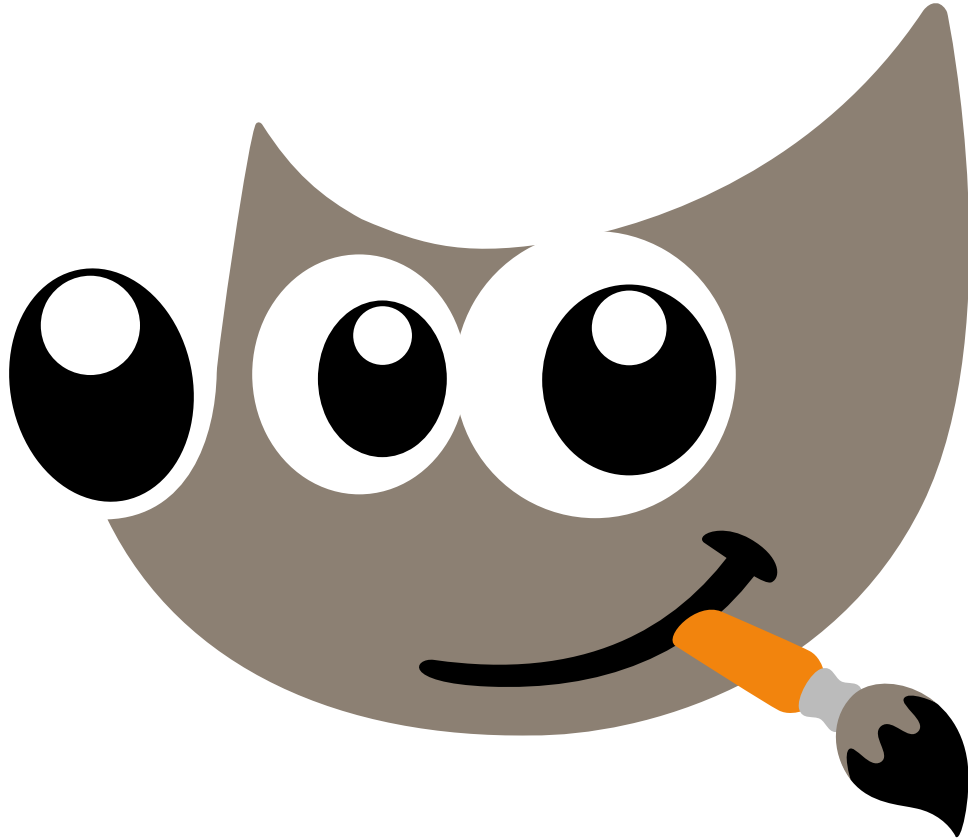
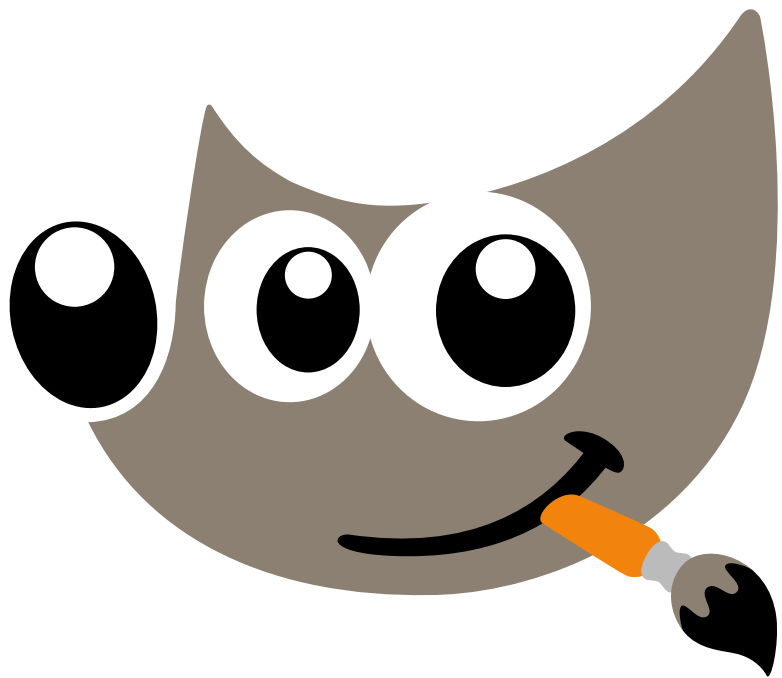


