

Paint.net Plugin Index

1 May 2021

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.

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Deprecated - A newer version of the plugin or a new technique/feature has largely replaced this plugin.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 > 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 > Tools</p>
	<p>3D Heightmap v1.0 Author: Spikehead777 Topic: 9480</p>	<p>Two plugins which take current image as a height map & 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > Photo</p>
	<p>Advanced Julia Fractal Author: pascal Topic: 117747</p>	<p>Renders the Julia fractal to the canvas in grayscale. Many configurable options. Source code provided. Type: Effect Released: 02 Feb 2021 Status: Active Compatibility: 4.2+ DLL Name: Advanced Julia Fractal.dll Menu: Effects > Render</p>
	<p>Advanced Kaleidoscope Author: Xhin Topic: 115103</p>	<p>Turn an image into a kaleidoscope with many options & 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 > 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 ></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 > 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 & 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, libtensorflow.dll, TensorFlowSharp.dll Menu: Effects > 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 > 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 ></p>
	<p>Align Object Author: xod Topic: 112095</p>	<p>Align an object within the layer. Options to align vertically (Top, Center & Bottom) and horizontally (Left, Center & Right), or both simultaneously. Type: Effect Released: 12 Nov 2017 Status: Active Compatibility: 4.0+ DLL Name: Align Object.dll Menu: Effects > 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>
	<p>Alpha Blur v2 Author: Tanel Topic: 24280</p>	<p>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</p>
	<p>Alpha Contrast Author: sradforth Topic: 17732</p>	<p>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 ></p>
	<p>Alpha Displacement 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 ></p>
	<p>Alpha Levels Author: redflux Topic: 113215</p>	<p>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 ></p>
	<p>Alpha map Author: Boude Topic: 13330</p>	<p>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 ></p>
	<p>Alpha Mask Author: Illnab1024 Topic: 8677</p>	<p>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</p>
	<p>Alpha Mask Import (2.0) Author: Illnab1024 Topic: 1854</p>	<p>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</p>
	<p>Alpha to 0 Author: dpy Topic: 16643</p>	<p>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</p>
	<p>Alpha to 255 Author: dpy Topic: 16643</p>	<p>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</p>

	<p>Alpha to Dots Author: davidf Topic: 25473</p>	<p>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</p>
	<p>Alpha Transform 1.1 Author: DW-dev Topic: 16195</p>	<p>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 ></p>
Obsolete	<p>Alpha Transform v1.0 Author: DW.dev Topic: 16059</p>	<p>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</p>
	<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 > 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 > 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 > 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 ></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 & 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 > 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 > 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 > Texture</p>
Filetype	<p>Animated Image 1.7 Author: Simon Brown Topic: 13454</p>	<p>Open and save animated GIFs & 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 > 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 > 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 > 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 > Object</p>
	<p>Archimedean Spiral Author: MJW Topic: 117931</p>	<p>Transforms a rectangular region into an Archimedean spiral (a spiral in which distance between consecutive loops is constant). Type: Effect Released: 13 Mar 2021 Status: Active Compatibility: 4.2+ DLL Name: Archimedean Spiral.dll Menu: Effects > Distort</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 & 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 > 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 > 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 & 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>
	<p>Asmageddon_Alpha works Author: Asmageddon Prince Topic: 6845</p>	<p>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</p>
	<p>Asmageddon_Channel multiplier Author: Asmageddon Prince Topic: 6845</p>	<p>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</p>
	<p>Asmageddon_Channel_Shift Author: Asmageddon Prince Topic: 6845</p>	<p>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</p>
	<p>Asmageddon_Channel_Works_Plus Author: Asmageddon Prince Topic: 6845</p>	<p>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</p>
	<p>Asmageddon_Color_Percentage_Plus Author: Asmageddon Prince Topic: 6845</p>	<p>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</p>
	<p>Asmageddon_From P to S Author: Asmageddon Prince Topic: 6845</p>	<p>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</p>

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 uniqua 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 uniqua.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 disorder 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 disorder 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

	<p>Asmageddon_Strange Bulger Author: Asmageddon Prince Topic: 6845</p>	<p>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</p>
Obsolete	<p>Asmageddon_Strange Bulger B Author: Asmageddon Prince Topic: 6845</p>	<p>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</p>
	<p>Asmageddon_Strange_Bulger Kaleidoscope Author: Asmageddon Prince Topic: 6845</p>	<p>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</p>
	<p>Auto Chrome Grain filler texture Author: MadJik Topic: 111740</p>	<p>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</p>
	<p>AutoChroma Author: MadJik Topic: 7186</p>	<p>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</p>
	<p>Autochrome Noise Author: MadJik Topic: 19398</p>	<p>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</p>
	<p>Average Blur Author: KrisVDM Topic: 8375</p>	<p>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</p>
	<p>Average Color (HSL) Author: Neil Cassidy Topic: 16932</p>	<p>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</p>
	<p>Average Color of Selection Author: MJW Topic: 12919</p>	<p>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 ></p>
	<p>Average Edge Blur Author: cookies Topic: 20542</p>	<p>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</p>
	<p>Average Object Color Author: MJW Topic: 110896</p>	<p>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</p>

	<p>Averaged Color Blur Author: ReMake Topic: 112431</p>	<p>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</p>
Unsupported	<p>AVI Frame Importer: AVIImport Author: Simon Brown Topic: 7488</p>	<p>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</p>
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>
	<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: Active Compatibility: 4.2+ DLL Name: AxisStreakGmicPDN.dll & supporting folder/files GmicSharpNative Menu: Effects > 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 > 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 > 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 ></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 ></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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > Blurs</p>

Obsolete	Bilateral Filter Author: smax Topic: 24097	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 > Blurs
	Bizarro-Negation v1.0 Author: Xhin Topic: 25228	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 > Color
	Black & White Only Author: Intrepidis Topic: 117736	Select a level of grey. Any pixel which is darker is recolored black, otherwise the pixel is set to white. The resultant image will be either black and (possibly) white, with no grey at all. Type: Adjustment Released: 01 Feb 2021 Status: Active Compatibility: 4.2+ DLL Name: BlackWhiteOnly.dll Menu: Adjustments >
	Black and Alpha+ Author: dpy Topic: 13837	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 >
	Black and White Converter Author: Tanel Topic: 15093	Convert image to black and white (greyscale), with many options for setting white/black level, tone & contrast, color & 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 > Photo
	Black and White+ Author: BoltBait Topic: 113452	Provides three different algorithms to convert a color image into a black-and-white image. Also provides Brightness & 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 >
	Black and White+ Author: MJW Topic: 110935	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 >
	Blend Seams Author: DataDink Topic: 106712	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 > Render
Deprecated	BlendModes Plus v2.3.5 Author: APShredder Topic: 16607	[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 > Tools
	BlendModes Plus v3.1 Author: toe_head2001 Topic: 113214	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 > Tools

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 > 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 > 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 & CurtisBlack.Common.dll Menu: Effects > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 & 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 > Render</p>
	<p>Buttons Author: MadJik Topic: 13861</p>	<p>Create beautiful colored buttons with or without text & symbols. Now with border width & 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 > 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 > 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 > 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 > 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 > 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 > 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 > Render</p>

Deprecated	CellMaker Author: Ego Eram Reputo Topic: 8045	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 > Render
	CellMaker Rev Author: zoonel Topic: 17292	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 > Render
	Center Lines Author: ReMake Topic: 113928	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 > Tools
	Change Extreme Colors Author: MadJik Topic: 112347	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 > Color
	Channel Extraction Author: Reptillian Topic: 117753	Pick a RGBA channel and convert it to gray, opaque or average RGB. Codelab source provided. Type: Effect Released: 03 Feb 2021 Status: Active Compatibility: 4.2+ DLL Name: Channel Extraction.dll Menu: Effects > Color
Incompatible	Channel Mask Author: Curtis Topic: 8043	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 & CurtisBlack.Common.dll Menu: Effects > Object
	Channel Mixer Greyscale Author: Illnab1024 Topic: 3616	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 >
	Channel Operations Author: Joshua Lamusga Topic: 29793	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 >
Unsupported	Channels v2.0 Author: Simon Brown Topic: 9308	Modify colors by channel (Red, Green Blue & 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 >
	Chart White Balance Author: yvdh Topic: 13315	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 > Photo
	Charts and Graphs Author: BoltBait Topic: 114530	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 > Render

