Compatibility: Untested  DLL Name: SelectionTools.dll   Menu: Effects &gt; Selection</p>
	<p>Selection2clear  Author: Red Ochre  Topic: 24861</p>	<p>Makes the selection transparent, whilst leaving the selection active. Found in Red Ochre's Plugin Pack  Type: Effect   Released: 06 May 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: selection2clear.dll   Menu: Effects &gt; Transparency</p>
	<p>SelectionInnerContour  Author: HorridoJoho  Topic: 27801</p>	<p>Applies an inner contour to a selection using the primary color. Similar to BoltBait's Selection Outline plugin, but faster.  Type: Effect   Released: 31 Jan 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SelectionInnerContour.dll &amp; SelectionInnerContour.pdb   Menu: Effects &gt; Selection</p>
	<p>Selective Enhancement v1.  1  Author: HiPhiSch  Topic: 13522</p>	<p>Spread out or push together colors close to the selected one.  Type: Effect   Released: 16 Jan 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: phips_selective_enhancer.dll   Menu: Effects &gt; Color</p>

<p>Selective Palette  Author: Curtis  Topic: 8043</p>	<p>Build up a list of colours, then convert each pixel in the image to the closest colour in the list. Lists can be saved and loaded as paint.net Palette files. Found in Curtis' Plugin Pack. Three DLL's contain a number of effects.  Type: Effect   Released: 31 Jan 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll &amp; CurtisBlack.Common.dll   Menu: Effects &gt; Color</p>
<p>Selective Toning v1.0  Author: HiPhiSch  Topic: 13554</p>	<p>Apply toning corrections. With blending mode selector and alpha channel support. Similar to Advanced Color Replacement.  Type: Effect   Released: 18 Jan 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: phips_selective_toning.dll   Menu: Effects &gt; Color</p>
<p>Self Spiral  Author: Xhin  Topic: 115534</p>	<p>Twists the entire image around itself and reflects it outwards. It's the love-child of the Droste and Polar Inversion effects!  Type: Effect   Released: 20 Nov 2019   Status: Active   Compatibility: 4.2+  DLL Name: Self Spiral.dll   Menu: Effects &gt; Polar</p>
<p>Self-Negation  Author: Xhin  Topic: 25083</p>	<p>Does the equivalent of taking a selection, adding it to another layer, setting the layer mode to 'Negation' and flattening it.  Type: Effect   Released: 26 Jul 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Self-Negation.dll   Menu: Effects &gt; Color</p>
<p>Sepia 2  Author: KrisVDM  Topic: 8375</p>	<p>Apply a sepia filter to an image. Configurable intensity. Found in Kris VDM's Plugin Pack.  Type: Adjustment   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Vandermotten.PaintDotNetEffects.Monochromes.dll &amp; Vandermotten.PaintDotNetEffects.dll   Menu: Adjustments &gt;</p>
<p>ShadiSearch  Author: doverdemon77  Topic: 27110</p>	<p>Diagnose the Shade, Transparency and Saturation of an image or selection by recoloring using the Primary color.  Type: Effect   Released: 19 Sep 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ShadiSearch2.dll   Menu: Effects &gt; Diagnostic</p>
<p>Shadow / Highlight Recovery  Author: Tanel  Topic: 5578</p>	<p>Fix excessively contrasted photos, by brightening shadows and/or darkening highlights. Found in Tanel's Plugin Pack.  Type: Effect   Released: 22 Aug 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ShadowHighlight.dll   Menu: Effects &gt; Photo</p>
<p>Shadow effect  Author: ryanr23  Topic: 1900</p>	<p>Generates shadows with angle and transparency options. Like Google Map. Recompiled by Midora to work with paint.net 4.x.  Type: Effect   Released: 10 Jan 2006   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ShadowEffect.dll   Menu: Effects &gt;</p>
<p>Shape(ray, arrow, circle, etc)  Author: myxlpplx  Topic: 3713</p>	<p>Draw rays, arrows &amp; circles with 'tv snow' effect (similar to chalk drawing) added to the shapes.  Type: Effect   Released: 21 Apr 2007   Status: Active   Compatibility: 3.5.x  DLL Name: Shape_umabob.dll   Menu: Effects &gt;</p>
<p>Shape3D  Author: MKT  Topic: 18968</p>	<p>Wrap your image around a 3D shape (with appropriate lighting).  Type: Effect   Released: 16 Jun 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Shape3D.dll   Menu: Effects &gt; Render</p>

	<p>Shaped Gradient v1.5  Author: n d  Topic: 19669</p>	<p>Creates a gradient in a multitude of shapes. Round, square, conical, linear and also elliptic, trapezoid, hexagonal &amp; more...</p> <p>Type: Effect   Released: 15 Aug 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: shapegradient.dll   Menu: Effects &gt; Selection</p>
Obsolete	<p>ShapeMaker v1.2.3  Author: The Dwarf Horde  Topic: 32096</p>	<p>New version has been released: see ShapeMaker 1.3+</p> <p>Type: Effect   Released: 08 Mar 2015   Status: Obsolete   Compatibility: 4.0+  DLL Name: DHSShapeMaker.dll   Menu: Effects &gt; Advanced</p>
	<p>ShapeMaker v1.3+  Author: The Dwarf Horde  Topic: 110677</p>	<p>ShapeMaker is a tool which uses a WYSIWYG interface to allow the creation of SVG (Scalable Vector Graphics) Shapes, Lines and Curves. paint.net Shapes can be created and manipulated using just the mouse. Extensive documentation in two PDF files supplied in the download. The Dwarf Horde are [member=toe_head2001], [member=TechnoRobbo], [member=Red Ochre], [member=Ego Eram Reputo] and [member=BoltBait].</p> <p>Type: Effect   Released: 12 Dec 2016   Status: Active   Compatibility: 4.0+  DLL Name: DHSShapeMaker.dll   Menu: Effects &gt; Advanced</p>
	<p>Shapes  Author: MadJik  Topic: 23498</p>	<p>Render a repeating shape. User selects the increase/decrease step, speed, etc, Found in Magical Plugins Megapack.</p> <p>Type: Effect   Released: 12 Dec 2011   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Shapes.dll   Menu: Effects &gt; Render</p>
	<p>Sharpen Landscape (aka Landscape)  Author: BoltBait  Topic: 16736</p>	<p>Automates a number enhancements for landscape pictures. Also known as 'Sharpen Landscape'. Found in BoltBait's Plugin Pack</p> <p>Type: Effect   Released: 11 Mar 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Landscape.dll   Menu: Effects &gt; Photo</p>
	<p>Sharpen+ (Advanced Unsharp Mask)  Author: Tanel  Topic: 5456</p>	<p>Sharpen photos with an unsharp mask. Yields finer results than the built-in sharpen effect. Found in Tanel's Plugin Pack.</p> <p>Type: Effect   Released: 15 Aug 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Sharpen+.dll   Menu: Effects &gt; Photo</p>
	<p>Shatters  Author: black2hack  Topic: 23089</p>	<p>Break up an image into fragments. Note Beta status. Similar to Mosaic</p> <p>Type: Effect   Released: 11 Apr 2011   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Shatters_0.55beta.dll   Menu: Effects &gt; Distort</p>
	<p>Sierpinski triangle  Author: MadJik  Topic: 111494</p>	<p>Renders the Sierpinski triangle (an infinitely repeating pattern of equilateral triangles) to a selection or layer. Many options including colorization and zoom level. Found in Magical Plugins Megapack.</p> <p>Type: Effect   Released: 30 Jun 2017   Status: Active   Compatibility: 4.0+  DLL Name: Sierpinski.dll   Menu: Effects &gt; Texture</p>
	<p>Signature stamp  Author: MadJik  Topic: 112441</p>	<p>Tool kit to create a personal signature stamp which can be applied to an image as an Effect. CodeLab source file and sample images provided, along with step by step instructions. Found in Magical Plugins Megapack.</p> <p>Type: External Resource   Released: 02 Sep 2018   Status: Active   Compatibility: 4.0+  DLL Name: Signature.cs   Menu: N/A</p>
	<p>Silhouette Plugin v2.1  Author: Simon Brown  Topic: 9299</p>	<p>Silhouettes images with partial transparency; turns the RGB to 000000 while preserving alpha. Silhouette(sp?)</p> <p>Type: Effect   Released: 13 Apr 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Silhouette.dll   Menu: Effects &gt; Distort</p>

	<p>Silhouette Plus  Author: Mike Ryan  Topic: 11035</p>	<p>Converts the entire canvas into your selected color while preserving the alpha levels of each pixel. Found in Mike Ryan's Plugins  Type: Effect   Released: 29 Jul 2008   Status: Active   Compatibility: 3.5.x  DLL Name: silhouetteplus.dll   Menu: Effects &gt; Color</p>
Plugin Pack	<p>Simon B's plugin pack for 4.0  Author: Simon Brown  Topic: 28646</p>	<p>Plugin Pack for 4.0x. Pack includes Effects: Custom BrushesMini, DragFrom, Editable Text, ExtendBorder, FindEdges, Olden, PrinterPlus, ThatOtherApp and Filetype: AnimGif.  Type: Plugin Pack   Released: 06 Nov 2014   Status: Active   Compatibility: 4.0+  DLL Name: N/A   Menu: N/A</p>
Plugin Pack	<p>Simon Brown's Legacy Pack  Author: Simon Brown  Topic: 15218</p>	<p>There is no forum thread for this plugin pack. Find it as a link in one of the effect threads. Effects: Alpha Mask Brush, Bullet, Channels, Conditional Pen, Create Image Map, Desktop Background Preview, FilmNoir, FindEdges, Fire, Flags, ImageShack Upload, JPEG Effect, PDN Watermark, Pixelated Frame, Stock Library, Subtle Effect, Texture, Transitional Brush. Filetypes: AviFile, AVIImport &amp; SVGImport.  Note: the file SBCommon.dll is required to be installed with these effects.  Type: Plugin Pack   Released: 24 Jun 2009   Status: Active   Compatibility: 3.5.x  DLL Name: N/A   Menu: N/A</p>
Deprecated	<p>Simon Brown's Plugin Pack  Author: Simon Brown  Topic: 15218</p>	<p>Effects: CustomBrushesMini, ThatOtherApp, Printer+, Find Edges, Olden, Editable Text, Extend Border, DragFrom. Filetypes: Animated Image. Note: the file SBCommon.dll is required to be installed with these effects.  Type: Plugin Pack   Released: 24 Jun 2009   Status: Deprecated   Compatibility: 3.5.x, 4.0x  DLL Name: N/A   Menu: N/A</p>
	<p>Simple Lines Plugin  Author: spongey437  Topic: 5972</p>	<p>Draw vertical /horizontal lines across a selection.  Type: Effect   Released: 13 Sep 2007   Status: Active   Compatibility: 3.5.x  DLL Name: Lines.dll   Menu: Effects &gt; Render</p>
	<p>Simplify  Author: Ed Harvey  Topic: 18811</p>	<p>Blur which simplifies the image by reducing color differences (and therefore fine detail). Found in Ed Harvey Effectsv3.5. DLL contains numerous effects.  Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Blurs</p>
	<p>Simulate Color Depth  Author: cookies  Topic: 20096</p>	<p>Reduces the color depth of an image as if they had x bits of color data. Both monochrome and RGB options are included. Supporting files (dither folder) go in the /Documents/paint.net User Files/ folder.  Type: Effect   Released: 10 Dec 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SimulateColorDepth.dll plus xml supporting files.   Menu: Effects &gt; Photo</p>
Deprecated	<p>Sine Curves  Author: MadJik  Topic: 7647</p>	<p>Use Equation in Curtis' Plugin Pack.  Type: Effect   Released: 01 Sep 2008   Status: Deprecated   Compatibility: Untested  DLL Name: Sine curve.dll   Menu: Effects &gt; Render</p>
	<p>Sine Wave Distort  Author: MadJik  Topic: 4878</p>	<p>Uses sine function to apply a horizontal &amp;/or vertical shift. Found in Magical Plugins Megapack.  Type: Effect   Released: 07 Dec 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SinWaves.dll   Menu: Effects &gt; Distort</p>
	<p>Single Hue  Author: Ed Harvey  Topic: 18811</p>	<p>Recolor an image to greyscale and a single color (hue). Hue and Saturation are configurable. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects.  Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Color</p>