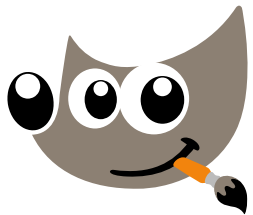
GIMP 3.0 and beyond





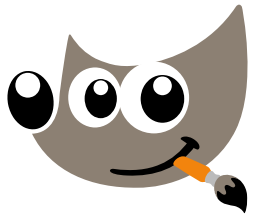
GIMP 2.10

Current stable release
status



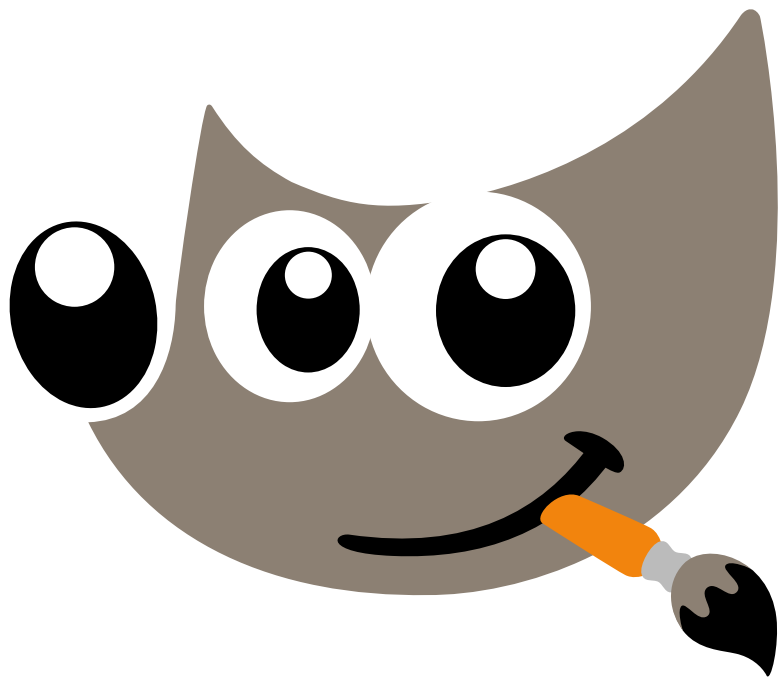
GIMP 2.10

- GIMP 2.10.0 released on 2018-04-27
- 20 stable releases of 2.10.x series (roughly 3 releases a year on average)
- New features at every micro release (new release policy)
- Example of new features:
 - Auto straighten in Measurement tool (2.10.2)
 - Vertical text in Text layers (2.10.4)
 - Fill by line art detection (2.10.8)
 - “Show All” view mode (2.10.14)
 - New 3D Transform Tool (2.10.26)
 - Ability to resize canvas in crop tool (2.10.20)
 - And way more!
- *gimp-2-10* branch is 9792 commits long so far (since branching out from *gimp-2-8*)

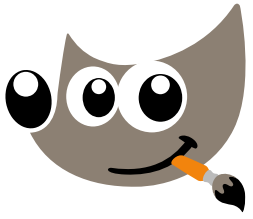


Download stats

- Our latest version of GIMP 2.10 (GIMP 2.10.38) has been downloaded (at writing time – stats from MirrorBits):
 - gimp-2.10.38-setup-1.exe: 7,085,022 times (revision 1 since 2024-10-03)
 - gimp-2.10.38-x86_64-1.dmg: 428,782 times (revision 1 since 2024-05-22)
 - gimp-2.10.38-arm64-1.dmg: 784,190 times
 - Stable flatpak on Flathub: 479,690 times since the last build on 2024-09-14.
- This is an average of a bit more than 50k downloads for Windows, nearly 5k for macOS and nearly 3500 downloads on Flathub **every day**.
- This doesn't include: people installing from Linux distributions, *BSD, etc., people using development versions, the ones installing from intermediary websites...

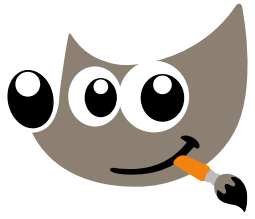


GIMP 3



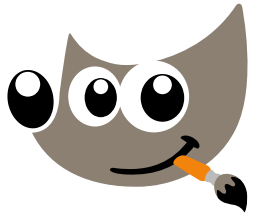
GTK 3

- Improved graphics tablet support
- Touch input support
- Tablet pad interaction
- Hotplug for tablets
- High pixel density displays
- Wayland support
- ...