Checkboard Author: Simon Brown Topic: 13797	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 > Render
ChessFEN Author: Ego Eram Reputo Topic: 10782	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 > Render
Chop Up and Save Author: Martin Osieka Topic: 27218	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 & OptionBasedLibrary vY.Y.dlc Menu: Effects > Tools
Chroma Key (Green) Author: tarheit Topic: 12991	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 > Photo
Chroma Key/Green Screen Author: mgeorgiady Topic: 29806	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 > Photo
Circle Fractal Author: AhmedElyamani Topic: 31789	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 > Render
Circle Generator (CircleGen) Author: Foxxy 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
New Clean Transparent Author: mcCreery Topic: 118130	Removes color variation in fully transparent pixels. Type: Effect Released: 23 Apr 2021 Status: New Compatibility: 4.2+ DLL Name: CleanTransparent.dll Menu: Effects > Texture
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
Cobweb Author: Red Ochre Topic: 27296	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 > Artistic
CodeLab in Russian Author: ReMake Topic: 29995	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 > Advanced
CodeLab v6.0 Author: Tom Jackson Topic: 880	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 http://forums.getpaint.net/index.php?/topic/29995-codelab-in-russian Type: Effect Released: 03 Nov 2006 Status: Active Compatibility: 4.2+ DLL Name: CodeLab.dll Menu: Effects > Advanced
Color Aberration Author: MadJik Topic: 19513	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 > Color

<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 & Vandermotten.PaintDotNetEffects.dll Menu: Adjustments ></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 ></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 > Distort</p>
<p>Color Balance+ Author: dpy Topic: 15828</p>	<p>Enhanced color balance with Highlight, Shadow & 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 ></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: PDNAAlphaAdj.dll Menu: Effects > 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 > 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 > 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 > 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 ></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 > 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 > Color</p>

Color Harmonies Author: Martin Osieka Topic: 29332	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 & OptionBasedLibrary vX.X.dlc Menu: Effects > Tools
Color inpainting v1.0 Author: zarathoustra Topic: 18112	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 & PdnManualColorFilter.dll Menu: Effects > Color
Color Intensifier Author: Sakana Oji Topic: 113633	Boost the colors in an image Type: Effect Released: 01 Apr 2019 Status: Active Compatibility: 4.1+ DLL Name: ColorIntensifier.dll Menu: Effects > Color
Color Magic Author: Xhin Topic: 115062	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 > Color
Color Match v1.0 Author: pyrochild Topic: 10631	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 >
Color Matrix Author: Martin Osieka Topic: 27423	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 & OptionBasedLibrary vX.X.dlc Menu: Adjustments >
Color Mixer v1.2 Author: Tanel Topic: 9740	Make fine color adjustments with values for Red, Yellow, Green, Cyan, Blue, Magenta & 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 >
Color Modulo Author: MadJik Topic: 7186	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 > Texture
Color Modulo texture Author: MadJik Topic: 111782	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 > Texture
New Color Ramp Author: mcreery Topic: 118131	Maps brightness to a color gradient with up to three stops. Type: Adjustment Released: 23 Apr 2021 Status: New Compatibility: 4.2+ DLL Name: ColorRamp.dll Menu: Adjustments >

<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 > 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 ></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 > 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 > 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 > 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 > Color</p>
<p>Plugin Pack</p>	<p>Color Target Plugin Pack Author: rwp80 Topic: 10729</p> <p>Effects: Color Target, Color Stretch & 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 & 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 > Color</p>
<p>Deprecated</p>	<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 > 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 > 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 > Color</p>

Color Zoom Blur Author: MadJik Topic: 19360	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 > Blurs
Colorblindness Simulation Author: pascal Topic: 116566	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 > Color
ColorExchange Author: metobi Topic: 27085	Exchange one color channel for another. Type: Effect Released: 09 Nov 2013 Status: Active Compatibility: 3.5.x DLL Name: ColorExchange.dll Menu: Effects > Color
Colour Chop Author: n d Topic: 19657	Similar to other colour cutting effects, but this creates a smoother transition from transparent <-> opaque Type: Adjustment Released: 14 Aug 2010 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: colourchop3.dll Menu: Adjustments >
Colour Distort Author: Anaco Topic: 16423	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 > Distort
Colourblind Simulation Author: n d Topic: 19780	Ensure your image is legible for colour blind. Type: Adjustment Released: 27 Aug 2010 Status: Active Compatibility: Untested DLL Name: colourblindsim.dll Menu: Adjustments >
Combined Adjustments Author: BoltBait Topic: 115814	BoltBait's combination of Brightness/Contrast, Hue/Saturation/Lightness and Black & 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 >
Combined Photo Adjustments Author: BoltBait Topic: 17810	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 > Photo
Compo Grids Author: Red Ochre Topic: 110638	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 > Composition
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: CondHSAAdj.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: CreateImageMap.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-Authoring 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	<p>CSV (comma separated values) Filetype Author: Ego Eram Reputo Topic: 31674</p>	<p>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</p>
	<p>Cubic Transformation Author: Xhin Topic: 115122</p>	<p>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</p>
	<p>Cuboids Author: Red Ochre Topic: 31653</p>	<p>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</p>
	<p>Curly Lines Author: davidf Topic: 25591</p>	<p>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</p>
Plugin Pack	<p>Curtis' Plugin Pack Author: Curtis Topic: 8043</p>	<p>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</p>
	<p>Curves+ v2.10 Author: pyrochild Topic: 3749</p>	<p>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 ></p>
Obsolete	<p>Custom Brushes 5.1.5 Author: Simon Brown Topic: 8576</p>	<p>Obsolete. Use CustomBrushesMini. Type: Effect Released: 03 Mar 2008 Status: Obsolete Compatibility: Untested DLL Name: CustomBrushes.dll Menu: N/A</p>
Obsolete	<p>CustomBrushesMini 1.0 RC3 Author: Simon Brown Topic: 14627</p>	<p>Superseded. Use CustomBrushesMini. Type: Effect Released: 26 Apr 2009 Status: Obsolete Compatibility: Untested DLL Name: Unknown Menu: N/A</p>
	<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 & CustomBrushesMini.pdb Menu: Effects > 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 > 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 > Stylize</p>

	<p>Cut Color Author: xmario Topic: 18769</p>	<p>Cuts one color & shades of it from your image. Choose color to leave & 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 > 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 > 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 ></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 > 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 & Vandermotten.PaintDotNetEffects.dll Menu: Adjustments ></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 > Color</p>
Integrated	<p>DDS File Support Author: Dean Ashton Topic: 1348</p>	<p>Enables DDS file loading & 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 > 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 > 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>

	<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: Active Compatibility: 4.2+ DLL Name: deviation-to-alpha.dll Menu: Effects > Color</p>
	<p>Diagonal Lines v2.0 Author: jsonchiu Topic: 5550</p>	<p>Renders diagonal lines, frequency, brush width, antialias level & 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 > 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 & 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 > 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 & DirectionalBlur.pdb Menu: Effects > 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 > Distort</p>
Incompatible	<p>Displacement Map Author: Curtis Topic: 8043</p>	<p>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</p>
	<p>Display Color Change Direction Author: MJW Topic: 31820</p>	<p>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</p>
	<p>Dissolve 1.3 Author: APShredder Topic: 15982</p>	<p>Dissolves one image onto another. Type: Effect Released: 29 Aug 2009 Status: Active Compatibility: Untested DLL Name: Dissolve.dll Menu: Effects > Distort</p>
	<p>Distort This! Author: toe_head2001 Topic: 111622</p>	<p>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</p>
	<p>Distorting Mirror Author: MadJik Topic: 19440</p>	<p>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</p>

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
	Dots Author: Curtis Topic: 8043	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 & CurtisBlack.Common.dll Menu: Effects > Stylize
Plugin Pack	Dpy's Pack Author: dpy Topic: 16643	Effects: Black and Alpha+, Color Balance+, Multi-Threshold, Rotate_Zoom+, Perspective Effect, AA's Assistant, Metallize, Text+, Circle Text, Rotate Text, Spiral Text & 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
	Dr Scott's Markup Renderer Author: Ego Eram Reputo Topic: 31446	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 > Advanced
	Dragan Effect Author: ReMake Topic: 110475	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 > Artistic
	DragFrom Author: Simon Brown Topic: 21031	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 > Tools

Dream Author: BoltBait Topic: 8318	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 > Artistic
Drop Ripple Author: Ed Harvey Topic: 18811	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 & EdHarvey.Effects.pdb Menu: Effects > Distort
Drop Shadow Author: KrisVDM Topic: 8375	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 & Vandermotten.PaintDotNetEffects.dll Menu: Effects > Object
Obsolete Drop Shadow Author: KrisVDM Topic: 1143	Superseded by a later release Found in Drop Shadow & Effects. Type: Effect Released: 25 May 2006 Status: Obsolete Compatibility: 3.5.x, 4.0x DLL Name: Unknown Menu: N/A
Droste Author: toe_head2001 Topic: 32240	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 > Distort
Dryad Author: Red Ochre Topic: 28662	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 > Iterative Lines
Dull Author: StormWare Topic: 17982	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 >
Duotone Gradient Mapping Author: pascal Topic: 116694	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 > Color
Duotone Ink on Paper Author: KrisVDM Topic: 8375	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 & Vandermotten.PaintDotNetEffects.dll Menu: Adjustments >
Duotone Light Author: KrisVDM Topic: 8375	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 & Vandermotten.PaintDotNetEffects.dll Menu: Adjustments >
Dynamic Contrast Author: ReMake Topic: 117538	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 >