<p>Skew Horizontal / Vertical  Author: BoltBait  Topic: 117470</p>	<p>Skews an area by offsetting one side of a bounding rectangle in relation to the opposite side (imagine turning a rectangle into a parallelogram). Source Code provided.  Type: Effect   Released: 30 Nov 2020   Status: Active   Compatibility: 4.2+  DLL Name: Skew.dll   Menu: Effects &gt; Distort</p>
<p>Slight Edge Boost  Author: loupasc  Topic: 116594</p>	<p>Enhances image edges using unsharp mask method. Also apply sharpen only to the image luminosity in order to avoid chromatic noise amplification.  Type: Effect   Released: 06 Dec 2020   Status: Active   Compatibility: 4.2+  DLL Name: SlightEdgeBoost.dll   Menu: Effects &gt; Photo</p>
<p>Slinky  Author: Red Ochre  Topic: 28267</p>	<p>Render ellipses or circles along a line or curve... or in concentric circles. Named after the helical spring toy, this effect can be made to mimic.  Type: Effect   Released: 22 Apr 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Slinky.dll   Menu: Effects &gt; Render</p>
<p>Smart Blur  Author: KrisVDM  Topic: 8375</p>	<p>Similar to the built in Surface Blur. Found in Kris VDM's Plugin Pack.  Type: Effect   Released: 19 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Vandermotten.PaintDotNetEffects.Blurs.dll &amp; Vandermotten.PaintDotNetEffects.dll   Menu: Effects &gt; Blurs</p>
<p>Smart Sharpen  Author: Pebal  Topic: 15128</p>	<p>Dedicated to sharpening images after reduction size. Uses an adaptive algorithm, optimized for maximum reduction of halo effect.  Type: Effect   Released: 15 Jun 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SmartSharpen.dll   Menu: Effects &gt; Photo</p>
<p>Smooth  Author: null54  Topic: 28801</p>	<p>v4.0x version of Smooth - originally found in Toli's Effects plugin pack.  Type: Effect   Released: 06 May 2014   Status: Active   Compatibility: 4.0+  DLL Name: Smooth.dll, Smooth.ini &amp; IniFile.dll (required)   Menu: Effects &gt; Blurs</p>
<p>Smooth  Author: Toli  Topic: 6776</p>	<p>Selected area is smoothed internally, as if there were no surroundings. Found in Toli's Effects.  Type: Effect   Released: 11 Dec 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Smooth.dll, Smooth.ini &amp; IniFile.dll (required)   Menu: Effects &gt; Blurs</p>
<p>Smooth Noise  Author: MadJik  Topic: 112115</p>	<p>A noise generator which uses repeatable patterns and smoothing formula. Options to specify the cell size and pattern size as well as many other options. Found in Magical Plugins Megapack.  Type: Effect   Released: 14 Dec 2017   Status: Active   Compatibility: 4.0+  DLL Name: SmoothNoise.dll   Menu: Effects &gt; Noise</p>
<p>Smudge v2.2  Author: pyrochild  Topic: 10634</p>	<p>Use custom brushes (*.png format) to smudge along the mouse path. Found in Pyrochild's Plugins  Type: Effect   Released: 07 Apr 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Smudge.dll   Menu: Effects &gt; Tools</p>
<p>Soft Proofing  Author: null54  Topic: 107017</p>	<p>Simulates how the current layer would look when printed with a specified color profile. The layer can then be exported as a JPEG or TIFF with the target color profile embedded.  Type: Effect   Released: 17 Jan 2016   Status: Active   Compatibility: 4.0+  DLL Name: SoftProofing.dll + SoftProofingLCMS_x64.dll or SoftProofingLCMS_x86.dll   Menu: Effects &gt; Tools</p>
<p>Soft Saturation (aka Vibrance in 4.0x)  Author: Ed Harvey  Topic: 18811</p>	<p>Enhance or reduce the amount of color saturation. Found in Ed Harvey Effectsv3.5 (DLL contains numerous effects). Note: renamed Vibrance in 4.0x  Type: Adjustment   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Adjustments &gt;</p>



	<p>Soften Edges Author: jchunn Topic: 8586</p>	<p>Detect 'rough' edges and softens them. Found in Jesse Chunn Plugin Pack. Type: Effect   Released: 03 Mar 2008   Status: Active   Compatibility: 3.5.x DLL Name: jchunn.dll (also contains others)   Menu: Effects &gt; Blurs</p>
	<p>Soften Portrait Author: Ed Harvey Topic: 18819</p>	<p>Similar to the built in Soften Portrait effect only up to 40 times faster. Found in Ed Harvey's FastFx plugin pack. Type: Effect   Released: 05 Apr 2010   Status: Active   Compatibility: Untested DLL Name: EdHarvey.FastFx.dll, EdHarvey.FastFx.pdb and one of FastBlur_x64.dll or FastBlur_x86.dll   Menu: Effects &gt; FastFx</p>
	<p>Solarize Author: Ed Harvey Topic: 18811</p>	<p>Reverses the hue of shadows and highlights. No configurable parameters. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Color</p>
	<p>Sound Wave Author: Foxxe Topic: 116382</p>	<p>Generates a random waveform not dissimilar to a visual representation of an audio file. Codelab source code available. Type: Effect   Released: 05 Aug 2020   Status: Active   Compatibility: 4.2+ DLL Name: SoundWave.dll   Menu: Effects &gt; Render</p>
	<p>Sound Wave Author: person_321 Topic: 16129</p>	<p>Renders a wave pattern. Found in Person_321's Texture &amp; Color Plugins Type: Effect   Released: 09 Oct 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Sound wave.dll   Menu: Effects &gt; Render</p>
	<p>Spaced Text Author: simmetric Topic: 111094</p>	<p>Text rendering plugin which supports kerning &amp; line spacing as well as a slew of basic word processing effects. Does not support OTF fonts. Justify option added 4 Aug 2017. Type: Effect   Released: 03 Aug 2017   Status: Active   Compatibility: 4.0+ DLL Name: SpacedTextPlugin.dll &amp; SpacedTextPlugin.pdb   Menu: Effects &gt; Text Formations</p>
Deprecated	<p>Sparkle Glitter Author: kshotts Topic: 5942</p>	<p>Incompatible with 4.0x. Generate glowing spheres, diamonds, and flares, with lots of parameters. Replaced by MadJiks Sparkle Effect Type: Effect   Released: 09 Nov 2007   Status: Deprecated   Compatibility: 3.5.x DLL Name: Sparkle_Glitter.dll   Menu: Effects &gt; Render</p>
Obsolete	<p>Sparkle Stars Author: kshotts Topic: 5942</p>	<p>Generate stars. Replaced by MadJiks Sparkle Effect. Appears broken in 4.0.5226. Type: Effect   Released: 09 Nov 2007   Status: Obsolete   Compatibility: 3.5.x, 4.0x DLL Name: Sparkle_Stars.dll   Menu: Effects &gt; Render</p>
	<p>Sparkles Effect Author: MadJik Topic: 9293</p>	<p>Scans the image to find the bright highlights then adds some sparkle to them. Found in Magical Plugins Megapack. Type: Effect   Released: 04 Dec 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Sparkles.dll   Menu: Effects &gt; Render</p>
	<p>Speech Bubble Author: dpy Topic: 18378</p>	<p>Write speech bubbles and text directly to the canvas. Found in dpy's Pack Type: Effect   Released: 21 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: SpeechBubble.dll   Menu: Effects &gt; Text Formations</p>
	<p>Spherical Bulge Author: Xhin Topic: 115318</p>	<p>Creates a bulge-like effect within a custom circular radius Type: Effect   Released: 10 Dec 2019   Status: Active   Compatibility: 4.2+ DLL Name: Spherical_Bulge.dll   Menu: Effects &gt; Distort</p>

<p>Spiral  Author: MadJik  Topic: 7963</p>	<p>Simple spiral plugin. Use it to create/add spirals to your images. Found in Magical Plugins Megapack.  Type: Effect   Released: 27 Jan 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Spiral.dll   Menu: Effects &gt; Render</p>
<p>Spiral Text ver 1.2  Author: dpy  Topic: 16496</p>	<p>Writes text on a spiral. Found in dpy's Pack  Type: Effect   Released: 10 Oct 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SpiralText.dll   Menu: Effects &gt; Text Formations</p>
<p>Spirit Level Photo Effect  Author: Martin Osieka  Topic: 31808</p>	<p>Rotate a layer using a virtual spirit level. Ideal for misaligned horizons in photos. Note: the rotation is limited to the range +/- 45°. Many options to rescale or refit the image to the canvas.  Type: Effect   Released: 16 May 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SpiritLevel.Effect.dll &amp; SpiritLevel.Effect.dlc   Menu: Effects &gt; Photo</p>
<p>SpiroGraph  Author: MadJik  Topic: 5121</p>	<p>Draws alternated centred polygons and rotates/reduces each of them. Uses Primary &amp; Secondary colors. Found in Magical Plugins Megapack.  Type: Effect   Released: 27 Jul 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SpiroGraph.dll   Menu: Effects &gt; Render</p>
<p>SpiroShapes  Author: MadJik  Topic: 2949</p>	<p>Draws repeating polygon shapes to create a more complex shape. Similar to spirograph. Found in Magical Plugins Megapack.  Type: Effect   Released: 14 Nov 2006   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SpiroShapes.dll   Menu: Effects &gt; Render</p>
<p>Splashes  Author: MadJik  Topic: 9300</p>	<p>Create filled or unfilled splashes (think unusual closed polygon shapes). Found in Magical Plugins Megapack.  Type: Effect   Released: 13 Apr 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Splashes.dll   Menu: Effects &gt; Render</p>
<p>Splatter v1.5  Author: pyrochild  Topic: 8502</p>	<p>Create paths similar to dripping paint. Found in Pyrochild's Plugins  Type: Effect   Released: 27 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Splatter.dll   Menu: Effects &gt; Artistic</p>
<p>Splinter  Author: Ed Harvey  Topic: 18811</p>	<p>Generates a number of rays (splinters) radiating outwards from the pixel. Number of splinters, length and rotation are configurable. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects.  Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Blurs</p>
<p>Spoked Wheel  Author: toe_head2001  Topic: 107490</p>	<p>Creates a circular wheels with options to specify size, spoke number, axle size, rim thickness, color and more. CodeLab source provided. See post #12 of the thread for a paint.net 3.5.11 compatible version.  Type: Effect   Released: 21 Feb 2016   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: SpokedWheel.dll   Menu: Effects &gt; Render</p>
<p>Sponge Effect  Author: ReMake  Topic: 31821</p>	<p>Simulates painting with a sponge. Options include Brush Size, Roughness and Intensity. Also available in Russian. Source available.  Type: Effect   Released: 21 May 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Sponge_en.dll or Sponge_ru.dll   Menu: Effects &gt; Artistic</p>
<p>Spot the center  Author: MadJik  Topic: 112558</p>	<p>Places a configurable marker at the center of the canvas, selection or weighted selection. Found in Magical Plugins Megapack.  Type: Effect   Released: 03 Oct 2018   Status: Active   Compatibility: 4.0+  DLL Name: SpotCenter.dll   Menu: Effects &gt; Selection</p>