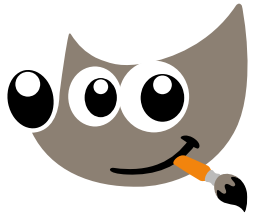
Space Invasion

- Color correctness
- Better codebase maintainability
- Faster (float-based) computation
- Early CMYK implementation



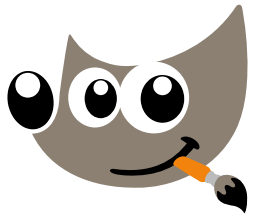
UX Improvements

- Multiple active layers
- Less floating selections
- Soft-proofing made easier
- Welcome dialog
- ...



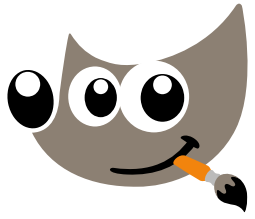
File Format support

- Much better PSD support
- DDS (BC7, and more)
- HEIF (HEIC/AVIF), WebP, JXL...
- BMP
- TIFF (BigTIFF, custom metadata, reduced images, GeoTIFF...)
- FITS
- ...



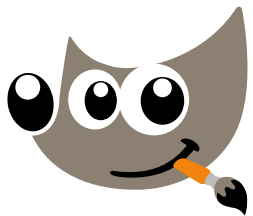
Non-Destructive editing workflows

- Layer effects!
- Paving the way for more non-destructive editing...



Extending GIMP






























- Updated plug-in API
- Bindings: Script-Fu, Python 3, Lua, Javascript, Vala and more.
- GEGl operations (filters).



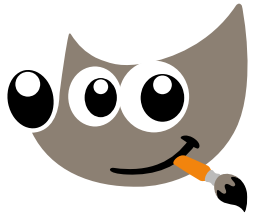
Contributors

- Solid core team
- Back at GSoC

Top Contributors

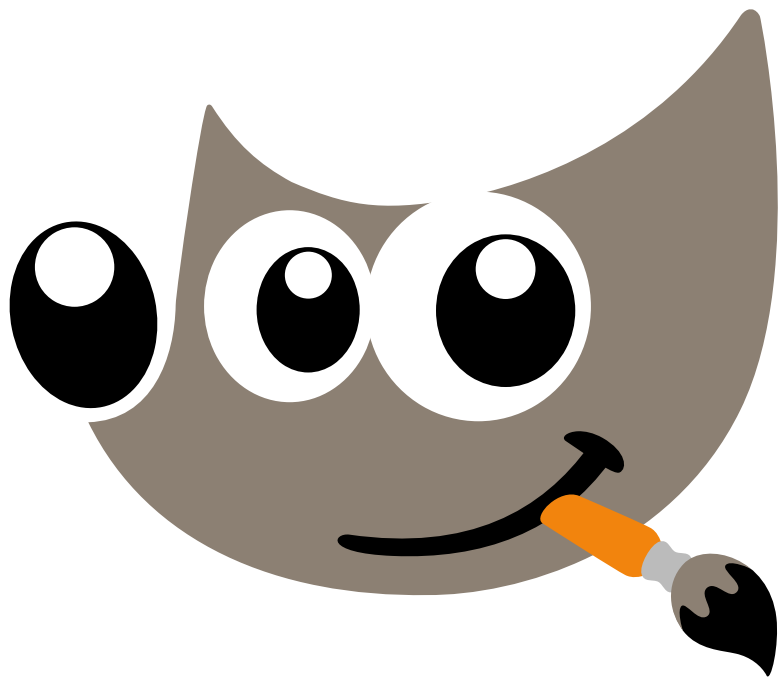
Name	Kudos	12 Month Commits	All Time Commits	5 Year Trend	Primary Language	First Commit	Last Commit
 Jehan <i>(Maintainer)</i>		699	5089		C	over 12 years ago	5 days ago
 Alx Sa		378	657		C	over 2 years ago	7 days ago
 Bruno		268	268		shell script	8 months ago	6 days ago
 Bruno Lopes da Silva		98	146		shell script	over 6 years ago	8 months ago
 Yuri Chornoivan		86	441		C	almost 5 years ago	23 days ago
 lloyd konneker		72	107		C	almost 4 years ago	6 days ago
 Anders Jonsson		69	294		C	about 10 years ago	24 days ago
 Luming Zh		68	136			about 3 years ago	19 days ago
 Wormnest <i>(GIMP developer)</i>		66	417		C	over 4 years ago	11 days ago
 Kolbjørn Stuestøl		61	77			over 15 years ago	10 days ago

Stats by OpenHub

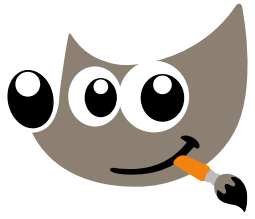


Where are we?