Filetype	EA FSH Filetype Author: null54 Topic: 24482	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
	Earths and Greys Author: Red Ochre Topic: 22500	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&Greys.dll Menu: Effects > Color
Obsolete	EasyWatermark Author: Simon Brown Topic: 8233	Superseded by new release, see PDNWatermark. Type: Effect Released: 02 Nov 2008 Status: Obsolete Compatibility: Untested DLL Name: N/A Menu: N/A
Obsolete	Ed Harvey Effects Author: Ed Harvey Topic: 7333	Superseded by a later release Type: Plugin Pack Released: 21 Dec 2007 Status: Obsolete Compatibility: Untested DLL Name: Unknown Menu: Unknown
Obsolete	Ed Harvey Effects (v3.30 Beta 1) Author: Ed Harvey Topic: 8539	Superseded by a later release Type: Plugin Pack Released: 03 Jan 2008 Status: Obsolete Compatibility: Untested DLL Name: Unknown Menu: Unknown
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
	Edge Expander Author: MJW Topic: 107026	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 > Object
	Edgemaster Author: n d Topic: 19682	Edge detection effect. Type: Effect Released: 16 Aug 2010 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: edgemaster.dll Menu: Effects >
Obsolete	EdHarvey Effects Author: Ed Harvey Topic: 3724	Superseded by new version Type: Plugin Pack Released: 21 Apr 2007 Status: Obsolete Compatibility: Untested DLL Name: Unknown Menu: Unknown
	Editable Text v1.0 Author: Simon Brown Topic: 10056	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 & EditableText.pdb Menu: Effects > Tools
	Effects Lab Author: Curtis Topic: 8043	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 & CurtisBlack.Common.dll Menu: Effects > Advanced

	<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 > 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 > 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 ></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 > 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 > 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 & IniFile.dll (required). Menu: Effects > 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 & IniFile.dll (required). Menu: Effects > 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 & 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 > Photo</p>
Obsolete	<p>Enormators Effects Author: Enormator Topic: 4131</p>	<p>The two effects are Stretch & 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 & CurtisBlack.Common.dll Menu: Effects > 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 > 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 > Height Map</p>
New	<p>Erode Author: mcCreery Topic: 118132</p>	<p>Removes edges from objects using an erosion technique. Type: Effect Released: 23 Apr 2021 Status: New Compatibility: 4.2+ DLL Name: Erode.dll Menu: Effects > Object</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 ></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 > 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>
	<p>Expand Color Author: MadJik Topic: 111716</p>	<p>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</p>
	<p>Extend Border v1.3 Author: Simon Brown Topic: 18290</p>	<p>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</p>
	<p>Extract Channel Author: Ed Harvey Topic: 18811</p>	<p>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</p>
	<p>Extract Color v1.0 Author: APShredder Topic: 16425</p>	<p>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</p>
	<p>Eyeshine (animal red-eye) removal Author: Tanel Topic: 18085</p>	<p>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</p>

	<p>Facet Author: Red Ochre Topic: 30150</p>	<p>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</p>
	<p>Fade Edge Author: KrisVDM Topic: 8375</p>	<p>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</p>
	<p>Fast Blur Author: Ed Harvey Topic: 3728</p>	<p>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</p>
	<p>Fast Blur Author: Ed Harvey Topic: 18819</p>	<p>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</p>
	<p>Feather Object Author: BoltBait Topic: 32048</p>	<p>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</p>
	<p>Feather Plugin Author: BoltBait Topic: 2140</p>	<p>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</p>
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 > 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 > Selection</p>
	<p>Fern Fractal Author: Curtis Topic: 8043</p>	<p>Renders a fern onto your canvas. Options include colour, angle, position, width, height & 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 & CurtisBlack.Common.dll Menu: Effects > 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 > 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 & ArgusPaintNetShared.dll Menu: Effects > 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 > 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 > 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 > 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 > 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 > 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 > 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 > Photo</p>
	<p>Film v2.0 Author: pyrochild Topic: 4373</p>	<p>Filter an image to give it grain & 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 > 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 > 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 & EdHarvey.Effects.pdb Menu: Effects > 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 > 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 > 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 > 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 > Distort</p>
Unsupported	<p>Flags Author: Simon Brown Topic: 11512</p>	<p>Select a flag & 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 & 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 > 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 ></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 ></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 > 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 > 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 > Stylize</p>
	<p>FlySwatter Author: ploogle Topic: 7067</p>	<p>Applies filter to make image look shiny & metallic, or perhaps psychedelic. Type: Effect Released: 12 Feb 2007 Status: Active Compatibility: 3.5.x DLL Name: FlySwatter.dll Menu: Effects > 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 > 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 > 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 > 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 > Render</p>
Integrated	<p>Fractal Mandelbrot Author: moc426 Topic: 5882</p>	<p>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</p>
Integrated	<p>Fragment Author: Ed Harvey Topic: 2530</p>	<p>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</p>
	<p>Fragment Blur+ Author: Reptillian Topic: 117510</p>	<p>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</p>
	<p>Frames Author: MadJik Topic: 6210</p>	<p>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</p>

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
Gradient Blur Author: MadJik Topic: 6532	A combination of the Gaussian blur & 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 > Blurs
Gradient Effect Author: pleska Topic: 1191	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 >
Gradient Grid Author: pyrochild Topic: 111660	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 > Render
Gradient Mapping v2.2 Author: pyrochild Topic: 6265	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 >
Gradient Plugin v2.0 Author: llInab1024 Topic: 1957	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 >

Gradients Galore Author: Red Ochre Topic: 24769	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 > Render
Gradual Stripes Author: Pratyush Topic: 112331	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 > Render
Grain Noise (Film Grain) Author: Tanel Topic: 19479	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 > Noise
Gralpha Author: Vermiculus Topic: 17943	Converts grayscale to Alpha. Type: Adjustment Released: 02 Feb 2010 Status: Active Compatibility: 3.5.x DLL Name: Gralpha.dll Menu: Adjustments >
Graph Maker Author: dsplaisted Topic: 15476	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 > Render
Graph Paper Author: toe_head2001 Topic: 106915	Generates graph paper with adjustable Cell Size & 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 & OptionBasedLibrary vX.X.dlc Menu: Effects > Render
Gravity Author: MadJik Topic: 7968	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 > Distort
Grayscale on Colored Paper Author: KrisVDM Topic: 8375	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 & VanderMotten.PaintDotNetEffects.dll Menu: Adjustments >
Grayscale+ Author: StormWare Topic: 17982	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 >
Green Tint Reduction Author: toe_head2001 Topic: 111835	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 > Photo
Obsolete GREYCstoration Wrapper *BETA* Author: Crazy Man Dan Topic: 6790	Replaced by the built-in Effects > Noise > 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

Unsupported	Greyscale channel mixer Author: andersbursjoo Topic: 4012	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 >
	Grid Maker Author: MadJik Topic: 4175	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 > Render
	Grid Maker v3.0 Author: BoltBait Topic: 1964	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 >
	Grid Warp Author: pyrochild Topic: 25327	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 > Tools
	Gridlines Author: KrisVDM Topic: 8375	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 & VanderMotten.PaintDotNetEffects.dll Menu: Effects > Render
	Grim Color Reaper Author: Jotaf Topic: 15595	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 > Color
	Grow Author: Red Ochre Topic: 116124	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 > Artistic
	GuideLines Author: xod Topic: 112076	Draws guiding lines as an aid to drawing, alignment & sizing. Type: Effect Released: 12 May 2017 Status: Active Compatibility: 4.0+ DLL Name: GuideLines.dll Menu: Effects > Render
	Halftone Author: Ed Harvey Topic: 18811	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 & EdHarvey.Effects.pdb Menu: Effects > Stylize
Plugin Pack	Hardware Accelerated Blur Pack Author: Bruce Bowyer-Smyth Topic: 19364	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 & Zoom Blur. Type: Plugin Pack 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
Unsupported	HD Photo plugin - BETA Author: Rick Brewster Topic: 3508	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>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 ></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 > 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 > Iterative Lines</p>
	<p>Hexagonal Grid Author: MadJik Topic: 3078</p>	<p>Creates a hexagonal grid. Includes brushwidth & 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 > 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 & Reveal hidden image.dll Menu: Effects > 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 > 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 > 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 > 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: PNOTFile.dll Menu: N/A</p>