	<p>SpriteSheet Animation v1.3  Author: SeriousSam  Topic: 14848</p>	<p>Test and design Sprite Sheets.  Type: Effect   Released: 20 May 2009   Status: Active   Compatibility: Untested  DLL Name: PDNSpriteSheetAnim.dll   Menu: Effects &gt; Animation</p>
Filetype	<p>Spritesheet Export Plugin  Author: MadDugan  Topic: 26202</p>	<p>Saves a multilayered sprite sheet to a single layered file with the layers positioned side-by-side.  Type: Filetype   Released: 24 Mar 2013   Status: Active   Compatibility: Untested  DLL Name: SpriteSheet.dll   Menu: N/A</p>
	<p>Squirkle  Author: Red Ochre  Topic: 23194</p>	<p>Render 'squirkle' shapes from rounded lozenge through circle to square. Found in Red Ochre's Plugin Pack  Type: Effect   Released: 11 Dec 2011   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: squirkle.dll   Menu: Effects &gt; Render</p>
	<p>Squirkle Warp  Author: Red Ochre  Topic: 22500</p>	<p>Magnifies and distorts 'squirkular' (square/circle) shapes. Found in Red Ochre's Plugin Pack  Type: Effect   Released: 12 Jul 2011   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: squirklewarp.dll   Menu: Effects &gt; Distort</p>
	<p>Star Glow  Author: MadJik  Topic: 19363</p>	<p>Use it to add some high lustre sparkle to your image. Found in Magical Plugins Megapack.  Type: Effect   Released: 07 Nov 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: StarGlow.dll   Menu: Effects &gt; Stylize</p>
	<p>Starry Sky  Author: mcamp14  Topic: 17641</p>	<p>Creates a starry sky (utilizes PixelLab). Renders a handful of stars on a black background. No configurable parameters.  Type: Effect   Released: 01 Apr 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Starry.dll   Menu: Effects &gt; Render</p>
	<p>Stars Effect  Author: MadJik  Topic: 9295</p>	<p>Create polygon based multipoint stars. Found in Magical Plugins Megapack.  Type: Effect   Released: 04 Dec 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Stars.dll   Menu: Effects &gt; Render</p>
	<p>Steganography  Author: BoltBait  Topic: 4786</p>	<p>Hide / show a second image in your original image. Found in BoltBait's Plugin Pack  Type: Effect   Released: 07 Jun 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Steganography.dll   Menu: Effects &gt; Steganography</p>
	<p>Stencil  Author: jchunn  Topic: 8410</p>	<p>Convert an image (or selection) into a two color image similar to a stencil. Found in Jesse Chunn Plugin Pack.  Type: Effect   Released: 21 Feb 2008   Status: Active   Compatibility: 3.5.x  DLL Name: jchunn.dll (also contains others)   Menu: Effects &gt; Artistic</p>
	<p>Stencil2Eye  Author: doverdemon77  Topic: 27105</p>	<p>Create a stencil (monotone) image based on the primary color.  Type: Effect   Released: 18 Sep 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Stencil2Eye.dll   Menu: Effects &gt; Color</p>
	<p>Stewien Filters  Author: John Stewien  Topic: 14283</p>	<p>Apply one of five filters to your image. Filters are Dilate, Kuwahara Filter, Kuwahara Filter Modified, To Angle and Transparency By Color Subtraction.  Type: Effect   Released: 23 Mar 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: StewienFilters.dll   Menu: Effects &gt; Stewien Filters</p>
	<p>StickMan  Author: Ego Eram  Reputo  Topic: 108546</p>	<p>A plugin which helps position &amp; pose predefined stick figures using a simple click-n-drag interface. Found in EER's Plugin Pack.  Type: Effect   Released: 05 Jul 2016   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Stickman.dll   Menu: Effects &gt; Render</p>

	<p>Stipple Author: davidf Topic: 25637</p>	<p>Replaces an image with a 'dotted' version (circles with density depending on the image brightness). Type: Effect   Released: 21 Nov 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Stipple.dll   Menu: Effects &gt; Artistic</p>
	<p>Stitch Author: pyrochild Topic: 5936</p>	<p>Distorts base image with a 'splintered' appearance. Found in Pyrochild's Plugins Type: Effect   Released: 09 Oct 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Stitch.dll   Menu: Effects &gt; Distort</p>
Unsupported	<p>StockLibrary1.5 Author: Simon Brown Topic: 10521</p>	<p>Manage your stock images from within paint.net. Found in Simon Brown's Legacy Plugin Pack. Type: Effect   Released: 29 Jun 2008   Status: Unsupported   Compatibility: Untested DLL Name: StockLibrary.dll   Menu: Unknown</p>
	<p>Stray Pixel Remover Author: archip Topic: 26533</p>	<p>Removes pixels which are surrounded by transparent pixels. More poetically, it removes opaque islands in a sea of transparency. 4.0 version recompiled by toe_head2001. Type: Effect   Released: 06 May 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: StrayPixelRemover.dll   Menu: Effects &gt; Misc</p>
	<p>StringAndPin Author: Red Ochre Topic: 29451</p>	<p>Mimics String Art (aka Nail and Yarn) by stringing colored lines evenly between three fixed points to form abstract geometric patterns. Relocatable 'pin' points &amp; many coloring options. Type: Effect   Released: 30 Jul 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: StringAndPin.dll   Menu: Effects &gt; Iterative Lines</p>
Plugin Pack	<p>Stus Effects Author: sradforth Topic: 17732</p>	<p>Selection Obscurer, Advanced Rotate, Alpha Contrast, Vignette, iPhone TabBar Icon Maker &amp; RGB remapper. Type: Plugin Pack   Released: 01 Dec 2010   Status: Active   Compatibility: 3.5.x DLL Name: N/A   Menu: N/A</p>
	<p>Style Transfer Author: Pat L Topic: 115802</p>	<p>Transfer the style of one image to another. Select a style from list of presets or apply a style extracted from another image. Comes with it's own installer. Type: Effect   Released: 01 May 2020   Status: Active   Compatibility: 4.2+ DLL Name: StyleTransferEffect.dll   Menu: Effects &gt; Artistic</p>
	<p>SubLCD Author: toe_head2001 Topic: 32402</p>	<p>This is a usability update of xrl's original SubLCD resize plugin (LCD Subsampling resize), which is 'useful if you want to display your images in a LCD/Plasma screen as it gives the appearance of a little more resolution.' Type: Adjustment   Released: 10 Oct 2015   Status: Active   Compatibility: 4.0+ DLL Name: SubLCD.dll   Menu: Adjustments &gt;</p>
Unsupported	<p>SubtleEffect Author: Simon Brown Topic: 10784</p>	<p>Incompatible with 4.0x. Allows you to select a plugin and independently adjust the opacity that the effect will hold over the original image. Found in Simon Brown's Legacy Plugin Pack. Type: Effect   Released: 07 Dec 2008   Status: Unsupported   Compatibility: 3.5.x DLL Name: SubtleEffect.dll   Menu: Unknown</p>
	<p>Subtract Color Author: davidf Topic: 25498</p>	<p>An easy to use color remover (i.e. color-to-alpha). Type: Effect   Released: 23 Oct 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: SubtractColor.dll   Menu: Effects &gt; Color</p>
Filetype	<p>SVG Filetype Author: Martin Osieka Topic: 27228</p>	<p>Imports SVG and SVGZ files (Scalable Vector Graphics) and renders them as paint.net layers. Updated by Ievgen Naida to support LAYERS. Type: Filetype   Released: 14 Oct 2013   Status: Active   Compatibility: Untested DLL Name: ImSVG.Open.FileType.dll &amp; ImSVG.Open.FileType.dlc. OptionBasedLibrary vX.X.dll &amp; OptionBasedLibrary vX.X.dlc.   Menu: N/A</p>

Unsupported	<p>SVGImport Author: Simon Brown Topic: 11537</p>	<p>Adds support for SVG files. Files will be rasterized by the conversion process. Note: requires InkScape be installed. Type: Filetype   Released: 28 Aug 2008   Status: Unsupported   Compatibility: Untested DLL Name: SVGImport.dll   Menu: N/A</p>
	<p>Switch Alpha to Gray Author: BoltBait Topic: 8318</p>	<p>Converts the image to shades of gray based on the alpha value of each pixel. Useful for making masks. Found in BoltBait's Plugin Pack Type: Effect   Released: 15 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Alpha2Gray.dll   Menu: Effects &gt; Object</p>
	<p>Switch Gray to Alpha Author: BoltBait Topic: 8318</p>	<p>Deletes white/black from and image (leaving transparent pixels). Converts all other pixels to black. Useful for isolating line art. Found in BoltBait's Plugin Pack Type: Effect   Released: 15 Feb 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Gray2Alpha.dll   Menu: Effects &gt; Object</p>
	<p>Symmetric Mandala Creator Author: High Resolution Topic: 113631</p>	<p>Eight way mirroring plugin which replicates the NW to N octet. NB: Only works on square canvasses. Type: Effect   Released: 01 Apr 2019   Status: Active   Compatibility: 4.1+ DLL Name: ForCrossMirror.dll   Menu: Effects &gt; Artistic</p>
	<p>Table Author: Red Ochre Topic: 110234</p>	<p>Renders tables and grids. Only found in Red Ochre's plugin pack. Type: Effect   Released: 03 Jun 2017   Status: Active   Compatibility: 4.0+ DLL Name: Table.dll   Menu: Effects &gt; Render</p>
<p>Take screen shots and paint it in paint.net Author: pamkkkkk Topic: 11196</p>	<p>Screen shot utility to take screen images and send them to paint.net. Type: External Resource   Released: 08 Sep 2008   Status: Active   Compatibility: Untested DLL Name: ClippingsDotNET_Setup.exe   Menu: N/A</p>	
Plugin Pack	<p>Tanel's Photo and Color Plugins Author: Tanel Topic: 11619</p>	<p>Effects: Sharpen+, Shadow/highlight recovery, Local contrast enhancement, Color to alpha, Color mixer, Red eye quick fix, Basic photo adjustments, Black &amp; White Converter, Eyeshine (animal red-eye) removal, Grain noise, Alpha blur v2, Bidirectional Blur. Type: Plugin Pack   Released: 09 Jan 2008   Status: Active   Compatibility: Untested DLL Name: N/A   Menu: N/A</p>
	<p>Target Panel Author: rwp80 Topic: 10729</p>	<p>Target Panel v1.0 advanced color manipulator. Found in Color Target Plugin Pack Type: Effect   Released: 07 Oct 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TargetPanelV10.dll   Menu: Effects &gt; Color</p>
	<p>Tartan Author: toe_head2001 Topic: 32450</p>	<p>Build and render custom tartan/plaid patterns. Type: Effect   Released: 23 Oct 2015   Status: Active   Compatibility: 4.0+ DLL Name: Tartan.dll   Menu: Effects &gt; Texture</p>
	<p>Tattersall Author: toe_head2001 Topic: 32376</p>	<p>Generates a Tattersall pattern with custom colors, line width, spacing, and line style. Type: Effect   Released: 10 May 2015   Status: Active   Compatibility: 4.0+ DLL Name: Tattersall.dll   Menu: Effects &gt; Render</p>