- RC1: released on 2024-11-04
- RC2: released on 2024-12-27
- RC3: any day now...
- Maybe the last RC?



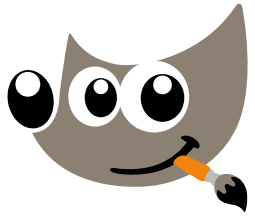
Future



Roadmaps

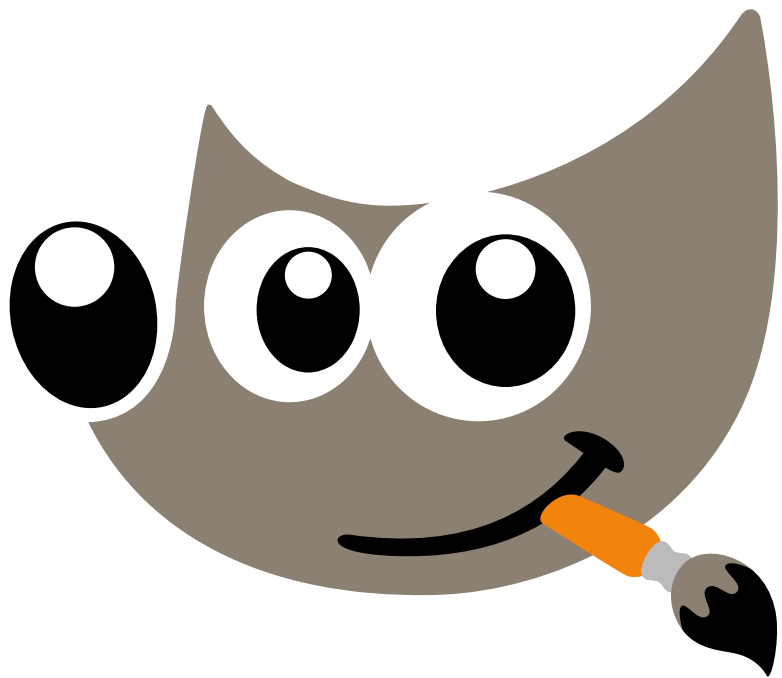
- More non-destructivity
- More space invasion
- UX improvements
- Better text support
- Empowered creators: extensions
- XCF revisited
- Other features of interest: animation, multi-page, macros...

See: <https://developer.gimp.org/core/roadmap/>

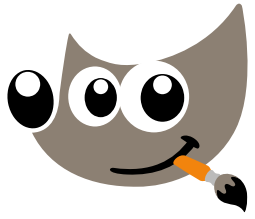


ctx

DEMO!