	Hot Metal Glow Author: MJW Topic: 108875	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 > Color
	HSV Eraser Author: MJW Topic: 31843	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 >
	HSV Scrambler Author: MJW Topic: 32013	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 > Stylize
	Hue / Saturation Author: Ed Harvey Topic: 18819	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 > FastFx
	Hue / Saturation Plus Author: BoltBait Topic: 28613	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 >
Obsolete	Hue / Saturation+ Author: Tanel Topic: 11619	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 >
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	<p>Im(age)PDF filetype Author: Martin Osieka Topic: 22863</p>	<p>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</p>
	<p>Image Distortion Author: xod Topic: 114600</p>	<p>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</p>
	<p>Image Modulo Toolkit Author: Reptillian Topic: 115656</p>	<p>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 ></p>
Filetype	<p>Image Tiling FileType Author: null54 Topic: 27216</p>	<p>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</p>
Filetype	<p>Image To Code (AKA Image To C) Author: ShayEr Topic: 2965</p>	<p>Convert image to C/C++ data structure. Type: Filetype Released: 02 Oct 2007 Status: Active Compatibility: Untested DLL Name: CodeFileType.dll Menu: N/A</p>
	<p>ImageInText Author: xod Topic: 111908</p>	<p>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</p>
Filetype	<p>ImAGIF Author: Midora Topic: 31629</p>	<p>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</p>
Filetype	<p>ImAPNG Author: Midora Topic: 31629</p>	<p>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</p>
	<p>Imgur Uploader Author: JoZ1 Topic: 26732</p>	<p>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 ></p>
	<p>Increase Local Contrast Author: MichaelVinther Topic: 14204</p>	<p>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</p>
Integrated	<p>Ink Sketch Author: BoltBait Topic: 3474</p>	<p>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</p>
	<p>InkSketch+ Author: AhmedElyamani Topic: 25275</p>	<p>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</p>

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
Inside Out Author: Ed Harvey Topic: 18811	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 & EdHarvey.Effects.pdb Menu: Effects > Distort
IntenColor Author: P13Darksight Topic: 17484	Takes the intensity of the current pixel & 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 > Color
Intensity RGB Author: ReMake Topic: 116130	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 >
Filetype Interchange File Format Author: Martin Osieka Topic: 30238	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
Interlace Author: tunedude Topic: 3573	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 >
Interlocking Tiles Author: toe_head2001 Topic: 113640	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 > Fill

	<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 ></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 ></p>
	<p>Invert Anything Author: Xhin Topic: 115243</p>	<p>Invert a wide variety of things: Red, Green Blue, Hue, Saturation, Contrast, Alpha & more. Type: Adjustment Released: 10 Feb 2019 Status: Active Compatibility: 4.2+ DLL Name: Invert_Anything.dll Menu: Adjustments ></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 ></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 & Color Plugins Type: Adjustment Released: 08 Nov 2009 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: invert_channels.dll Menu: Adjustments ></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 > Color</p>
	<p>iPhone Tab Bar Icon Maker Author: sradforth Topic: 17732</p>	<p>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</p>
	<p>Isolate Black / White Author: Mike Ryan Topic: 17865</p>	<p>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</p>
New	<p>Isolate Channel Author: mcreery Topic: 118133</p>	<p>Extracts a single color channel from a texture to grayscale or another channel. Type: Effect Released: 23 Apr 2021 Status: New Compatibility: 4.2+ DLL Name: IsolateChannel.dll Menu: Effects > Texture</p>
	<p>Isolate Lineart Author: silverhammer Topic: 13535</p>	<p>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 ></p>
	<p>Isometric Cuboid Author: toe_head2001 Topic: 82358</p>	<p>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</p>
	<p>Isometric Tiler Author: Mallaboro Topic: 113226</p>	<p>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</p>

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
	Julia "plus" Author: MadJik Topic: 111880	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 > Texture
	Jumble Author: Curtis Topic: 8043	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 & CurtisBlack.Common.dll Menu: Effects > Distort
	KaleidGen Author: MadJik Topic: 4852	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 > Render
	Kaleidoscope Author: MadJik Topic: 3428	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 > Distort
	Kaleidoscope Effect Author: pleabo Topic: 20081	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 > Distort

<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 > 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 > Color</p>
<p>Koch Snowflake Fractal Author: stuff_gnome Topic: 15270</p>	<p>Renders the Koch fractal snowflake in configurable complexity, with brushwidth & antialias options. Type: Effect Released: 29 Jun 2009 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: Koch_Snowflake.dll Menu: Effects > 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 ></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>
<p>Kuwahara Filter Author: null54 Topic: 111614</p>	<p>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</p>
<p>Lameography Author: BoltBait Topic: 11785</p>	<p>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</p>
<p>Laplacian pyramid filter Author: MichaelVinther Topic: 24563</p>	<p>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</p>
<p>Lattice Author: Ed Harvey Topic: 18811</p>	<p>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</p>
<p>Lattice Transform Author: Xhin Topic: 115253</p>	<p>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</p>
<p>Layer Cake Author: TechnoRobbo Topic: 26566</p>	<p>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</p>

<p>Layer Saver Author: I Like Pi Topic: 9704</p>	<p>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</p>
<p>LCD Subsampling resize Author: xrl Topic: 7775</p>	<p>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 ></p>
<p>Lens Author: Ed Harvey Topic: 18811</p>	<p>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</p>
<p>Lens Distortion Correction Author: hihellohi Topic: 26347</p>	<p>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</p>
<p>Lens Flare Author: MadJik Topic: 7186</p>	<p>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</p>
<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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > Tools</p>
<p>#REF!</p>	<p>#REF!</p>
<p>Filetype 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, Motion 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, Polygons.</p> <p>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 & options. Found in Magical Plugins Megapack.</p> <p>Type: Effect Released: 27 Jul 2010 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: Magnifier.dll Menu: Effects > 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.</p> <p>Type: Effect Released: 05 Nov 2007 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: Majority.dll Menu: Effects > Stylize</p>
	<p>Obsolete</p> <p>Make Colour Transparent Author: Simon Brown Topic: 10841</p>	<p>Obsolete. Use Color to Alpha Advanced.</p> <p>Type: Effect Released: 16 Jul 2008 Status: Obsolete Compatibility: Untested DLL Name: Unknown Menu: N/A</p>
	<p>Make Palette Author: geist_ Topic: 117823</p>	<p>Uses the current selection to create a palette file named UntitledPalette.txt in /Documents/paint.net User Files/Palettes. Each color is used only once in the palette. It also displays how many unique colors are in the palette. NOTE: is still in development.</p> <p>Type: Adjustment Released: 17 Feb 2021 Status: Active Compatibility: 4.2+ DLL Name: Make Palette.dll Menu: Adjustments ></p>
	<p>Make Transparent Author: GoldenCrystal Topic: 9667</p>	<p>Make an image transparent in respect of the chosen color. In other words this is another color to alpha plugin.</p> <p>Type: Effect Released: 05 Feb 2008 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: MakeTransparent.dll Menu: Effects > Color</p>
	<p>Make-3D Author: zaya Topic: 114991</p>	<p>Outputs a faux 3D image where the 3rd dimension (height) is determined by intensity of the color.</p> <p>Type: Effect Released: 26 Aug 2019 Status: Active Compatibility: 4.2+ DLL Name: make-3d.dll Menu: Effects > Stylize</p>
	<p>Mandala Author: NomBot Topic: 110890</p>	<p>Renders and rotate cardinal splines in color and with various brush settings.</p> <p>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</p>
	<p>Manual Color Correction Author: Gaeriel Topic: 22977</p>	<p>Change colors by transforming one color into another. Similar to the 'Manual Color Correction' tool in Paint Shop Pro.</p> <p>Type: Adjustment Released: 26 Oct 2011 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: ManualColorCorrection.dll Menu: Adjustments ></p>

	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
New	McCreery's Plugins Author: mcreery Topic: 118140	Plugin pack containing individual DLL files for: Clean Transparent, Color Ramp, Erode, Isolate Channel, Move Seams, Outline & Remove Transparency. Also comes with install.bat installer. Source is available on GitHub. Type: Plugin Pack Released: 24 Apr 2021 Status: New Compatibility: 4.2+ DLL Name: Install.bat, CleanTransparent.dll, ColorRamp.dll, Erode.dll, IsolateChannel.dll, MoveSeams.dll, Outline.dll & RemoveTransparency.dll Menu: N/A
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	Mike Ryan's Plugins Author: Mike Ryan Topic: 11645	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
	Mirror / Rotate Author: null54 Topic: 28801	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 & IniFile.dll (required) Menu: Effects >
	Mirror / Rotate Author: Toli Topic: 6686	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 & IniFile.dll (required) Menu: Effects >

Mirror / Rotate Menu Author: null54 Topic: 28801	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 & IniFile.dll (required) Menu: Effects > Mirror	
Mirror / Rotate Menu Author: Toli Topic: 6686	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 & IniFile.dll (required) Menu: Effects > Mirror	
Mirror Over Line Author: evanolds Topic: 13003	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 > Mirror	
Mirror Selection Author: GOAE Topic: 28435	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 >	
Mise En Abyme Author: MJW Topic: 117293	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 Abyme.dll Menu: Effects > Selection	
Mismatch Eraser Author: MJW Topic: 113556	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 > Color	
Modify Channels v1.0.0 Author: LWChris Topic: 110805	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 >	
Moire Author: MadJik Topic: 8450	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 > Texture	
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	<p>Mosaic Maniac (Collage Paint) Author: MosaicManiac Topic: 14969</p>	<p>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</p>
	<p>Motion Sharpen Author: MadJik Topic: 9282</p>	<p>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</p>
New	<p>Move Seams Author: mcreery Topic: 118134</p>	<p>Draws a tiled version of the canvas at an offset, allowing seamless texture creation and positioning. Type: Effect Released: 23 Apr 2021 Status: New Compatibility: 4.2+ DLL Name: MoveSeams.dll Menu: Effects > Texture</p>
	<p>Multi Color Gradient Author: romein Topic: 8527</p>	<p>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</p>
	<p>Multi-Threshold Author: dpy Topic: 18368</p>	<p>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</p>
	<p>MultiSpline Author: Red Ochre Topic: 31933</p>	<p>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</p>
	<p>MultiView Warp Author: Ed Harvey Topic: 18811</p>	<p>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</p>
	<p>MyCreaLogo Author: roro69 Topic: 111028</p>	<p>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</p>
	<p>Nebulous Author: MadJik Topic: 7186</p>	<p>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</p>
	<p>Nebulous texture Author: MadJik Topic: 111774</p>	<p>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</p>
	<p>Neon Edges Author: ReMake Topic: 31657</p>	<p>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</p>