Plugin Pack	TechnoRobbo's Plugin Pak Author: TechnoRobbo Topic: 26725	TechnoRobbo's Plugin Pak. Contains: TR's Displacement Map, TR's ZigZag, TR's Tesla Coil, TR's Star Filter, TR's Scatter, TR's Cloud Control, Tessellation Combo, Noise Bleacher, Line Tracer, Layer Cake, Full Spectrum Posterizer, Fish Eye, Distort This!, CMY Ghost, Cycle HSV, TR's Halftone, TR's Colorizer HMS, TR's Tiled Pixels, TR's Edge Fader Extreme (EFX), TR's Pixel Sharpener, TR's B&W Photo, TR's Bokeh, TR's Pixel Pusher, TR's Tilt Shift, TR's Contour Filler, TR's Coquin Graduated Filter, TR's Strobe Motion, TR's Str8Edge Tool, TR's Film Stock, TR's Alpha Cutter, TR's Smudger, TR's Pixel Puller, TR's DoodleMatic, TR's FreeWarp, TR's SplineMaster, TR's PseudoSnap. Type: Plugin Pack   Released: 07 Aug 2013   Status: Active   Compatibility: Untested DLL Name: N/A   Menu: N/A
	Temperature / Tint Adjustment Author: BoltBait Topic: 111031	Adjusts photos to tune the image temperature (blue through orange) and tinting (green through magenta). Type: Adjustment   Released: 16 Feb 2017   Status: Active   Compatibility: 4.0+ DLL Name: Temperature.dll   Menu: Adjustments >
Plugin Pack	Tessellation Combo Author: TechnoRobbo Topic: 26605	A pair of plugins to offset an object then tile it from the clipboard. Type: Plugin Pack   Released: 16 Jun 2013   Status: Active   Compatibility: 3.5.x DLL Name: Offset.dll & PasteFill.dll   Menu: N/A
	Tesserae v1.0 Author: NomBot Topic: 110802	A mosaic effect which uses path brushes to apply a tiled texture to an existing image. Type: Effect   Released: 23 Dec 2016   Status: Active   Compatibility: 4.0+ DLL Name: Tesserae.dll   Menu: Effects > Artistic
	Text Distortion Author: xod Topic: 113886	Create text and simultaneously apply a preset distortion to warp the result. Type: Effect   Released: 03 Jul 2019   Status: Active   Compatibility: 4.1+ DLL Name: TextDistorsion.dll   Menu: Effects > Text Formations
	Text Pro (free trial) Author: romein Topic: 17056	Impressive Word Art package for paint.net. Registration is required to remove watermark protection. Type: Effect   Released: 19 Nov 2009   Status: Active   Compatibility: 3.5.x DLL Name: TextPro.dll   Menu: Effects >
	Text Steganography BETA Author: I Like Pi Topic: 7792	Encodes hidden text within an image. The plugin is also needed to view the text. Note: Beta status. Type: Effect   Released: 18 Jan 2008   Status: Active   Compatibility: Untested DLL Name: TextSteganography.dll   Menu: Effects > Steganography
	Text Window Author: toe_head2001 Topic: 32208	Renders a string of text to the layer or selection. String can be repeated, offset & a specific font specified. For PDN 3.5 version see post #21 in the thread. Type: Effect   Released: 26 Aug 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TextWindow.dll   Menu: Effects > Text Formations
	Text+ Author: dpy Topic: 25214	Render text specifying line spacing, location, direction, color and font pitch. Useful for when you need precise placement of text. Type: Effect   Released: 21 Aug 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Textplus.dll   Menu: Effects > Text Formations
Deprecated	Texture Author: Simon Brown Topic: 15218	Add a custom texture to the image on the canvas. Found in Simon Brown's Legacy Plugin Pack. Type: Effect   Released: 24 Jun 2009   Status: Deprecated   Compatibility: 3.5.x DLL Name: Texture.dll   Menu: Effects > Stylize
	Texture Merger Author: MJW Topic: 110518	Combines two height maps, one on the canvas and the other in the clipboard. Each height map consists of an 8-bit alpha channel and a 24-bit depth, formed by combining the RGB channels into a single 24-bit unsigned integer. Type: Effect   Released: 27 Oct 2016   Status: Active   Compatibility: 4.0+ DLL Name: TextureMerger.dll   Menu: Effects > Height Map

Texture Object Rounder Author: MJW Topic: 111754	Converts objects to rounded height maps. For the most common case of an object that's symmetric about the vertical axis, it produces a height map for the object of rotation. For example, it will convert a filled circle to a spherical height map, a filled isosceles triangle to a conical height map, and a filled rectangle to a cylindrical height map. Type: Effect   Released: 13 Sep 2017   Status: Active   Compatibility: 4.0+ DLL Name: Texture Object Rounder.dll   Menu: Effects > Height Map
Texture Scaler Author: MJW Topic: 110853	Utility to rescale height maps. Type: Effect   Released: 01 Aug 2017   Status: Active   Compatibility: 4.0+ DLL Name: Texture Scaler.dll   Menu: Effects > Height Map
Texture Shader Author: MJW Topic: 116947	Uses the current layer as a height map to texture an image held in the clipboard. The clipboard image will appear to have shading and displacement applied as defined by the black and white height map. For 3.5.11 compatible version see post #20. Type: Effect   Released: 27 Jun 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TextureShader.dll   Menu: Effects > Distort
Texture Smoother Author: MJW Topic: 110314	Attempts to smooth black-and-white height maps into 24-bit height maps using 'Laplacian smoothing', which amounts to repeatedly replacing each depth with a weighted average of the depths in the immediate neighborhood. Type: Effect   Released: 09 Oct 2016   Status: Active   Compatibility: 4.0+ DLL Name: TextureSmoother.dll   Menu: Effects > Height Map
Texturize effect Author: MichaelVinther Topic: 14278	Add a texture to a photo or image by changing the pixels brightness (based on the gradient of the texture). Type: Effect   Released: 23 Mar 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Texturize.dll   Menu: Effects > Artistic
Deprecated That other app v2.2 Author: Simon Brown Topic: 13005	Adds an item to the tools menu which allows you to shell out to another application (GIMP, Photoshop, etc...) to edit the current layer. On Save & Close the changes will appear in paint.net. A newer version has been released by Null54 Type: Effect   Released: 12 Aug 2008   Status: Deprecated   Compatibility: 3.5.x, 4.0x DLL Name: ThatOtherApp.dll   Menu: Effects > Tools
ThatOtherApp Plus Author: null54 Topic: 116253	Exports the active layer to other image editors. This is the revised and re-released version of Simon Brown's That Other App v2.2. Type: Effect   Released: 14 Apr 2020   Status: Active   Compatibility: 4.2+ DLL Name: ThatOtherAppPlus.dll   Menu: Effects > Tools
Thermal Heat Map Author: Ego Eram Reputo Topic: 20672	Create a thermal representation of an image where brightness becomes 'heat' and dimness becomes 'cool'. Type: Effect   Released: 23 Dec 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ThermalHeatMapEffect.dll   Menu: Effects > Distort
Thorn Fractal Author: Reptillian Topic: 117354	Fractal (Strange Attractor) generator. Ported from G'MIC-QT. Source code available (released under CeCILL v2.0) Type: Effect   Released: 11 Mar 2020   Status: Active   Compatibility: 4.2+ DLL Name: Thorn Fractal.dll   Menu: Effects > Render
Threshold Author: Ed Harvey Topic: 1768	Converts a range of colors to black and white based on the user set threshold. Color channel is selectable as are the minima and maxima. Found in Ed Harvey Effects v3.5 Type: Effect   Released: 09 Oct 2006   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll   Menu: Effects > Color

Obsolete	<p>Threshold Author: Simon Brown Topic: 9324</p>	<p>The threshold effect will change all pixels over the specified number to white, and the rest black. This version is obsolete, use Ed Harvey's version in Ed Harvey Effects Type: Effect   Released: 14 Apr 2008   Status: Obsolete   Compatibility: Untested DLL Name: Unknown   Menu: Unknown</p>
New	<p>Tile Count Author: HCGS Topic: 117625</p>	<p>Automates numbering of tiled or grid based images (e.g. spritesheets). Counts a 'tile' if at least one pixel exceeds the specified alpha threshold. Source code provided. Type: Effect   Released: 06 Jan 2021   Status: New   Compatibility: 4.2+ DLL Name: TileCount.dll   Menu: Effects &gt; Render</p>
	<p>Tile Fill From Clipboard Author: dan9298 Topic: 12831</p>	<p>Incompatible with 4.0x. Fills the current image with a tiled version of another image (held in the clipboard). Type: Effect   Released: 22 Nov 2008   Status: Active   Compatibility: 3.5.x DLL Name: TileFillFromClipboard.dll   Menu: Effects &gt; Fill</p>
	<p>Tile Image Author: Curtis Topic: 8043</p>	<p>Tiles the image a number of times in each direction. Has the ability to flip every 2nd image to make the edges line up. Found in Curtis' Plugin Pack. Three DLL's contain a number of effects. Type: Effect   Released: 31 Jan 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: CurtisBlack.Effects.dll, CurtisBlack.Resources.dll &amp; CurtisBlack.Common.dll   Menu: Effects &gt; Distort</p>
	<p>Tiled Form Author: Reptillian Topic: 117492</p>	<p>Create tiled shapes into the canvas. The colors are calculated by weighted average. Source code available. Note non-standard installation due to the requisite supporting GmicSharpNative files. Type: Effect   Released: 12 May 2020   Status: Active   Compatibility: 4.2+ DLL Name: TiledFormGmicPDN.dll &amp; supporting folder/files GmicSharpNative   Menu: Effects &gt; Artistic</p>
	<p>Tiles Reflection XY Author: MadJik Topic: 6322</p>	<p>Enhanced version of 'Tiles Reflection' from paint.net v3.1. Found in Magical Plugins Megapack. Type: Effect   Released: 10 Aug 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Tiles.dll   Menu: Effects &gt; Distort</p>
	<p>TileWorld Author: Ego Eram Reputo Topic: 110911</p>	<p>Uses a point &amp; click interface to tiles square regions of a loaded image onto the active layer. Found in EER's Plugin Pack. Type: Effect   Released: 22 Jan 2017   Status: Active   Compatibility: 4.0+ DLL Name: TileWorld.dll   Menu: Effects &gt; Render</p>
Plugin Pack	<p>Tim's Effects Author: Tim! Topic: 14145</p>	<p>Contains: Rounded Rectangle v1.2 &amp; Mosaic Effect v1.0. Type: Plugin Pack   Released: 03 Nov 2009   Status: Active   Compatibility: 3.5.x DLL Name: N/A   Menu: N/A</p>
	<p>Tint Splinter Author: Xhin Topic: 25298</p>	<p>Recolor an image by simultaneously tinting it with two different colors. Can take an RGB channel and shift it to another, for example shift green to red. Type: Effect   Released: 09 Oct 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Tint-Splitter.dll   Menu: Effects &gt; Color</p>
Filetype	<p>TinyPNG Author: toe_head2001 Topic: 31604</p>	<p>Save filetype plugin that uses the TinyPNG service to compress images. TinyPNG is a lossy compression system which maintains transparency and most visual quality. Note: An active internet connect is required. The plugin will send your image to a third party service (TinyPNG), and download the compressed version. You should read TinyPNG's Terms of Service, and you need to sign up for your own API key. Type: Filetype   Released: 03 May 2015   Status: Active   Compatibility: 4.0+ DLL Name: TinyPNGFileType.dll and TinyPNG.txt   Menu: N/A</p>