**Not everything is
code!**

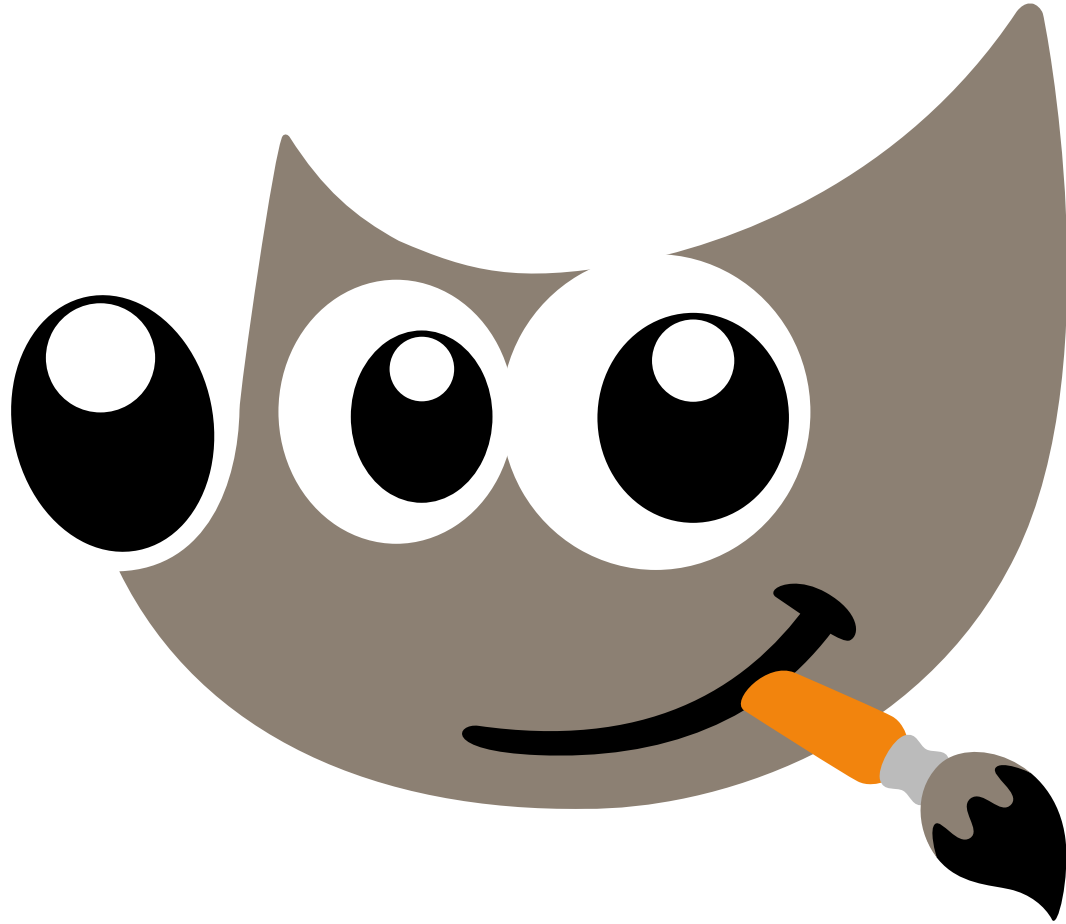


Logo

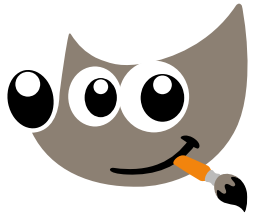
- Updated flat and simplified logo
- Made by the whole team, project headed by Aryeom as main designer



GIMP logo, by Jakub Steiner (2008), Creative Commons by-sa 3.0



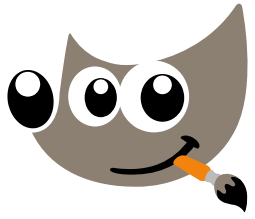
GIMP logo, by Aryeom and GIMP team, Creative Commons by-sa 4.0 International



Working on a Design Team

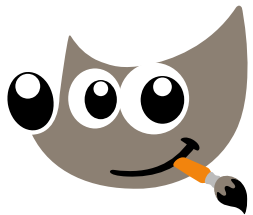
<https://gitlab.gnome.org/Teams/GIMP/Design/gimp-ux/>





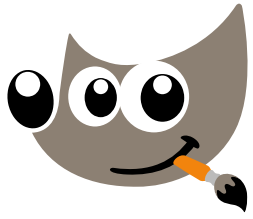
Versioning

- Back to semantic-like versioning (like in 2.8): features on minor-point releases; bug-fixes on micro-point releases.
- Yet much faster feature releases (2.10-like), i.e. minor point releases every few months.