	<p>Newton Fractal texture Author: MadJik Topic: 111758</p>	<p>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</p>
	<p>NewtonFractal Author: MadJik Topic: 7186</p>	<p>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</p>
	<p>Night Vision Author: pleabo Topic: 20643</p>	<p>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</p>
	<p>Noise Bleacher Author: TechnoRobbo Topic: 26561</p>	<p>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</p>
	<p>Noise Reduction Author: ncoquard Topic: 18490</p>	<p>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</p>
	<p>Noisechoice Author: Red Ochre Topic: 24397</p>	<p>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</p>
	<p>Normal Map Author: stinger Topic: 2534</p>	<p>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 ></p>
Unsupported	<p>Normal Map Renderer Author: eekysam Topic: 24587</p>	<p>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</p>
	<p>Normal Tools v1.1 Author: gOUJOSAMMA Topic: 23936</p>	<p>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>
	<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 > 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 > Color</p>

	NormalMap Restore Z from X and Y Author: xrModder Topic: 117450	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 >
	NormalMapPlus Author: MJW Topic: 111602	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 > Stylize
Deprecated	NormalMapPlus v1.0 Author: Simon Brown Topic: 17010	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 > Stylize
Plugin Pack	Null54's Plugin Pack Author: null54 Topic: 109415	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
	Object Align Author: KrisVDM Topic: 8375	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 & Vandermotten.PaintDotNetEffects.dll Menu: Effects > Object Align
	Object Bevel Author: Red Ochre Topic: 26280	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 > Object
	Object Edges Author: Red Ochre Topic: 25477	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 > Object
	Object Inner Shadow Author: BoltBait Topic: 31464	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 > Object
	Object Pruner Author: MJW Topic: 113962	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 > Object
Obsolete	Object Reflections - Wet Floor Effect Author: BoltBait Topic: 2161	Obsolete. Use [member=MadJik]'s Wet Floor Reflection. Type: Effect Released: 11 May 2006 Status: Obsolete Compatibility: Untested DLL Name: Unknown Menu: N/A

Deprecated	Object Shadow Author: BoltBait Topic: 32048	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 > Object
	Object Shadow Pro v1.0 Author: BoltBait Topic: 116317	Create various types of shadowing effects for objects (pixels surrounded by transparency). Drop shadows, modern and 3D shadowing are all supported. Replaces BoltBaits' Object Shadow in his plugin pack. Type: Effect Released: 27 Apr 2020 Status: Active Compatibility: 4.2+ DLL Name: ObjectShadowPro.dll Menu: Effects > Object
Plugin Pack	Object Tools Author: BoltBait Topic: 32048	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 > Object
	Object2color Author: Red Ochre Topic: 25420	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 > Object
	Oblique Effect Author: MadJik Topic: 2524	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 > Distort
	Octagonal/Quad reshape/matte Author: evanolds Topic: 2642	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 > Distort
	Offset Author: TechnoRobbo Topic: 26605	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 > Object
	Offset Alternating Stripes Author: MJW Topic: 109769	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 > Distort
	Oil Painting+ Author: BoltBait Topic: 109948	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 > Artistic
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 (http://optipng.sourceforge.net/). 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
New	Outline Author: mccreery Topic: 118135	Adds precise outlines to objects using a dilation technique. Type: Effect Released: 23 Apr 2021 Status: New Compatibility: 4.2+ DLL Name: Outline.dll Menu: Effects > Object
	Outline Object Author: BoltBait Topic: 32048	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 > Object

	Outline Object v2.6 Author: pyrochild Topic: 4923	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 > Object
Deprecated	Outline Selection Author: Aziz Topic: 9870	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 > Selection
	Outline Selection Author: BoltBait Topic: 11514	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 > Selection
	Outlined / Gradient text Author: xod Topic: 112485	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 > Text Formations
	Overblur Author: Red Ochre Topic: 24585	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 > Blurs
	Overliner Author: MadJik Topic: 19441	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 > Stylize
	Page Curl Author: MadJik Topic: 10020	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 > Distort
Filetype	Paint Shop Pro FileType Author: null54 Topic: 22817	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
Obsolete	paint.net Bulk Image Processor Author: Corillian Topic: 18936	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
Deprecated	paint.net Effect Installation Right-Click Menu Option Author: Simon Brown Topic: 10329	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
Obsolete	paint.net Plugin Installer Author: Powerslave UK Topic: 6859	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
Obsolete	paint.net Plugin Manager Author: Braiden Topic: 9897	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>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 in 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 > 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 & 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 & PDNPalette.dll Menu: Effects > 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 > 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 > 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 > 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 > 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 > 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 > 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 > Selection</p>

	Pastel/Water Color Author: BoltBait Topic: 2045	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 > Artistic
Filetype	PCX Plug-In Author: Joshua Bell Topic: 2135	Load & save PCX images. Type: Filetype Released: 30 Oct 2006 Status: Active Compatibility: Untested DLL Name: PcxFileType.dll Menu: N/A
	PDN File Info viewer Author: harold Topic: 10849	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
	PDN OpenSearch Custom Tool Bar Author: L3ron Topic: 18998	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
Obsolete	PdnBench for paint.net v3.0 Author: Rick Brewster Topic: 2771	Superseded by new version Type: External Resource Released: 27 Jan 2007 Status: Obsolete Compatibility: Untested DLL Name: PdnBench.exe Menu: N/A
Obsolete	PdnBench for paint.net v3.20 Author: Rick Brewster Topic: 7256	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
	PdnFF Author: null54 Topic: 20380	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 ffparsed_x86.dll or ffparsed_x64.dll. Menu: Effects >
Unsupported	PDNWatermark Author: Simon Brown Topic: 14517	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 > Tools
	Pencil Sketch Author: Ed Harvey Topic: 18819	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 > FastFx
	Perlin Noise Generator Author: zaya Topic: 114943	Perlin Noise engine. Type: Effect Released: 22 Aug 2019 Status: Active Compatibility: 4.2+ DLL Name: perlin_noise.dll Menu: Effects > Noise
	Perlin Texture Author: MadJik Topic: 19495	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 > Texture

Plugin Pack	<p>Person_321's texture and color plugins Author: person_321 Topic: 16103</p>	<p>Effects: Invert Channels, Rainbow loom, Sound wave & 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 &/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 > Distort</p>
	<p>Perspective Lines Author: tzachs Topic: 17864</p>	<p>Draws vanishing points & 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 ></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 > 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 > 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 & EdHarvey.Effects.pdb Menu: Effects > 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 & EdHarvey.Effects.pdb Menu: Effects > 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 > 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 > 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 > 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 > 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 > 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 ></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 ></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 > Photo</p>

Filetype	<p>PNG Sprite Matrix 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 > Save As > Sprite Matrix (*.png). Type: Filetype Released: 27 Mar 2015 Status: Active Compatibility: 4.0+ DLL Name: PNGSpriteMatrix.dll Menu: N/A</p>
Deprecated	<p>PNM File Type Plugin 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>Point Blur 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 > Blurs</p>
	<p>Point Warp 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 > Distort</p>
Deprecated	<p>Point Warp / Engorged Smudge 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 > Distort</p>
	<p>Point Warp / Engorged Smudge for PDN4 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 > Distort</p>
	<p>Polar Inversion Plus 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 > Distort</p>
	<p>Polar Kaleidoscope 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 > Distort</p>
	<p>Polar Reflection 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 & features. Type: Effect Released: 17 Sep 2019 Status: Active Compatibility: 4.2+ DLL Name: Polar_Reflection.dll Menu: Effects > Distort</p>
	<p>Polar Singularity 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 > Distort</p>
	<p>Polar to Rect 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 > 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 > 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 > Render</p>
Plugin Pack	<p>PolyGlitch (Glitch Effects) Author: gsuberland 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 > 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 > 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 > Tools</p>
	<p>Polygonal Transparency Author: evanolds Topic: 13003</p>	<p>Create many sided polygons of transparent pixels. With options to feather edges & 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 > Transparency</p>
	<p>Polygones Author: MadJik Topic: 7186</p>	<p>Draws closed polygons & 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 > 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 & old systems may be SLOW to render). Plugin & 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 > 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 > Photo > Soften Portrait (originally in Effects > Portrait). Type: Effect Released: 04 Apr 2007 Status: Integrated Compatibility: Untested DLL Name: Unknown Menu: Effects > 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 > 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 > 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 ></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 ></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 ></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 & ImPS,EPS,AI.Open.FileType.dlc. OptionBasedLibrary vX.X.dll & 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 > 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 ></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 > 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 & offset, tiling, header & 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 > 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 > 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 > 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 & PSFilterShim.exe Menu: Effects > 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 > 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 > 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 > 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 > 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 > 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 > 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 & 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 > Blur</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 > 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 > 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 > 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, FreeImage.dll & SaveForWebRIOT.dll + RIOTProxy.exe Menu: Effects > 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 > 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 > 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 > Artistic</p>
<p>Rainbow Loom Author: person_321 Topic: 15799</p>	<p>Renders a pre-defined pattern. Found in Person_321's Texture & Color Plugins Type: Effect Released: 14 Aug 2009 Status: Active Compatibility: 3.5.x DLL Name: rainbow loom.dll Menu: Effects > 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 > 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 > 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 ></p>