Plugin Pack	<p>toe_head2001's Plugin Pack  Author: toe_head2001  Topic: 109944</p>	<p>Adjustments: SubLCD. Effects: Gaussian Blur (Clamped), Screen Pixel, Blur Fill, Inset Box Shadow, Barcode, Bulletin Board Trim, Coordinate Plane Points, Gingham, Isometric Cuboid, Jigsaw Puzzle, Pie Chart, Postage Stamp, Ruler, Spoked Wheel, Tartan, Tattersall, Two-point Perspective, Radius Corners &amp; Text Window. Available as stand-alone dll's or can be installed with custom exe installer.  Type: Plugin Pack   Released: 07 Oct 2016   Status: Active   Compatibility: 4.0+  DLL Name: N/A   Menu: N/A</p>
	<p>Toggle Alpha Channel  Author: wbeard52  Topic: 30207</p>	<p>Modify the alpha channel by resetting the Alpha value (subtracting the alpha channel value from 255). CodeLab source code included.  Type: Effect   Released: 23 Oct 2014   Status: Active   Compatibility: 4.0+  DLL Name: Toggle Alpha Channel.dll   Menu: Effects &gt; Artistic</p>
Plugin Pack	<p>Toli's Effects  Author: Toli  Topic: 6828</p>	<p>Effects: Mirror/Rotate, Mirror / Rotate Menu, Engrave/Emboss, Smooth. All effects require IniFile.dll be present in /Effects/ folder. Language files are also available as part of the package.  Type: Plugin Pack   Released: 14 Nov 2007   Status: Active   Compatibility: 3.5.x  DLL Name: N/A   Menu: N/A</p>
Plugin Pack	<p>Toli's Effects for v4.0  Author: null54  Topic: 28801</p>	<p>Null54 has recompiled 'Toli's Effects v2.0.2' pack in to be compatible with paint.net 4.0. Effects: Mirror/Rotate, Mirror / Rotate Menu, Engrave/Emboss, Smooth. All effects require IniFile.dll be present in /Effects/ folder.  Type: Plugin Pack   Released: 06 May 2014   Status: Active   Compatibility: 4.0+  DLL Name: N/A   Menu: N/A</p>
Filetype	<p>Tom's Palette Format  Author: EzArik  Topic: 112698</p>	<p>Load and save Tom's palette format (Palettes data is displayed on odd lines in rows of 32, the next line contains the previous lines Quantise information)  Type: Filetype   Released: 15 Apr 2018   Status: Active   Compatibility: Untested  DLL Name: TomsPaletteFormatFileType.dll   Menu: N/A</p>
	<p>Tone Gradient Angle  Author: Red Ochre  Topic: 111532</p>	<p>Reinterprets the tone gradient as a height map with directional lighting. Various emboss type effects and coloring options.  Type: Effect   Released: 07 Oct 2017   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TGAngle.dll   Menu: Effects &gt; Stylize</p>
	<p>Tone Gradient Magnitude  Author: Red Ochre  Topic: 111577</p>	<p>Reinterprets the magnitude of the tone gradient to create various outline effects. In other words it creates an outline in proportion to the change in tone.  Type: Effect   Released: 23 Jul 2017   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TGMagnitude.dll   Menu: Effects &gt; Stylize</p>
	<p>Toon Filter  Author: ownage  Topic: 1671</p>	<p>Extracts pencil / line type drawing from an image (based on edge detection).  Type: Effect   Released: 28 Aug 2006   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TOON.dll   Menu: Effects &gt;</p>
	<p>Toon Shader  Author: Smoke_Dev420  Topic: 15306</p>	<p>Simplifies image colors using code based on DirectX toon shaders.  Type: Effect   Released: 07 Mar 2009   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Toon Shader.dll   Menu: Effects &gt; Artistic</p>
	<p>Tournesol (Sun flower seeds)  Author: MadJik  Topic: 111832</p>	<p>Creates spiraling strings of seeds or beads in vivid color. Found in Magical Plugins Megapack.  Type: Effect   Released: 10 Mar 2017   Status: Active   Compatibility: 4.0+  DLL Name: Tournesol.dll   Menu: Effects &gt; Texture</p>
	<p>TR's Alpha Cutter  Author: TechnoRobbo  Topic: 26966</p>	<p>Set up to 512 points around an object to define a mask.  Type: Effect   Released: 18 Aug 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsAlphaCutter.dll   Menu: Effects &gt; Object</p>

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TR's Alpha Mapper Author: TechnoRobbo Topic: 29957	Graphically adjust how brightness translates to transparency. Useful for blending images. Type: Adjustment   Released: 09 Mar 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsAlphaMapper.dll   Menu: Adjustments >
TR's B&W Photo Author: TechnoRobbo Topic: 26811	Simulates the use of color filters and hot spots in B&W photography. Type: Effect   Released: 21 Jul 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsBWPhoto.dll   Menu: Effects > Color
TR's Bokeh Author: TechnoRobbo Topic: 26826	A classic photographic effect of multicolored diffuse circles overlaid over the image. Almost like blurred Christmas lights. Type: Effect   Released: 24 Jul 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsBokeh.dll   Menu: Effects > Photo
TR's Brush Strokes Author: TechnoRobbo Topic: 31402	Redraws the contents of the layer/selection with simulated brush strokes. Options: Texture, Stroke Width, Stoke Direction, Bristles. Type: Effect   Released: 01 May 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsBrushStrokes.dll   Menu: Effects > Artistic
TR's Cloud Control Author: TechnoRobbo Topic: 26713	Renders configurable clouds to the layer or selection. Type: Effect   Released: 07 May 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsCloudControl.dll   Menu: Effects > Render
TR's Color Reducer and palette maker Author: TechnoRobbo Topic: 29424	Reduce the number of colors (n) in an image. Useful to reduce file sizes. Editable color table if n<1000 and ability to save as a palette if n<97. Type: Effect   Released: 28 Jul 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsColorReducer.dll   Menu: Effects > Color
TR's Color Wave Author: TechnoRobbo Topic: 31420	Finds the borders between colors (not shades) and allows the user to interpret 'ripples' as they fan out in waves from the epicenter. Type: Effect   Released: 16 Jan 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsIsopleth.dll   Menu: Effects > Artistic
TR's Colorizer HMS Author: TechnoRobbo Topic: 26739	Smoothly adjust the image colorization between three color ranges (highlights, midtones & shadow). Type: Effect   Released: 07 Sep 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TR'sColorizerHMS.dll   Menu: Effects > Color
TR's Contour Filler Author: TechnoRobbo Topic: 26854	Gradient fill effect which conforms to the contour of the Alpha Channel. Type: Effect   Released: 30 Jul 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsColorFiller.dll   Menu: Effects > Color
TR's Coquin Graduated Filter Author: TechnoRobbo Topic: 26875	Apply Jean Coquin's graduated filter. A simulation of the 1970's photographic effect. Type: Effect   Released: 08 Jan 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsCoquin.dll   Menu: Effects > Color
TR's Croquis Author: TechnoRobbo Topic: 31872	A French word, croquis means 'sketch'. The plugin mimics a quick pencil sketch of the contents of the selection or layer. Type: Effect   Released: 06 Mar 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsCroquis.dll   Menu: Effects > Artistic

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	<p>TR's Custom Palette Matcher  Author: TechnoRobbo  Topic: 27677</p>	<p>Remaps the image colors to conform to a custom (paint.net) palette by finding the nearest color match.  Type: Effect   Released: 01 Feb 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsCustomPaletteMatch.dll   Menu: Effects &gt; Color</p>
	<p>TR's Custom Shape Filler  Author: TechnoRobbo  Topic: 30002</p>	<p>Fills the layer or selection with multiple copies of a specified png in varying sizes and rotation.  Type: Effect   Released: 18 Sep 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsCustomRandomFill.dll   Menu: Effects &gt; Render</p>
	<p>TR's Displacement Map  Author: TechnoRobbo  Topic: 26553</p>	<p>Enlargement/distortion effect. v2.1+ released by Toe_Head 20 Sep 2019 (bug fixes &amp; performance).  Type: Effect   Released: 06 Aug 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: DispMap.dll   Menu: Effects &gt; Distort</p>
Deprecated	<p>TR's Distort This!  Author: TechnoRobbo  Topic: 26672</p>	<p>Replaced by Distort This! v2.8 by toe_head2001.  Type: Effect   Released: 27 Jun 2013   Status: Deprecated   Compatibility: 3.5.x, 4.0x  DLL Name: DistortThis.dll   Menu: Effects &gt; Distort</p>
	<p>TR's Dodge and Burn  Author: TechnoRobbo  Topic: 32126</p>	<p>A photo retouching tool which allows the application of effects via custom brushes. Effects included: Dodge, Burn, blur, sharpen, saturate, desaturate, contrast, rotate hue, color blend &amp; luminosity. Many other photography type options.  Type: Effect   Released: 08 Oct 2015   Status: Active   Compatibility: 4.0+  DLL Name: TRsDodgeBurn.dll   Menu: Effects &gt; Photo</p>
	<p>TR's DoodleMatic  Author: TechnoRobbo  Topic: 27154</p>	<p>Edge detection effect which turns artwork into a pencil type sketch.  Type: Effect   Released: 27 Sep 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsDoodleMatic.dll   Menu: Effects &gt; Artistic</p>
	<p>TR's DrumSkin  Author: TechnoRobbo  Topic: 28103</p>	<p>Re-maps rectangular images to circular.  Type: Effect   Released: 25 Mar 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsDrumSkin.dll   Menu: Effects &gt; Distort</p>
	<p>TR's Edge Fader Extreme  Author: TechnoRobbo  Topic: 26479</p>	<p>Fade the hard edge of an object. Like feathering, only stronger. Now called TR's EFX and located in the Object menu.  Type: Effect   Released: 27 May 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EdgeFader.dll   Menu: Effects &gt; Object</p>
	<p>TR's Export Selection  Author: TechnoRobbo  Topic: 29969</p>	<p>Exports any selection from the active layer (including irregular shaped selections). Exports to the PNG format.  Type: Effect   Released: 09 Jun 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsExportSelection.dll   Menu: Effects &gt; Selection</p>
	<p>TR's Filaments  Author: TechnoRobbo  Topic: 31501</p>	<p>A simulation of time lapse of writing with light. You place the nodes and the plugin draws fine filaments in a continuous curve through all the nodes. Many options to control filaments and colors.  Type: Effect   Released: 02 Aug 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsFilaments.dll   Menu: Effects &gt; Iterative Lines</p>
	<p>TR's Film Stock  Author: TechnoRobbo  Topic: 26933</p>	<p>Mimics photographic film speed (ISO) by reinterpreting the contrast in an image without losing the dynamic range.  Type: Effect   Released: 14 Aug 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsFilmStock.dll   Menu: Effects &gt; Photo</p>

<p>TR's FilmStrip  Author: TechnoRobbo  Topic: 29718</p>	<p>Creates a proof sheet style image from a series of video grabs. Number of columns in the finished compilation is configurable. Note that the two support files are essential.  Type: Effect   Released: 17 Aug 2014   Status: Active   Compatibility: 4.0+  DLL Name: TRsFilmStripPgl.dll, AxInterop.WMPLib.dll and Interop.WMPLib.dll   Menu: Effects &gt; Photo</p>
<p>TR's FireWorks  Author: TechnoRobbo  Topic: 27671</p>	<p>Create star bursts and skyrocket type explosions.  Type: Effect   Released: 31 Dec 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsFireWorks.dll   Menu: Effects &gt; Render</p>
<p>TR's FreeWarp  Author: TechnoRobbo  Topic: 27316</p>	<p>Distortion tool which reshapes an image by stretching it's detail.  Type: Effect   Released: 11 May 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsFreeWarp.dll   Menu: Effects &gt; Distort</p>
<p>TR's Fuego  Author: TechnoRobbo  Topic: 27716</p>	<p>A parametric fire simulator (creates realistic flames for the Pyrochild in all of us).  Type: Effect   Released: 01 Dec 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsFuego.dll   Menu: Effects &gt; Render</p>
<p>TR's Glass Vignette  Author: TechnoRobbo  Topic: 28355</p>	<p>A Refraction-like distortion with an un-distorted center. In other words - it distorts the image as if it were viewed through curved glass. Shiny!  Type: Effect   Released: 05 Jun 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsGlassVignette.dll   Menu: Effects &gt; Distort</p>
<p>TR's Halftone  Author: TechnoRobbo  Topic: 26731</p>	<p>Simulate Halftone printing (technique used in newspapers and magazines) by interpreting color depth as a Dot or Square.  Type: Effect   Released: 07 Aug 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsHalfTone.dll   Menu: Effects &gt; Stylize</p>
<p>TR's HDR-ish  Author: TechnoRobbo  Topic: 28106</p>	<p>Mimics HDR style images by smoothing out the transitions between light and dark, making a dull picture less dull  Type: Effect   Released: 27 Mar 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsHDRish.dll   Menu: Effects &gt; Color</p>
<p>TR's Intense Filtration  Author: TechnoRobbo  Topic: 30148</p>	<p>Color filter and color augmenter, with options to set the hue, gain, intensity and also to fade in the changes.  Type: Effect   Released: 10 Apr 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsIntenseFiltration.dll   Menu: Effects &gt; Color</p>
<p>TR's Intensity Warp  Author: TechnoRobbo  Topic: 29804</p>	<p>Re-map pixels within an image by the intensity. Supports textures, gradients and custom textures. Some very nice metallic sheens are possible.  Type: Effect   Released: 25 Aug 2014   Status: Active   Compatibility: 4.0+  DLL Name: TRsIntensityWarp.dll   Menu: Effects &gt; Distort</p>
<p>TR's iPollock  Author: TechnoRobbo  Topic: 31585</p>	<p>Abstract art generator inspired by the works of Jackson Pollock (think: paint drips, dribbles and splashes).  Type: Effect   Released: 03 Jan 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsIPollock.dll   Menu: Effects &gt; Iterative Lines</p>
<p>TR's Kaboom  Author: TechnoRobbo  Topic: 27691</p>	<p>Scatter or disperse an image outward from a central point using alpha transparency. Similar to a 360 degree version of Scatter.  Type: Effect   Released: 01 Jun 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsKaboom.dll   Menu: Effects &gt; Noise</p>

