

# GIMP 2.7.0 Development Release

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The release of GIMP 2.7.0 is a first step towards GIMP 2.8, the next stable release. Please note that this is an unstable development snapshot.

## Changes in GIMP 2.7.0

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### UI:

- Change the Text Tool to perform text editing on-canvas (GSoC 2008)
- Add support for tagging GIMP resources such as brushes and allow filtering based on these tags (GSoC 2008)
- Separate the activities of saving an image and exporting it, there is now an 'File->Export...' for example
- Port file plug-ins to new export API which gets rid of many annoying export dialogs
- Add a simple parser to size entry widgets, images can be scaled to e.g. "50%" or "2 \* 37px + 10in"
- Arrange layer modes into more logical and useful groups
- Added support for rotation of brushes
- Make the Pointer dockable show information about selection position and size
- Get rid of the Tools dockable and move toolbox configuration to Preferences
- Add status bar feedback for keyboard changes to brush parameters
- Add diagonal guides to the Crop Tool
- New docks are created at the pointer position
- Add support for printing crop marks for images
- Move 'Text along path' from tool options to text context menu
- Change default shortcuts for "Shrink Wrap" and "Fit in Window" to Ctrl+R and Ctrl+Shift+R respectively since the previous shortcuts are now used for the save+export feature
- Make Alt+Click on layers in Layers dockable create a selection from the layer
- Allow to specify written language in the Text Tool

## Plug-ins:

- Map the 'Linear Dodge' layer mode in PSD files to the 'Addition' layer mode in GIMP
- Add JPEG2000 load plug-in
- Add X11 mouse cursor plug-in
- Add support for loading 16bit (RGB565) raw data
- Add palette exporter for CSS, PHP, Python, txt and Java, accessed through palette context menu
- Add plug-in API for getting image URI, for manipulating size of text layers, for getting and setting text layer hint, and for unified export dialog appearance

## Data:

- Add large variants of round brushes and remove duplicate and useless brushes
- Add "FG to BG (Hardedge)" gradient

## GEGL:

- Port the projection code, the code that composes a single image from a stack of layers, to GEGL
- Port layer modes to GEGL
- Port the floating selection code to GEGL
- Refactor the layer stack code to prepare for layer groups later
- Prepare better and more intuitive handling of the floating selection
- Add File->Debug->Show Image Graph that show the GEGL graph of an image
- Allow to benchmark projection performance with File->Debug->Benchmark Projection
- When using GEGL for the projection, use CIELCH instead of HSV/HSL for color based layer modes

## Core:

- Make painting strokes Catmull-Rom Spline interpolated
- Add support for arbitrary affine transforms of brushes
- Add support for brush dynamics to depend on tilt
- Add aspect ratio to brush dynamics
- Add infrastructure to soon support vector layers (GSoC 2006)
- Rearrange legacy layer mode code to increase maintainability
- Drop support for the obsolete GnomeVFS file-uri backend
- Allow to dump keyboard shortcuts with File->Debug->Dump Keyboard Shortcuts

## Shortcuts

- Prepare data structures for layer groups
- Remove gimprc setting "menu-mnemonics", "GtkSettings:gtk-enable-mnemonics" shall be used instead
- Remove "transient-docks" gimprc setting, the 'Utility window' hint and a sane window manager does a better job
- Remove "web-browser" gimprc setting and use `gtk_show_uri()` instead

General:

- **Changed licence to (L)GPLv3+**
- Use the automake 1.11 feature 'silent build rules' by default
- Lots of bug fixes and cleanup

[www.gimp.org](http://www.gimp.org) [2]

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[GIMP](#)

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**Source URL:** <http://www.tuxmachines.org/node/38917>

**Links:**

[1] <http://www.tuxmachines.org/taxonomy/term/129>

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