	<p>Random lines Generator Author: MadJik Topic: 7630</p>	<p>Create/add straight & 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 > 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 & 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 & Random Maze2.dll Menu: Effects > Render</p>
	<p>Random Shape Fill v1.0 Author: pyrochild Topic: 10633</p>	<p>Draws random (predefined) shapes on the canvas. 17 shape modes & 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 > 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 & 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 > 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 > 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 > 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 > 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 > 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 > 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 > Photo</p>
Plugin Pack	<p>Red Ochre Plugin Pack 10 (PDN4) Author: Red Ochre Topic: 117826</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&Greys, Gradients Galore, Highlight, Noisechoice, Object2color, Object edge, Overblur, Psychocolor, Recolor choice, Selection2clear, Squirkle, Squirklewarp, Tweak edges & 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 > 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 > 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 > Texture</p>
Plugin Pack	<p>Remake's Plugin Pack Author: ReMake Topic: 118037</p>	<p>Plugin pack containing Effects and Adjustments: Dynamic Contrast, Intensity RGB, Saturation RGB, Transparency RGB, Color Sketch, Dragan Effect, Linocut, Reticulation, Scratch Art, Sponge, Averaged Color Blur, Color Range, Eliminate Dark/Light, Lines/Grid, Emboss+, Neon Edges & Center Lines Type: Plugin Pack Released: 30 Mar 2021 Status: Active Compatibility: 4.2+ DLL Name: RM_EffectsInstaller.zip or RM_EffectsPack.zip Menu: N/A</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 ></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 > Photo</p>
New	<p>Remove Transparency Author: mcreery Topic: 118136</p>	<p>Makes the canvas opaque by setting alpha to 255 for all pixels. Type: Effect Released: 23 Apr 2021 Status: New Compatibility: 4.2+ DLL Name: RemoveTransparency.dll Menu: Effects > Texture</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 > 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 > 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 > 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 > Artistic</p>

Reverse Colors Author: MadJik Topic: 21527	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 > Color
RGB Compositor Author: toe_head2001 Topic: 113646	Assembles a full-color image from three separate images (one each for the RG & B color channels). Type: Effect Released: 01 Jul 2019 Status: Active Compatibility: 4.1+ DLL Name: RGBCompositor.dll Menu: Effects > Color
RGB Remapper Author: sradforth Topic: 17732	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 > Color
RGB to CMYK Author: BoltBait Topic: 3763	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 > Color Space
RGB-Gray Linear Interpolation Author: Reptillian Topic: 116118	Interpolates between RGB and grayscale values. Type: Effect Released: 15 Mar 2020 Status: Active Compatibility: 4.2+ DLL Name: RGBtoLinearInterpolation.dll Menu: Effects > Color
Filetype RGB565 Filetype Author: ejohnson0547 Topic: 16747	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
Ripple Author: Ed Harvey Topic: 18811	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 & EdHarvey.Effects.pdb Menu: Effects > Distort
Rosaces Author: MadJik Topic: 8755	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 > Render
Rotate by Torus Map Author: Reptillian Topic: 117376	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 > Render
Rotate Text Author: dpy Topic: 16643	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 > Text Formations
Rotate Zoom+ Author: dpy Topic: 24205	Zoom & 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 > Distort
Rotation Bilinear v1.1 Author: alexb Topic: 16741	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 >

	<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 & CurtisBlack.Common.dll Menu: Effects > 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 > Render</p>
	<p>Rubber Stamp Author: toe_head2001 Topic: 111225</p>	<p>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</p>
	<p>Ruler Author: toe_head2001 Topic: 107652</p>	<p>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</p>
Obsolete	<p>Sabrown100 Plugin Pack Author: Simon Brown Topic: 8339</p>	<p>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</p>
	<p>Saturation RGB Author: ReMake Topic: 30179</p>	<p>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 ></p>
	<p>Saturation to Alpha (formerly Switch Color to Alpha) Author: Joshua Lamusga Topic: 27567</p>	<p>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</p>
Filetype	<p>Scalable Vector Graphics Filetype Author: otuncelli Topic: 117086</p>	<p>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</p>
	<p>Scintillate Author: Red Ochre Topic: 27003</p>	<p>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</p>
	<p>Scratch Art Author: ReMake Topic: 110529</p>	<p>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</p>
	<p>Screen Pixel Author: toe_head2001 Topic: 31570</p>	<p>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</p>

	<p>ScreenPixel Author: Bleek II Topic: 9059</p>	<p>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</p>
	<p>Scribble Author: Red Ochre Topic: 27426</p>	<p>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>
	<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 > 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 > 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 ></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 > 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 > 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 & EdHarvey.Effects.pdb Menu: Effects > 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 > 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 > 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 > 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 & SelectionInnerContour.pdb Menu: Effects > 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 > 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 & CurtisBlack.Common.dll Menu: Effects > 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 > 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 > 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 > 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 & Vandermotten.PaintDotNetEffects.dll Menu: Adjustments ></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 > 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 > 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 ></p>

	Shape(ray, arrow, circle, etc) Author: myxlplyx Topic: 3713	Draw rays, arrows & 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 >
	Shape3D Author: MKT Topic: 18968	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 > Render
	Shaped Gradient v1.5 Author: n d Topic: 19669	Creates a gradient in a multitude of shapes. Round, square, conical, linear and also elliptic, trapezoid, hexagonal & more... Type: Effect Released: 15 Aug 2010 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: shapegradient.dll Menu: Effects > Selection
Obsolete	ShapeMaker v1.2.3 Author: The Dwarf Horde Topic: 32096	New version has been released: see ShapeMaker 1.3+ Type: Effect Released: 08 Mar 2015 Status: Obsolete Compatibility: 4.0+ DLL Name: DHShapeMaker.dll Menu: Effects > Advanced
	ShapeMaker v1.3+ Author: The Dwarf Horde Topic: 110677	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]. Type: Effect Released: 12 Dec 2016 Status: Active Compatibility: 4.0+ DLL Name: DHShapeMaker.dll Menu: Effects > Advanced
	Shapes Author: MadJik Topic: 23498	Render a repeating shape. User selects the increase/decrease step, speed, etc. Found in Magical Plugins Megapack. Type: Effect Released: 12 Dec 2011 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: Shapes.dll Menu: Effects > Render
	Sharpen Landscape (aka Landscape) Author: BoltBait Topic: 16736	Automates a number enhancements for landscape pictures. Also known as 'Sharpen Landscape'. Found in BoltBait's Plugin Pack Type: Effect Released: 11 Mar 2009 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: Landscape.dll Menu: Effects > Photo
	Sharpen+ (Advanced Unsharp Mask) Author: Tanel Topic: 5456	Sharpen photos with an unsharp mask. Yields finer results than the built-in sharpen effect. Found in Tanel's Plugin Pack. Type: Effect Released: 15 Aug 2007 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: Sharpen+.dll Menu: Effects > Photo
	Shatters Author: black2hack Topic: 23089	Break up an image into fragments. Note Beta status. Similar to Mosaic Type: Effect Released: 11 Apr 2011 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: Shatters_0.55beta.dll Menu: Effects > Distort
	Sierpinski triangle Author: MadJik Topic: 111494	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. Type: Effect Released: 30 Jun 2017 Status: Active Compatibility: 4.0+ DLL Name: Sierpinski.dll Menu: Effects > Texture

	<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. 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?) Type: Effect Released: 13 Apr 2008 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: Silhouette.dll Menu: Effects > 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 > 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 & 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 > 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 & EdHarvey.Effects.pdb Menu: Effects > 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 > 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 > Render</p>