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TR's KeyFrame Author: TechnoRobbo Topic: 32090	An animation tool. Create a path for an object then generate frames to animate the image as if it were moving along the path. Type: Effect   Released: 08 Mar 2015   Status: Active   Compatibility: 4.0+ DLL Name: TRsKeyFrame.dll   Menu: Effects > Object
TR's KlumpNoiz Author: TechnoRobbo Topic: 28165	Groups generated 'noise' together in clumps to create colorful, vaguely fractal patterns. Type: Effect   Released: 04 Jun 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: KlumpNoiz.dll   Menu: Effects > Noise
TR's Monolithic (3D Text Generator) Author: TechnoRobbo Topic: 108312	Creates monolithic (slab-like) text using an installed font as a base. Think word-art for paint.net. Many options include a range of color options, lighting, pitch, yaw and roll, size, zoom, etc... Bug fix release for PDN 4.1.x by toe_head2001 Type: Effect   Released: 27 Apr 2016   Status: Active   Compatibility: 4.0+ DLL Name: TRsMonolithic.dll   Menu: Effects > Text Formations
TR's Morpher Author: TechnoRobbo Topic: 107499	Morph one image into another using a control grid to define 'like' areas. Once defined, generates the between images. Also creates warps (self morphs). Outputs a number of successively numbered images for animating. Type: Effect   Released: 23 Feb 2016   Status: Active   Compatibility: 4.0+ DLL Name: TRsMorpher.dll   Menu: Effects > Render
TR's PanoPDN Panoramic Viewer Author: TechnoRobbo Topic: 28097	Converts equirectangular images (think: spherical images or spherical projections) into a texture map and renders them in direct3d. Type: Effect   Released: 23 Mar 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsPanoPDN.dll & TRPANOVIEW.exe   Menu: Effects > Photo
TR's Paste Frame Author: TechnoRobbo Topic: 30192	Custom frame maker which uses a clipboard image to create a frame. Type: Effect   Released: 20 Oct 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsPasteFrame.dll   Menu: Effects > Selection
TR's Paste Warp Author: TechnoRobbo Topic: 28298	Warps an image contained in the clipboard to fill any active selection. Type: Effect   Released: 27 Apr 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsPasteWarp.dll   Menu: Effects > Selection
TR's Pixel Puller Author: TechnoRobbo Topic: 27046	Pull the image around to emphasize or de-emphasize perspective. Companion plugin to TR's Pixel Pusher. Type: Effect   Released: 09 Mar 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsPixelPuller.dll   Menu: Effects > Distort
TR's Pixel Pusher Author: TechnoRobbo Topic: 26836	Distort images via stretching and squashing in a manner mimicking a fairground mirror. Type: Effect   Released: 26 Jul 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TR's Pixel Push.dll   Menu: Effects > Distort
TR's Pixel Sharpener Author: TechnoRobbo Topic: 26783	Sharpen photos by emphasising detail and adding noise type texture. Type: Effect   Released: 16 Jul 2013   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsPixelSharp.dll   Menu: Effects > Photo
TR's Plasmatix Author: TechnoRobbo Topic: 28238	Recreate the 80's with this old fashioned Plasma Effect. Cool man, cool. Type: Effect   Released: 18 Apr 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: TRsPlasmatix.dll   Menu: Effects > Render

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<p>TR's Portrait Retoucher  Author: TechnoRobbo  Topic: 32063</p>	<p>Reduce photo blemishes, wrinkles and lines by smoothing out the subject.  Type: Effect   Released: 26 Jul 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsRetouch.dll   Menu: Effects &gt; Photo</p>
<p>TR's PseudoSnap  Author: TechnoRobbo  Topic: 27636</p>	<p>Align an object (must be on a transparent layer) within a configurable grid. In other words it makes the object snap-to-grid  Type: Effect   Released: 22 Dec 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsPSnap.dll   Menu: Effects &gt; Object</p>
<p>TR's Quick Outliner  Author: TechnoRobbo  Topic: 32181</p>	<p>Outline and/or fill a selection with colors from the color wheels. Outline thickness and softness options.  Type: Effect   Released: 21 Aug 2015   Status: Active   Compatibility: 4.0+  DLL Name: TRsQuickOutline.dll   Menu: Effects &gt; Selection</p>
<p>TR's Radial Extruder  Author: TechnoRobbo  Topic: 31779</p>	<p>Takes the base image and repeats it in radial slices emanating from a common center point. Think of a circular cake that has been sliced from the center many times. Source available.  Type: Effect   Released: 05 Jun 2015   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsRadialExtruder.dll   Menu: Effects &gt; Distort</p>
<p>TR's Reverse Fisheye  Author: TechnoRobbo  Topic: 27814</p>	<p>Removes or reduces fisheye distortion to reproduce the original panoramic image. Options to use different algorithms, Linear or Circular.  Type: Effect   Released: 02 Mar 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ReverseFisheye.dll   Menu: Effects &gt; Distort</p>
<p>TR's Scatter  Author: TechnoRobbo  Topic: 26685</p>	<p>Neat effect which simulates the image being eroded into individual pixels by a strong wind.  Type: Effect   Released: 30 Jun 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRs Scatter.dll   Menu: Effects &gt; Noise</p>
<p>TR's SelfEeZ  Author: TechnoRobbo  Topic: 28483</p>	<p>Captures an image directly from a webcam and imports it into the current layer.  Type: Effect   Released: 25 May 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsSelfeez.dll   Menu: Effects &gt; Photo</p>
<p>TR's Smudger  Author: TechnoRobbo  Topic: 27034</p>	<p>Smudge, smear and blend colors in the layer. Requires that you hold the CTRL key to smudge.  Type: Effect   Released: 31 Aug 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsSmudger.dll   Menu: Effects &gt; Distort</p>
<p>TR's Snow Flake Maker  Author: TechnoRobbo  Topic: 30438</p>	<p>Generates iterative fractal-like snow flakes.  Type: Effect   Released: 17 Dec 2014   Status: Active   Compatibility: 4.0+  DLL Name: TRsSnowFlakeMaker.dll   Menu: Effects &gt; Render</p>
<p>TR's SphereCuber  Author: TechnoRobbo  Topic: 28104</p>	<p>Converts a Spherical View image into a cube-map of six files representing Up, Down, Left, Right, Front &amp; Back views.  Type: Effect   Released: 26 Mar 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsSphereCuber.dll   Menu: Effects &gt; Photo</p>
<p>TR's SplineMaster  Author: TechnoRobbo  Topic: 27512</p>	<p>Draw free-form Splines (complex curves through positioning nodes). Draw on an existing image, an empty layer or using an image as a guide. Numerous line types and end cap styles. Later release adds the ability to load, save and edit splines.  Type: Effect   Released: 25 Nov 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsSplineMaster.dll   Menu: Effects &gt; Render</p>
<p>TR's Star Filter  Author: TechnoRobbo  Topic: 26695</p>	<p>Adds sparkle or glitter to image highlights. Similar to MadJik's Star Glow  Type: Effect   Released: 07 Jan 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsStarFilter.dll   Menu: Effects &gt; Photo</p>

<p>TR's Str8Edge Tool  Author: TechnoRobbo  Topic: 26892</p>	<p>Smoothes out jagged edges on a Cut-Out.  Type: Effect   Released: 08 May 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsStr8Edge.dll   Menu: Effects &gt; Object</p>
<p>TR's Strange Attractors  Author: TechnoRobbo  Topic: 28512</p>	<p>A fractal generator which uses chaos theory to pump out the fractals known as Strange Attractors - think: wavy line patterns.  Type: Effect   Released: 31 May 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsStrangeAttractor.dll   Menu: Effects &gt; Render</p>
<p>TR's Strobe Motion  Author: TechnoRobbo  Topic: 26879</p>	<p>Simulates a stop-motion effect as if continuous motion was captured in a series of images as illuminated by a strobe light.  Type: Effect   Released: 08 Jan 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsStrobeMotion.dll   Menu: Effects &gt; Render</p>
<p>TR's Tesla Coil  Author: TechnoRobbo  Topic: 26719</p>	<p>Simulates an electrical arc with configurable start and end points, thickness, intensity and more.  Type: Effect   Released: 07 Jul 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsTeslaCoil.dll   Menu: Effects &gt; Render</p>
<p>TR's Third Dimension  Author: TechnoRobbo  Topic: 30188</p>	<p>Turn 2D Images into 3D Images and Terrains where brightness becomes the apparent height (the Third Dimension).  Type: Effect   Released: 16 Oct 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsThirdDimension.dll   Menu: Effects &gt; Render</p>
<p>TR's Tiled Pixels  Author: TechnoRobbo  Topic: 26758</p>	<p>Pixelate an image or selection and simultaneously apply a shape to the enlarged pixels.  Type: Effect   Released: 07 Dec 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsTiledPixels.dll   Menu: Effects &gt; Stylize</p>
<p>TR's Tilt Shift  Author: TechnoRobbo  Topic: 26846</p>	<p>A directional gradient blur tool designed to easily achieve an apparent change in the field of view.  Type: Effect   Released: 28 Jul 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsTiltShift.dll   Menu: Effects &gt; Blurs</p>
<p>TR's TreeMaker  Author: TechnoRobbo  Topic: 28752</p>	<p>Creates a variety of organic, tree-like branching patterns with realistic leaves.  Type: Effect   Released: 23 Jun 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsTreeMaker.dll   Menu: Effects &gt; Iterative Lines</p>
<p>TR's ZigZag  Author: TechnoRobbo  Topic: 26686</p>	<p>Apply waves, ripples, zigzags and vibrato type distortions.  Type: Effect   Released: 30 Jun 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TRsZigZag.dll   Menu: Effects &gt; Distort</p>
<p>Trace  Author: Xhin  Topic: 115132</p>	<p>Trace works like Ink Sketch (and similar plugins) with reduced number of artifacts and fine-tuning options.  Type: Effect   Released: 17 Sep 2019   Status: Active   Compatibility: 4.2+  DLL Name: Trace.dll   Menu: Effects &gt; Artistic</p>
<p>Trail  Author: pyrochild  Topic: 18653</p>	<p>Echos' an object on an otherwise transparent layer, so that it appears to have a 'trail'. Found in Pyrochild's Plugins  Type: Effect   Released: 16 Apr 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Trail.dll   Menu: Effects &gt; Object</p>
<p>Trail 3d  Author: n d  Topic: 19870</p>	<p>Creates a shaped gradient 'trail' from the object towards a configurable destination point. Gradient color is editable.  Type: Effect   Released: 09 Aug 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: trail3d.dll   Menu: Effects &gt; Object</p>