Infrastructure

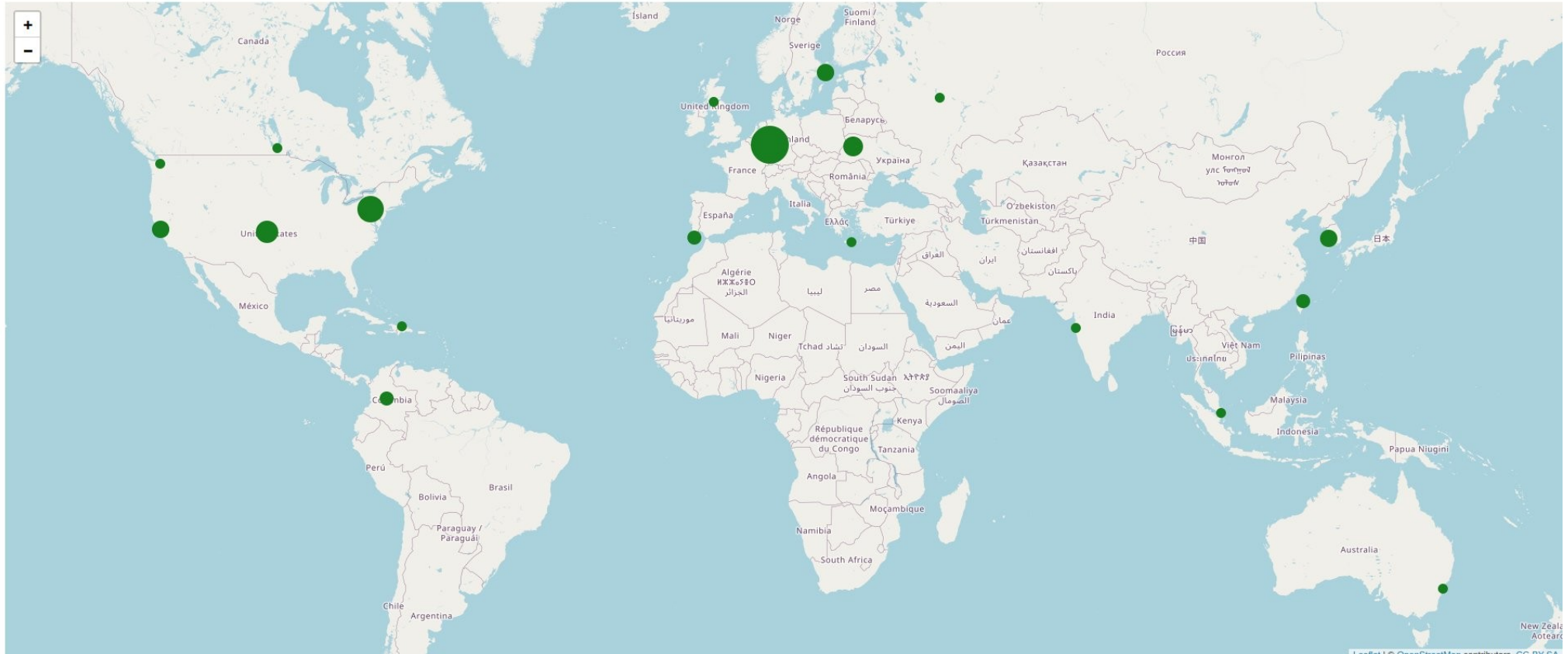
- Meson port
- Gitlab Continuous Integration for: Linux (64-bit) and Windows (32 and 64-bit, x86 and Aarch64)
- External CI for macOS (Aarch64 and x86_64)
- Automatic release packages: Flatpak, universal Windows installer (3-archs), MS Store and 2 macOS packages
- New AppImage
- More testing (plug-ins, libgimp, PDB...)
- Documentation project alive and kicking!
- New developers website
- MirrorBits infrastructure (59 mirrors)

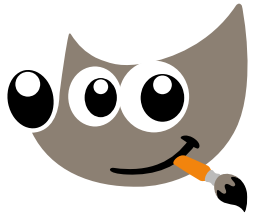


Infrastructure

Mirrorbits 

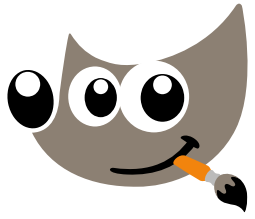
Mirrorstats





Community

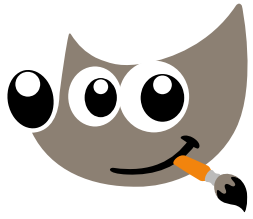
- 349 books reported published on GIMP, including 44 for GIMP 2.10.
- All types of creators using GIMP.
- More splash images from now on!