<p>Sine Wave Distort Author: MadJik Topic: 4878</p>	<p>Uses sine function to apply a horizontal &/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 > 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 & EdHarvey.Effects.pdb Menu: Effects > 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 > 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 > 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 > 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 & Vandermotten.PaintDotNetEffects.dll Menu: Effects > 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 > 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 & IniFile.dll (required) Menu: Effects > 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 & IniFile.dll (required) Menu: Effects > 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 > 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 > 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 > 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 & EdHarvey.Effects.pdb Menu: Adjustments ></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 > 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 > 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 & EdHarvey.Effects.pdb Menu: Effects > Color</p>
	<p>Sound Wave Author: Foxxy 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 > Render</p>
	<p>Sound Wave Author: person_321 Topic: 16129</p>	<p>Renders a wave pattern. Found in Person_321's Texture & Color Plugins Type: Effect Released: 09 Oct 2009 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: Sound wave.dll Menu: Effects > Render</p>
	<p>Spaced Text Author: simmetric Topic: 111094</p>	<p>Text rendering plugin which supports kerning & 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 & SpacedTextPlugin.pdb Menu: Effects > 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 > 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 > 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 > Render</p>

Speech Bubble Author: dpy Topic: 18378	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 > Text Formations
Spherical Bulge Author: Xhin Topic: 115318	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 > Distort
Spiral Author: MadJik Topic: 7963	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 > Render
Spiral Text ver 1.2 Author: dpy Topic: 16496	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 > Text Formations
Spirit Level Photo Effect Author: Martin Osieka Topic: 31808	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 & SpiritLevel.Effect.dlc Menu: Effects > Photo
SpiroGraph Author: MadJik Topic: 5121	Draws alternated centred polygons and rotates/reduces each of them. Uses Primary & 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 > Render
SpiroShapes Author: MadJik Topic: 2949	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 > Render
Splashes Author: MadJik Topic: 9300	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 > Render
Splatter v1.5 Author: pyrochild Topic: 8502	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 > Artistic
Splinter Author: Ed Harvey Topic: 18811	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 & EdHarvey.Effects.pdb Menu: Effects > Blurs
Spoked Wheel Author: toe_head2001 Topic: 107490	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 > Render

	<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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > Stewien Filters</p>
	<p>StickMan Author: Ego Eram Reputo Topic: 108546</p>	<p>A plugin which helps position & 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 > 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 > 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 > 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 > 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 & many coloring options. Type: Effect Released: 30 Jul 2014 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: StringAndPin.dll Menu: Effects > 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 & 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 > 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 ></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 > 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 levgen Naida to support LAYERS. Type: Filetype Released: 14 Oct 2013 Status: Active Compatibility: Untested DLL Name: ImSVG.Open.FileType.dll & ImSVG.Open.FileType.dlc. OptionBasedLibrary vX.X.dll & 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 > 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 > 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 > 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 > 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 & 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 > 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 > 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 > Render</p>
Plugin Pack	<p>TechnoRobbo's Plugin Pak Author: TechnoRobbo Topic: 26725</p>	<p>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</p>
	<p>Temperature / Tint Adjustment Author: BoltBait Topic: 111031</p>	<p>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 ></p>
Plugin Pack	<p>Tessellation Combo Author: TechnoRobbo Topic: 26605</p>	<p>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</p>
	<p>Tesserae v1.0 Author: NomBot Topic: 110802</p>	<p>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</p>
	<p>Text Distortion Author: xod Topic: 113886</p>	<p>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</p>
	<p>Text Pro (free trial) Author: romein Topic: 17056</p>	<p>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 ></p>
	<p>Text Steganography BETA Author: I Like Pi Topic: 7792</p>	<p>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</p>
	<p>Text Window Author: toe_head2001 Topic: 32208</p>	<p>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</p>
	<p>Text+ Author: dpy Topic: 25214</p>	<p>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</p>
Deprecated	<p>Texture Author: Simon Brown Topic: 15218</p>	<p>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</p>

Texture Merger Author: MJW Topic: 110518	<p>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.</p> <p>Type: Effect Released: 27 Oct 2016 Status: Active Compatibility: 4.0+ DLL Name: TextureMerger.dll Menu: Effects > Height Map</p>
Texture Object Rounder Author: MJW Topic: 111754	<p>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.</p> <p>Type: Effect Released: 13 Sep 2017 Status: Active Compatibility: 4.0+ DLL Name: Texture Object Rounder.dll Menu: Effects > Height Map</p>
Texture Scaler Author: MJW Topic: 110853	<p>Utility to rescale height maps.</p> <p>Type: Effect Released: 01 Aug 2017 Status: Active Compatibility: 4.0+ DLL Name: Texture Scaler.dll Menu: Effects > Height Map</p>
Texture Shader Author: MJW Topic: 116947	<p>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.</p> <p>Type: Effect Released: 27 Jun 2015 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: TextureShader.dll Menu: Effects > Distort</p>
Texture Smoother Author: MJW Topic: 110314	<p>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.</p> <p>Type: Effect Released: 09 Oct 2016 Status: Active Compatibility: 4.0+ DLL Name: TextureSmoother.dll Menu: Effects > Height Map</p>
Texturize effect Author: MichaelVinther Topic: 14278	<p>Add a texture to a photo or image by changing the pixels brightness (based on the gradient of the texture).</p> <p>Type: Effect Released: 23 Mar 2009 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: Texturize.dll Menu: Effects > Artistic</p>
Deprecated That other app v2.2 Author: Simon Brown Topic: 13005	<p>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</p> <p>Type: Effect Released: 12 Aug 2008 Status: Deprecated Compatibility: 3.5.x, 4.0x DLL Name: ThatOtherApp.dll Menu: Effects > Tools</p>
ThatOtherApp Plus Author: null54 Topic: 116253	<p>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.</p> <p>Type: Effect Released: 14 Apr 2020 Status: Active Compatibility: 4.2+ DLL Name: ThatOtherAppPlus.dll Menu: Effects > Tools</p>
Thermal Heat Map Author: Ego Eram Reputo Topic: 20672	<p>Create a thermal representation of an image where brightness becomes 'heat' and dimness becomes 'cool'.</p> <p>Type: Effect Released: 23 Dec 2010 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: ThermalHeatMapEffect.dll Menu: Effects > Distort</p>
Thorn Fractal Author: Reptillian Topic: 117354	<p>Fractal (Strange Attractor) generator. Ported from G'MIC-QT. Source code available (released under CeCILL v2.0)</p> <p>Type: Effect Released: 11 Mar 2020 Status: Active Compatibility: 4.2+ DLL Name: Thorn Fractal.dll Menu: Effects > Render</p>

	<p>Threshold Author: Ed Harvey Topic: 1768</p>	<p>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</p>
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>
	<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: Active Compatibility: 4.2+ DLL Name: TileCount.dll Menu: Effects > 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 > 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 & CurtisBlack.Common.dll Menu: Effects > Distort</p>
	<p>Tiled Form Author: Reptillian Topic: 117492</p>	<p>Create tiled shape into the canvas. The colors are found utilizing volumetric image of weighted average, and z-convolution on the z-axis if applied (More details on thread). Source code available. Note non-standard installation due to requisite supporting GmicSharpNative files. Type: Effect Released: 12 May 2020 Status: Active Compatibility: 4.2+ DLL Name: TiledFormGmicPDN.dll & supporting folder/files GmicSharpNative Menu: Effects > 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 > Distort</p>
	<p>TileWorld Author: Ego Eram Reputo Topic: 110911</p>	<p>Uses a point & 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 > Render</p>
Plugin Pack	<p>Tim's Effects Author: Tim! Topic: 14145</p>	<p>Contains: Rounded Rectangle v1.2 & 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 > Color</p>

Filetype	TinyPNG Author: toe_head2001 Topic: 31604	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
Plugin Pack	toe_head2001's Plugin Pack Author: toe_head2001 Topic: 109944	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 & 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
	Toggle Alpha Channel Author: wbeard52 Topic: 30207	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: ToggleAlphaChannel.dll Menu: Effects > Artistic
Plugin Pack	Toli's Effects Author: Toli Topic: 6828	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
Plugin Pack	Toli's Effects for v4.0 Author: null54 Topic: 28801	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
Filetype	Tom's Palette Format Author: EzArik Topic: 112698	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
	Tone Gradient Angle Author: Red Ochre Topic: 111532	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 > Stylize
	Tone Gradient Magnitude Author: Red Ochre Topic: 111577	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 > Stylize
	Toon Filter Author: ownage Topic: 1671	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 >
	Toon Shader Author: Smoke_Dev420 Topic: 15306	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 > Artistic

<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 > 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 > Object</p>
<p>TR's Alpha Mapper Author: TechnoRobbo Topic: 29957</p>	<p>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 ></p>
<p>TR's B&W Photo Author: TechnoRobbo Topic: 26811</p>	<p>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</p>
<p>TR's Bokeh Author: TechnoRobbo Topic: 26826</p>	<p>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</p>
<p>TR's Brush Strokes Author: TechnoRobbo Topic: 31402</p>	<p>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</p>
<p>TR's Cloud Control Author: TechnoRobbo Topic: 26713</p>	<p>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</p>
<p>TR's Color Reducer and palette maker Author: TechnoRobbo Topic: 29424</p>	<p>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</p>
<p>TR's Color Wave Author: TechnoRobbo Topic: 31420</p>	<p>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</p>
<p>TR's Colorizer HMS Author: TechnoRobbo Topic: 26739</p>	<p>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</p>
<p>TR's Contour Filler Author: TechnoRobbo Topic: 26854</p>	<p>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</p>
<p>TR's Coquin Graduated Filter Author: TechnoRobbo Topic: 26875</p>	<p>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</p>