	<p>Trail Blur  Author: MJW  Topic: 112835</p>	<p>Create a straight or curved blurred trail. Similar to Motion Blur with additional curve and fade out options.  Type: Effect   Released: 26 May 2018   Status: Active   Compatibility: 4.0+  DLL Name: Trail Blur.dll   Menu: Effects &gt; Blurs</p>
Unsupported	<p>TransitionalBrush  Author: Simon Brown  Topic: 10672</p>	<p>Allows users to select two colours and have a brush that gradually changes colour between them. Found in Simon Brown's Legacy Plugin Pack.  Type: Effect   Released: 07 Jul 2008   Status: Unsupported   Compatibility: 3.5.x  DLL Name: Transitional Brush.dll   Menu: Effects &gt; Tools</p>
	<p>Transparency Adjustment Effect  Author: BoltBait  Topic: 2800</p>	<p>Adjust the opacity of a selection independent of the entire layer. Found in BoltBait's Plugin Pack  Type: Adjustment   Released: 29 Jan 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Transparency.dll   Menu: Adjustments &gt;</p>
	<p>Transparency RGB  Author: ReMake  Topic: 116340</p>	<p>Change the color transparency separately in the R, G, and B channels.  Type: Adjustment   Released: 05 Jan 2020   Status: Active   Compatibility: 4.2+  DLL Name: TransparencyRGB.dll   Menu: Adjustments &gt;</p>
	<p>Transparent to Transparent Black  Author: MJW  Topic: 111800</p>	<p>Changes all pixels with an Alpha value of zero to transparent black (RGBA 0, 0, 0, 0 or #00000000).  Type: Adjustment   Released: 28 Sep 2017   Status: Active   Compatibility: 4.0+  DLL Name: TransparentToTransparentBlack.dll   Menu: Adjustments &gt;</p>
	<p>Transparent to Transparent White  Author: MJW  Topic: 113725</p>	<p>Converts all transparent pixels to transparent white.  Type: Adjustment   Released: 25 Jan 2019   Status: Active   Compatibility: 4.1+  DLL Name: TransparentToTransparentWhite.dll   Menu: Adjustments &gt;</p>
	<p>TreeGen  Author: MadJik  Topic: 7186</p>	<p>Generates tree-type trunks and branches. For a more realistic effect, see the GenTree effect. Found in Magical Plugins Megapack.  Type: Effect   Released: 06 Aug 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TreeGen.dll   Menu: Effects &gt; Render</p>
	<p>Triangular Gradient  Author: Enormator  Topic: 18395</p>	<p>Makes a triangular gradient in selection (or on the full image when nothing is selected) from primary to secondary color (including alpha).  Type: Effect   Released: 23 Mar 2010   Status: Active   Compatibility: 3.5.x  DLL Name: TriangularGradient.dll   Menu: Effects &gt; Render</p>
	<p>Trippy Rainbow  Author: pavlik1307  Topic: 112678</p>	<p>Converts pixel brightness to a shade on a rainbow spectrum. The effect is much like the color cycling when adjusting only the Hue slider in Hue/Saturation  Type: Effect   Released: 04 Nov 2018   Status: Active   Compatibility: 4.0+  DLL Name: TrippyRainbow.dll   Menu: Effects &gt; Color</p>
	<p>True Blur  Author: Ed Harvey  Topic: 18811</p>	<p>Subtle blurring effect which allows much finer control than other blurs. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects.  Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Blurs</p>
	<p>Truncate Resolution  Author: Joshua Lamusga  Topic: 29791</p>	<p>Simulates resolution loss by taking the values of each color channel (and optionally the transparency channel) and snapping them to multiples of the given number. An image with 8 as a number converts each color channel value to a multiple of 8.  Type: Effect   Released: 22 Aug 2014   Status: Active   Compatibility: 4.0+  DLL Name: Truncate_resolution.dll   Menu: Effects &gt; Stylize</p>



<p>Tube Effect (aka tube oblique?)  Author: MadJik  Topic: 3491</p>	<p>Distort an image as if you wrapped it around a cylinder. Found in Magical Plugins Megapack.  Type: Effect   Released: 04 May 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TubeOblique.dll   Menu: Effects &gt; Distort</p>
<p>Turbulent.Effects  Author: Martin Osieka  Topic: 25576</p>	<p>Two plugins to render lines and circles combined with turbulence. Turbulent Circles: Renders concentric circles ranging from smooth to wavy (creates textures like smoke rings, lava, flower petals, etc...). Turbulent Lines: Render lines combined with turbulence with results ranging from smooth lines to chaotic waves (creates textures like waves, horizons, marble, wood grain, smoke, etc...).  Type: Effect   Released: 11 Sep 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TurbulentLines.dll &amp; TurbulentCircles.dll   Menu: Effects &gt; Render</p>
<p>Twainable  Author:  NisseBosseLasse  Topic: 15384</p>	<p>Add TWAIN support for scanners. Should be compatible with all scanners that are TWAIN compliant. Place both Twainable.dll and EZTW32.dll in the /Effects/ folder.  Type: Effect   Released: 07 Nov 2009   Status: Active   Compatibility: Untested  DLL Name: Twainable.dll and EZTW32.dll   Menu: Effects &gt; Tools</p>
<p>Twainable+  Author: null54  Topic: 28153</p>	<p>Allows paint.net to use 32-bit TWAIN drivers on a 64-bit OS. Place both files in the /Effects/ folder.  Type: Effect   Released: 04 Apr 2014   Status: Active   Compatibility: Untested  DLL Name: TwainProxy.exe &amp; TwainablePlus.dll   Menu: Effects &gt; Tools</p>
<p>Tweak edges  Author: Red Ochre  Topic: 22500</p>	<p>Detects abrupt changes in tone and produces outlines from these tonal changes.  Type: Effect   Released: 25 Aug 2011   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Tweakedges.dll   Menu: Effects &gt; Artistic</p>
<p>Tweak Transparency  Author: Red Ochre  Topic: 21990</p>	<p>Thicken outlines, set transparency minima &amp; maxima, bevels &amp; shadow/halo effects  Type: Effect   Released: 27 Jun 2011   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Tweaktrans2.dll   Menu: Effects &gt; Transparency</p>
<p>Twist  Author: pyrochild  Topic: 18655</p>	<p>Twist a portion of an image. Configurable size &amp; many other parameters. Found in Pyrochild's Plugins  Type: Effect   Released: 16 Apr 2010   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Twist.dll   Menu: Effects &gt; Tools</p>
<p>TwistZ  Author: MadJik  Topic: 6189</p>	<p>Transform an image by applying a spiral twist. Found in Magical Plugins Megapack.  Type: Effect   Released: 26 Sep 2007   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TwistZ.dll   Menu: Effects &gt; Distort</p>
<p>Two Tone Threshold  Author: Red Ochre  Topic: 29450</p>	<p>Assesses the tones in an image and apportions two colours between the thresholds.  Type: Adjustment   Released: 30 Jul 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: TwoToneThreshold.dll   Menu: Adjustments &gt;</p>
<p>Two-point Perspective  Author: toe_head2001  Topic: 84519</p>	<p>Generates a Rectangular Cuboid and shows it using two-point (vanishing point) projection  Type: Effect   Released: 12 Jun 2015   Status: Active   Compatibility: 4.0+  DLL Name: TwoPointPerspective.dll   Menu: Effects &gt; Render</p>
<p>UnAlpha  Author: doverdemon77  Topic: 27284</p>	<p>Highlight fully or partially transparent pixels with the Primary Color, or replace them with different Alpha values.  Type: Effect   Released: 28 Oct 2013   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: UnAlpha-v01.dll   Menu: Effects &gt; Color</p>

	<p>Unblend  Author: ArgusMagnus  Topic: 32165</p>	<p>Reverses 'Normal' blending using a selection and a specified color (Primary, Average or Dominant color) to create a new image. Each pixel has the minimum Alpha value which recreates the original image under 'normal' blending with the specified color.  Type: Effect   Released: 18 Aug 2015   Status: Active   Compatibility: 4.1+  DLL Name: ArgusPDN.Unblend.dll   Menu: Effects &gt; Color</p>
	<p>Unblend  Author: Legorol  Topic: 28014</p>	<p>Removes a chosen color from the image and replaces it with transparency. In other words, it performs the reverse of a normal blend operation with the chosen color.  Type: Effect   Released: 03 May 2014   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Unblend.dll   Menu: Effects &gt;</p>
	<p>Unselected Rectangle Keeper  Author: MJW  Topic: 110593</p>	<p>Erases the background surrounding an unselected region, but keeps the rectangular area which minimally bounds the unselected area. NB: no user interface. 3.5.11 version supplied by Maximilian (found in the third post of the thread).  Type: Effect   Released: 17 Nov 2016   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: UnselectedRectangleKeeper.dll   Menu: Effects &gt; Selection</p>
	<p>Unsharp Mask  Author: romein  Topic: 8415</p>	<p>Incompatible with 4.0x. Corrects blurring introduced during photographing, scanning, resampling, or printing.  Type: Effect   Released: 22 Feb 2008   Status: Active   Compatibility: 3.5.x  DLL Name: UnsharpMask.dll   Menu: Effects &gt; Photo</p>
	<p>Upload to... V2.0  Author: Simon Brown  Topic: 13242</p>	<p>Upload images direct to the internet from within paint.net. Requires resource file SBCommon.dll to reside in the Effects directory. Found in Simon Brown's Legacy Plugin Pack.  Type: Effect   Released: 23 Dec 2008   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: ImageShackUpload.dll, ImageShackUpload.pdb &amp; SBCommon.dll   Menu: Effects &gt; Tools</p>
	<p>Vanishing point  Author: Red Ochre  Topic: 110637</p>	<p>Renders a pair of triangles as an optical aid to determining the vanishing point in a composition.  Type: Effect   Released: 29 Nov 2016   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: VanishPoint.dll   Menu: Effects &gt; Composition</p>
	<p>Vanishing Trails  Author: MJW  Topic: 116830</p>	<p>Vanishing Trails is similar to pyrochild's classic Trail plugin, but adds a perspective option.  Type: Effect   Released: 29 Jul 2020   Status: Active   Compatibility: 4.2+  DLL Name: Vanishing Trails.dll   Menu: Effects &gt; Object</p>
Filetype	<p>Vantage Preview Images (.VBP)  Author: mchansy  Topic: 14711</p>	<p>Support for Vantage Sat Receiver Preview Images.  Type: Filetype   Released: 05 Apr 2009   Status: Active   Compatibility: Untested  DLL Name: VbpFileType.dll   Menu: N/A</p>
	<p>Varicose  Author: jchunn  Topic: 8179</p>	<p>Wibbly line creator. Found in Jesse Chunn Plugin Pack.  Type: Effect   Released: 02 Aug 2008   Status: Active   Compatibility: 3.5.x  DLL Name: jchunn.dll (also contains others)   Menu: Effects &gt; Render</p>
	<p>Varicose 2  Author: MadJik  Topic: 112488</p>	<p>Create wibbly lines with this updated version of Jchunn's original Varicose plugin. More options and language support. Found in Magical Plugins Megapack.  Type: Effect   Released: 21 Feb 2018   Status: Active   Compatibility: 4.0+  DLL Name: Varicose2.dll   Menu: Effects &gt; Stylize</p>
	<p>Vibration  Author: AhmedElyamani  Topic: 25275</p>	<p>Blurs then color bands an image. The result is somewhat similar to the appearance of oil on water. Found in Ahmed's Plugin Pack  Type: Effect   Released: 09 Mar 2012   Status: Active   Compatibility: 3.5.x, 4.0x  DLL Name: Vibration.dll   Menu: Effects &gt; Distort</p>