Community

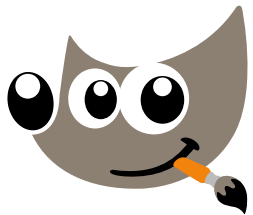


By Sevenix, CC by 4.0 international



Cover page of *nature*





More usage in Science



Jeff Struven @jstroov · 2 years ago

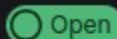
Author




Hi Jacob, Thanks for replying to my issue. The medical device we're developing scans slides at high magnification. The software we are developing for the device generates what we call a pyramid TIFF file where the first directory entry is the whole slide image roughly 90,000x100,000 pixels. The next directory entry is a reduced image that is half the size in each width and height of the whole slide image. The next directory entry is a reduced image that is 1/4th the size in each width and height of the whole slide image. And so on. These images run about 1.5 GB to 4.2 GB so I'm not sure where I could put one so you could work with it. Regards,Jeff

citing gimp in research?

Edit

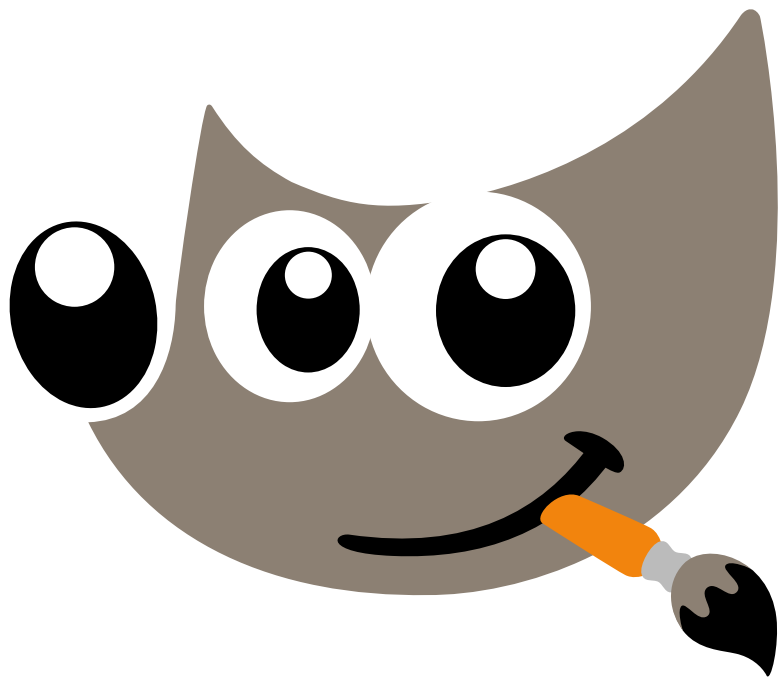


Open  Issue created 18 hours ago by **Cameron Leahy**

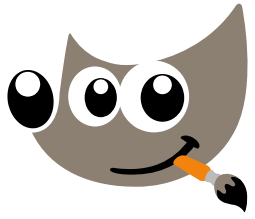
Hi,

Sorry if this is not quite the right place to post this, but I wanted to make sure it got viewed by someone who could answer my question. I am using gimp in my research (astronomical image processing) for various reasons, and I was wondering if there was a way to cite gimp. It performs an important step in my algorithm (it's not like I'm just using it to touch up plots) so I think it definitely deserves a citation, but I'm not sure how to do this. So please let me know if there's a way I can cite gimp.

Thanks, Cam

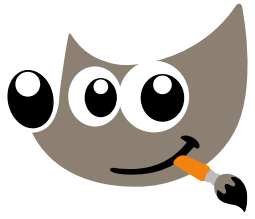


Organization



Working on Funding

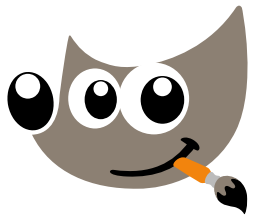
- Upholding the community;
- Funding development;
- And more!...