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
TR's Custom Palette Matcher Author: TechnoRobbo Topic: 27677	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 > Color
TR's Custom Random Filler Author: TechnoRobbo Topic: 30002	Fills the layer or selection with multiple copies of a specified png in varying sizes and rotation. Previously known as TR's Custom Shape Filler. Type: Effect Released: 18 Sep 2014 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: TRsCustomRandomFill.dll Menu: Effects > Render
TR's Displacement Map Author: TechnoRobbo Topic: 26553	Enlargement/distortion effect. v2.1+ released by Toe_Head 20 Sep 2019 (bug fixes & performance). Type: Effect Released: 06 Aug 2013 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: DispMap.dll Menu: Effects > Distort
Deprecated	TR's Distort This! Author: TechnoRobbo Topic: 26672 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 > Distort
TR's Dodge and Burn Author: TechnoRobbo Topic: 32126	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 & luminosity. Many other photography type options. Type: Effect Released: 08 Oct 2015 Status: Active Compatibility: 4.0+ DLL Name: TRsDodgeBurn.dll Menu: Effects > Photo
TR's DoodleMatic Author: TechnoRobbo Topic: 27154	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 > Artistic
TR's DrumSkin Author: TechnoRobbo Topic: 28103	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 > Distort
TR's Edge Fader Extreme Author: TechnoRobbo Topic: 26479	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 > Object
TR's Export Selection Author: TechnoRobbo Topic: 29969	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 > Selection
TR's Filaments Author: TechnoRobbo Topic: 31501	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 > Iterative Lines

<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 > 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: TRsFilmStripPglIn.dll, AxInterop.WMPLib.dll and Interop.WMPLib.dll Menu: Effects > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > Noise</p>
<p>TR's KeyFrame Author: TechnoRobbo Topic: 32090</p>	<p>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</p>
<p>TR's KlumpNoiz Author: TechnoRobbo Topic: 28165</p>	<p>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</p>
<p>TR's Monolithic (3D Text Generator) Author: TechnoRobbo Topic: 108312</p>	<p>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</p>
<p>TR's Morpher Author: TechnoRobbo Topic: 107499</p>	<p>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</p>
<p>TR's PanoPDN Panoramic Viewer Author: TechnoRobbo Topic: 28097</p>	<p>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</p>
<p>TR's Paste Frame Author: TechnoRobbo Topic: 30192</p>	<p>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</p>
<p>TR's Paste Warp Author: TechnoRobbo Topic: 28298</p>	<p>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</p>
<p>TR's Pixel Puller Author: TechnoRobbo Topic: 27046</p>	<p>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</p>
<p>TR's Pixel Pusher Author: TechnoRobbo Topic: 26836</p>	<p>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</p>
<p>TR's Pixel Sharpener Author: TechnoRobbo Topic: 26783</p>	<p>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</p>

<p>TR's Plasmatix Author: TechnoRobbo Topic: 28238</p>	<p>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</p>
<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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 & Back views. Type: Effect Released: 26 Mar 2014 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: TRsSphereCuber.dll Menu: Effects > 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 > 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 > Photo</p>
<p>TR's Str8Edge Tool Author: TechnoRobbo Topic: 26892</p>	<p>Smooths 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > 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 > Object</p>

Trail 3d Author: n d Topic: 19870	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 > Object	
Trail Blur Author: MJW Topic: 112835	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 > Blurs	
Unsupported	TransitionalBrush Author: Simon Brown Topic: 10672	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 > Tools
	Transparency Adjustment Effect Author: BoltBait Topic: 2800	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 >
Transparency RGB Author: ReMake Topic: 116340	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 >	
Transparent to Transparent Black Author: MJW Topic: 111800	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 >	
Transparent to Transparent White Author: MJW Topic: 113725	Converts all transparent pixels to transparent white. Type: Adjustment Released: 25 Jan 2019 Status: Active Compatibility: 4.1+ DLL Name: TransparentToTransparentWhite.dll Menu: Adjustments >	
TreeGen Author: MadJik Topic: 7186	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 > Render	
Triangular Gradient Author: Enormator Topic: 18395	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 > Render	
Trippy Rainbow Author: pavlik1307 Topic: 112678	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 > Color	
True Blur Author: Ed Harvey Topic: 18811	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 & EdHarvey.Effects.pdb Menu: Effects > Blurs	

<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 > 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 > 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 & TurbulentCircles.dll Menu: Effects > 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 > 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 & TwainablePlus.dll Menu: Effects > 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 > Artistic</p>
<p>Tweak Transparency Author: Red Ochre Topic: 21990</p>	<p>Thicken outlines, set transparency minima & maxima, bevels & shadow/halo effects Type: Effect Released: 27 Jun 2011 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: Tweaktrans2.dll Menu: Effects > Transparency</p>
<p>Twist Author: pyrochild Topic: 18655</p>	<p>Twist a portion of an image. Configurable size & 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 > 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 > 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 ></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 > Render</p>

UnAlpha Author: doverdemon77 Topic: 27284	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 > Color
Unblend Author: ArgusMagnus Topic: 32165	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 > Color
Unblend Author: Legorol Topic: 28014	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 >
Unselected Rectangle Keeper Author: MJW Topic: 110593	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 > Selection
Unsharp Mask Author: romein Topic: 8415	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 > Photo
Upload to... V2.0 Author: Simon Brown Topic: 13242	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 & SBCommon.dll Menu: Effects > Tools
Vanishing point Author: Red Ochre Topic: 110637	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 > Composition
Vanishing Trails Author: MJW Topic: 116830	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 > Object
Filetype Vantage Preview Images (.VBP) Author: mchansy Topic: 14711	Support for Vantage Sat Receiver Preview Images. Type: Filetype Released: 05 Apr 2009 Status: Active Compatibility: Untested DLL Name: VbpFileType.dll Menu: N/A
Varicose Author: jchunn Topic: 8179	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 > Render
Varicose 2 Author: MadJik Topic: 112488	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 > Stylize

	<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 > Distort</p>
	<p>Vibrato Author: MadJik Topic: 3691</p>	<p>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</p>
	<p>View Framer Author: MJW Topic: 110218</p>	<p>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</p>
	<p>Vignette Author: Ed Harvey Topic: 18811</p>	<p>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</p>
	<p>Vignette+ Author: BoltBait Topic: 28500</p>	<p>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</p>
	<p>Vignette1 Author: sradforth Topic: 17732</p>	<p>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</p>
Obsolete	<p>Vignetting Filter Author: alexb Topic: 20012</p>	<p>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</p>
	<p>Vitrious Author: Ed Harvey Topic: 18811</p>	<p>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</p>
	<p>Volutes Author: MadJik Topic: 14478</p>	<p>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</p>
FileType	<p>VTF Plug-In (1.0.4) Author: Nem Topic: 3254</p>	<p>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</p>
	<p>Water Reflection Author: MadJik Topic: 2482</p>	<p>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</p>

	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	WMF (Windows Metafile) Author: Bruce Bowyer-Smyth Topic: 17950	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 & WPFGLI.dll Menu: N/A
	Wobble Author: Ed Harvey Topic: 18811	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 & EdHarvey.Effects.pdb Menu: Effects > Distort
	Woven Photo Author: Ego Eram Reputo Topic: 111916	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 > Texture
Filetype	WSQ file type Author: odalet Topic: 26657	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
	X Rainbow bars Author: person_321 Topic: 16094	Renders horizontal bars of rainbow hues. Found in Person_321's Texture & Color Plugins Type: Effect Released: 02 Jul 2009 Status: Active Compatibility: 3.5.x, 4.0x DLL Name: X Rainbow bars.dll Menu: Effects > Render
Filetype	xBRZ Upscaling PNG Filetype Author: Intrepidis Topic: 117672	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: Active Compatibility: 4.2+ DLL Name: Resize_xBRZ.dll & xBRZNet.dll Menu: N/A
Filetype	XCF filetype Author: Martin Osieka Topic: 23650	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
Filetype	XNB format Author: r2d2rigo Topic: 21981	Loads XNA 4 uncompressed Texture2D & 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
Filetype	XPM File Type plugin Author: naylorjs Topic: 14512	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>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 > Texture</p>
	<p>Zigzag ray (aka eShape_umabob) Author: myxplyx 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 ></p>
Filetype	<p>ZIP Archive FileType Author: Martin Osieka Topic: 31996</p>	<p>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</p>
	<p>zKaleidoscope Author: zaya Topic: 114894</p>	<p>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</p>
Deprecated	<p>Zoom Blur Deluxe Author: dake Topic: 3122</p>	<p>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</p>
	<p>Zoom Blur Deluxe for PDN4 Author: null54 Topic: 32178</p>	<p>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</p>