	Vibrato Author: MadJik Topic: 3691	Generates colored moire rings within the colored parts of an image. Found in Magical Plugins Megapack. Type: Effect   Released: 19 Apr 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Vibrato.dll   Menu: Effects > Texture
	View Framer Author: MJW Topic: 110218	Overlays a frame/guidelines to serve as a guides to further editing. Note: should be applied to a blank layer above the target image. Type: Effect   Released: 19 Aug 2016   Status: Active   Compatibility: 4.0+ DLL Name: ViewFramer.dll   Menu: Effects > Render
	Vignette Author: Ed Harvey Topic: 18811	Apply a black vignette to the image. Size, shape and strength are all configurable. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll & EdHarvey.Effects.pdb   Menu: Effects > Photo
	Vignette+ Author: BoltBait Topic: 28500	Enhanced vignette plugin. Adds a black, white or colored vignette. Softer than the built in effect. Type: Effect   Released: 29 May 2014   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: VignettePlus.dll   Menu: Effects > Photo
	Vignette1 Author: sradforth Topic: 17732	Easy vignette creator. Options include power (strength of effect), X and Y axis configuration and transparency/coloring. Found in Stu's Effects. Type: Effect   Released: 01 Dec 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Vignette1.dll   Menu: Effects > Artistic
Obsolete	Vignetting Filter Author: alexb Topic: 20012	Radial Vignetting Photo Filter. Due to the similarity to Ed Harvey's Vignette plugin, this plugin has been flagged obsolete and the thread removed from the forum. Type: Effect   Released: 29 Sep 2010   Status: Obsolete   Compatibility: Untested DLL Name: Unknown   Menu: Unknown
	Vitrious Author: Ed Harvey Topic: 18811	Expand or contract a range of colors by specifying the Hue and Amount of change. Think of this as a subtle recoloring effect. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll & EdHarvey.Effects.pdb   Menu: Effects > Color
	Volutes Author: MadJik Topic: 14478	Draws random curves. The curve is pre-calculated and then resized to fit in the image, so start and end points are at random positions. Found in Magical Plugins Megapack. Type: Effect   Released: 04 Oct 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Volutes.dll   Menu: Effects > Render
Filetype	VTF Plug-In (1.0.4) Author: Nem Topic: 3254	VTF file support. File format used by the Source engine (Half-Life 2 etc.). Type: Filetype   Released: 03 Nov 2007   Status: Active   Compatibility: Untested DLL Name: VtfFileType.dll and one of VTFLib.x64.dll or VTFLib.x86.dll   Menu: N/A
	Water Reflection Author: MadJik Topic: 2482	Render a reflection as if your image was reflected in water. Found in Magical Plugins Megapack. Type: Effect   Released: 23 Dec 2006   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: WaterReflection.dll   Menu: Effects > Distort
	Wave Text v1.0 Author: dpy Topic: 16634	Writes a string of text along a sine curve. The dll named WaveTextSUI.dll has a shorter UI. Use this version if your display is 1024x768 or less. Otherwise use WaveText.dll. Both found in dpy's Pack Type: Effect   Released: 25 Oct 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: WaveText.dll or WaveTextSUI.dll   Menu: Effects > Text Formations

	Wavelet Haar 2-tap Author: hindol Topic: 21212	Performs a Haar 2-tap transformation of an image (quarters the image size makes three duplicates, performing different edge detection algorithms on each). Type: Effect   Released: 03 Jul 2011   Status: Active   Compatibility: 3.5.x DLL Name: HaarTransform.dll   Menu: Effects > Fun
	Waves Author: MadJik Topic: 3625	Wave distortion effect. Found in Magical Plugins Megapack. Type: Effect   Released: 14 Apr 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Waves.dll   Menu: Effects > Distort
	Weave Author: Ed Harvey Topic: 18811	Distort the image as if it was cut into strips and woven back together. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll & EdHarvey.Effects.pdb   Menu: Effects > Render
Bundled	WebP Filetype Author: null54 Topic: 21773	Load and save Google's WebP filetype. To install place all three dlls from the download in the FileTypes folder. NOTE: This plugin is bundled with Paint.NET 4.2.5 and later. Type: Filetype   Released: 26 Mar 2011   Status: Bundled   Compatibility: 3.5.x DLL Name: WebPFiletype.dll and one of WebP_x86.dll or WebP_x64.dll   Menu: N/A
	Wet Floor Reflection Author: MadJik Topic: 7185	Renders a reflection of an object as if it was standing on a wet floor. Found in Magical Plugins Megapack. Type: Effect   Released: 12 Oct 2007   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: WetFloor.dll   Menu: Effects > Distort
	What's It? Author: Martin Osieka Topic: 31715	Identify files by looking for a specific signature in the file content. Can correct improperly assigned extensions. Type: Effect   Released: 04 Dec 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: WhatIsIt.Effect.dll & WhatIsIt.Effect.dlc   Menu: Effects > Tools
	WhichSymbol / WhichSymbolPlus Author: Ego Eram Reputo Topic: 10684	Character & symbol browser/writer for installed fonts. Character is rendered using the Primary color. Found in EER's Plugin Pack. Type: Effect   Released: 07 Jul 2008   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: WhichSymbolRedux.dll   Menu: Effects > Render
	White Balance Author: Ed Harvey Topic: 18811	Subtle recoloring effects. Specify Hue and Amount (strength) of the retinting. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll & EdHarvey.Effects.pdb   Menu: Effects > Color
	Whitepoint Correction Author: Lord Crc Topic: 24041	Color correction, based off of a neutral point in the image. Type: Adjustment   Released: 31 Jan 2012   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: Whitepoint.dll   Menu: Adjustments >
Filetype	Windows Imaging Component (WIC) Author: Rene Slijkhuis Topic: 111550	Adds reading support for all image formats supported by the Windows Imaging Component (WIC) codecs on your computer. Type: Filetype   Released: 15 Jul 2017   Status: Active   Compatibility: 4.0+ DLL Name: WicDecoder.dll   Menu: N/A
Filetype	Windows Metafile FileType Author: Martin Osieka Topic: 31562	Imports Windows metafiles and renders them to paint.net bitmap layers. Supported types are WMF, EMF, EMF+, and the compressed variants WMZ and EMZ. There is a very basic implementation of export to EMF. Type: Filetype   Released: 23 Feb 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ImEMF,WMF.FileType.dll, *.dlc, OptionBasedLibrary vX.X.dll & *.dlc   Menu: N/A

Filetype	<p>WMF (Windows Metafile) Author: Bruce Bowyer-Smyth Topic: 17950</p>	<p>Opens WMF files as a raster image. NOTE: OPENS FILES ONLY - will not save the *.WMF format. To install place all three DLL files in the /Filetypes/ folder. Type: Filetype   Released: 02 Mar 2010   Status: Active   Compatibility: Untested DLL Name: WMFFileType.dll, WMF2WPF.dll &amp; WPFGLI.dll   Menu: N/A</p>
	<p>Wobble Author: Ed Harvey Topic: 18811</p>	<p>Applies a ripple distortion across the image surface. Wavelet size, shape and magnitude are all configurable. Similar to Ripple. Found in Ed Harvey Effectsv3.5. DLL contains numerous effects. Type: Effect   Released: 05 Mar 2010   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: EdHarvey.Effects.dll &amp; EdHarvey.Effects.pdb   Menu: Effects &gt; Distort</p>
	<p>Woven Photo Author: Ego Eram Reputo Topic: 111916</p>	<p>Overlays edging and shadowing to make the source image look like it has been woven out of narrow strips. Type: Effect   Released: 23 Oct 2017   Status: Active   Compatibility: 4.0+ DLL Name: WovenPhoto94.dll   Menu: Effects &gt; Texture</p>
Filetype	<p>WSQ file type Author: odalet Topic: 26657</p>	<p>Load and save WSQ files. The WSQ (Wavelet Scalar Quantization) algorithm is a compression algorithm used for gray-scale fingerprint images. Developed by the FBI. Type: Filetype   Released: 26 Jun 2013   Status: Active   Compatibility: 3.5.x DLL Name: Delta.Wsq.dll, PdnWsq.dll and one of nbis32.dll or nbis64.dll   Menu: N/A</p>
	<p>X Rainbow bars Author: person_321 Topic: 16094</p>	<p>Renders horizontal bars of rainbow hues. Found in Person_321's Texture &amp; Color Plugins Type: Effect   Released: 02 Jul 2009   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: X Rainbow bars.dll   Menu: Effects &gt; Render</p>
New	<p>xBRZ Upscaling PNG Filetype Author: Intrepidis Topic: 117672</p>	<p>The xBRZ upscaling routine is primarily designed to increase the resolution of pixel art. Used it to increase the resolution of an image while saving it as a *.PNG. NOTE: Transparency is treated as black. Source code available. Type: Filetype   Released: 17 Jan 2021   Status: New   Compatibility: 4.2+ DLL Name: Resize_xBRZ.dll &amp; xBRZNet.dll   Menu: N/A</p>
Filetype	<p>XCF filetype Author: Martin Osieka Topic: 23650</p>	<p>Load and save images in GIMP native file format XCF (and its packed variants XCFGZ and XCFBZ2). To install, copy the two files into the /FileTypes/ folder. Type: Filetype   Released: 01 May 2012   Status: Active   Compatibility: Untested DLL Name: ImXCF.FileType.dll and ImXCF.Command.exe (required)   Menu: N/A</p>
Filetype	<p>XNB format Author: r2d2rigo Topic: 21981</p>	<p>Loads XNA 4 uncompressed Texture2D &amp; XNBs compiled for Windows or Windows Phone. No save option. To install, copy all four DLL files to the /FileTypes/ folder. Type: Filetype   Released: 25 Jun 2011   Status: Active   Compatibility: Untested DLL Name: PdnXnb.dll, squish.dll, squish64.dll and ManagedSquish.dll   Menu: N/A</p>
Filetype	<p>XPM File Type plugin Author: naylorjs Topic: 14512</p>	<p>XPM support in paint.net. Note: doesn't handle every XPM option. Type: Filetype   Released: 04 Dec 2009   Status: Active   Compatibility: Untested DLL Name: XPMFileType.dll   Menu: N/A</p>
	<p>XY Coords Author: MadJik Topic: 111783</p>	<p>Originally a tool created to find out how a picture is distorted/transformed by over effects (useful with Shape 3D). The effect renders regularly spaced X,Y coordinate pairs to the canvas. Found in Magical Plugins Megapack Type: Effect   Released: 23 Sep 2017   Status: Active   Compatibility: 4.0+ DLL Name: XYCoords.dll   Menu: Effects &gt; Texture</p>
	<p>Zigzag ray (aka eShape_umabob) Author: myxlpplx Topic: 3852</p>	<p>Creates shapes/lines using scales. Appears in Effects menu as 'eShape_umabob' for some strange reason. Type: Effect   Released: 05 Feb 2007   Status: Active   Compatibility: 3.5.x DLL Name: Shape_umabob.dll   Menu: Effects &gt;</p>

Filetype	ZIP Archive FileType Author: Martin Osieka Topic: 31996	Loads/saves the contents of a paint.net document (layers and metadata) from/to a compressed ZIP Archive. Each layer becomes a separate file in the archive. Several formats for the layer files are supported: PNG, BMP, GIF, and JPEG. Additionally a thumbnail and a composite image can be stored in the archive. Type: Filetype   Released: 07 Sep 2015   Status: Active   Compatibility: 3.5.x, 4.0x DLL Name: ImZIP.FileType.dll & ImZIP.FileType.dlc   Menu: N/A
	zKaleidoscope Author: zaya Topic: 114894	Transform a selection into a mandala (radial symmetry based on some slice of the largest possible circle that can fit in the selection). Type: Effect   Released: 15 Aug 2019   Status: Active   Compatibility: 4.2+ DLL Name: zkaleidoscope.dll   Menu: Effects > Distort
Deprecated	Zoom Blur Deluxe Author: dake Topic: 3122	Incompatible with 4.0x. Improved zoom blur effect. Also known as Fast zoom blur. Type: Effect   Released: 26 Feb 2007   Status: Deprecated   Compatibility: 3.5.x DLL Name: ZoomBlurDeluxe_v0.2.dll   Menu: Effects > Blurs
	Zoom Blur Deluxe for PDN4 Author: null54 Topic: 32178	Updated version of Zoom Blur Deluxe. The effect applies a blur which increases in magnitude as the distance increases away from the specified center point. Type: Effect   Released: 20 Aug 2015   Status: Active   Compatibility: 4.0+ DLL Name: ZoomBlurDeluxe.dll   Menu: Effects > Blurs