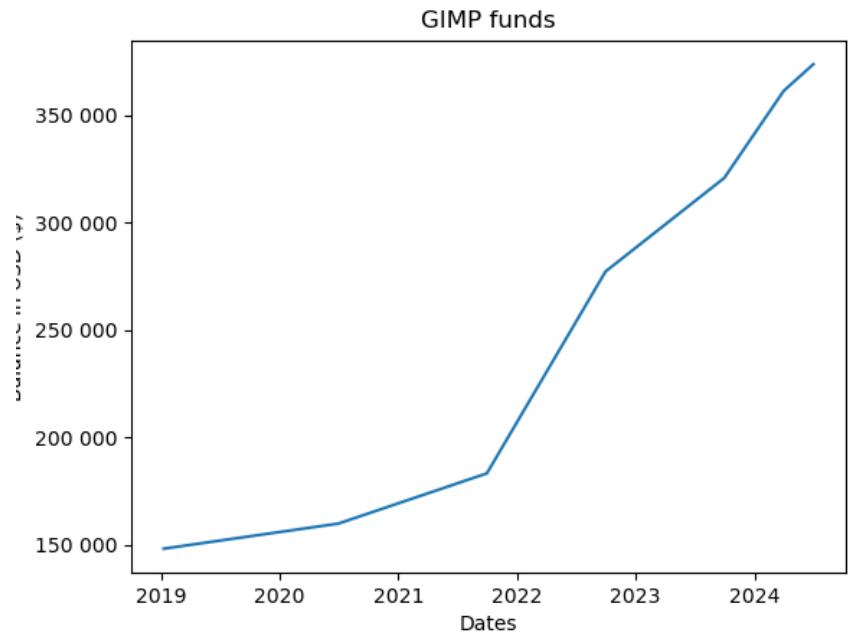
GIMP Committee

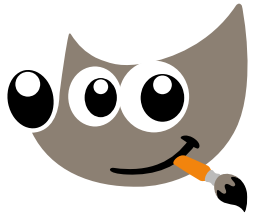
Committee to manage funds with 8 long-time contributors:

- Akkana Peck
- Aryeom Han
- Jehan Pagès
- Liam Quin
- Michael Schumacher
- Patrick David
- Simon Budig
- Ville Pätzi



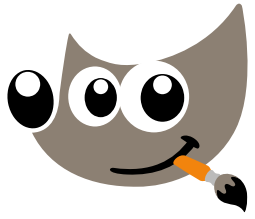
Funds





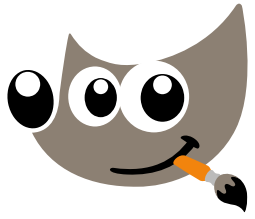
Bitcoin 🥲

- We had a wallet from years ago
- Funds accumulated
- We stopped proposing bitcoin in 2023 (Wilber Week 23 decision)
- Agreement with GNOME Foundation in 2024
- We started to move them...



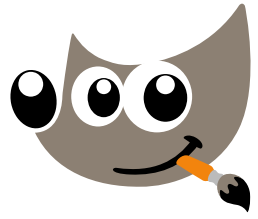
Grants

- Next step
- First 2 grants voted
- More to come



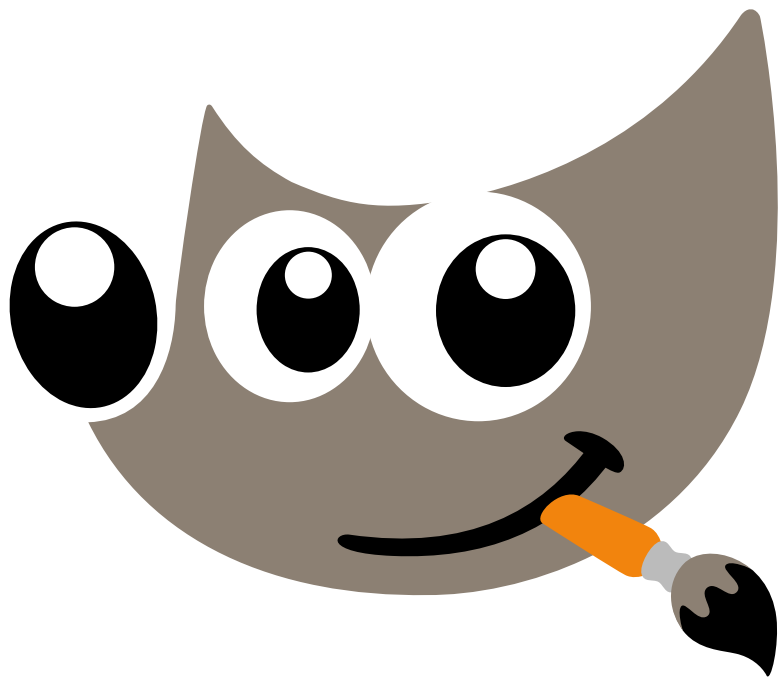
Helping other projects

- More artistic projects related to GIMP
- Help with funding for conferences
- Helping other Free Software needing help
- Helping other Community, Free Software is also helping ourselves



GIMP is Community, Free Software

- Community first
- People first
- Like a friendly neighbourhood



Questions?