

LIBRARY
MAPPING
GROUP
2017



Blender 2.70 release is out


The first of a new 2.7 series has been released! Work on UI improvements started, and a lot of features were added for Cycles render, motion tracking, animation, modeling, and so on.

Gooseberry Open Movie


Campaign has started! Six weeks of time to help us writing open source animation film making history.

[Read more »](#)



17 days left 

1,251 
10,000 supporters

110,897 
500,000 EUR

[Support us!](#)

Latest News

[Gecko Animation and Poked Studio's Characte...](#)
BlenderNation | March 30th

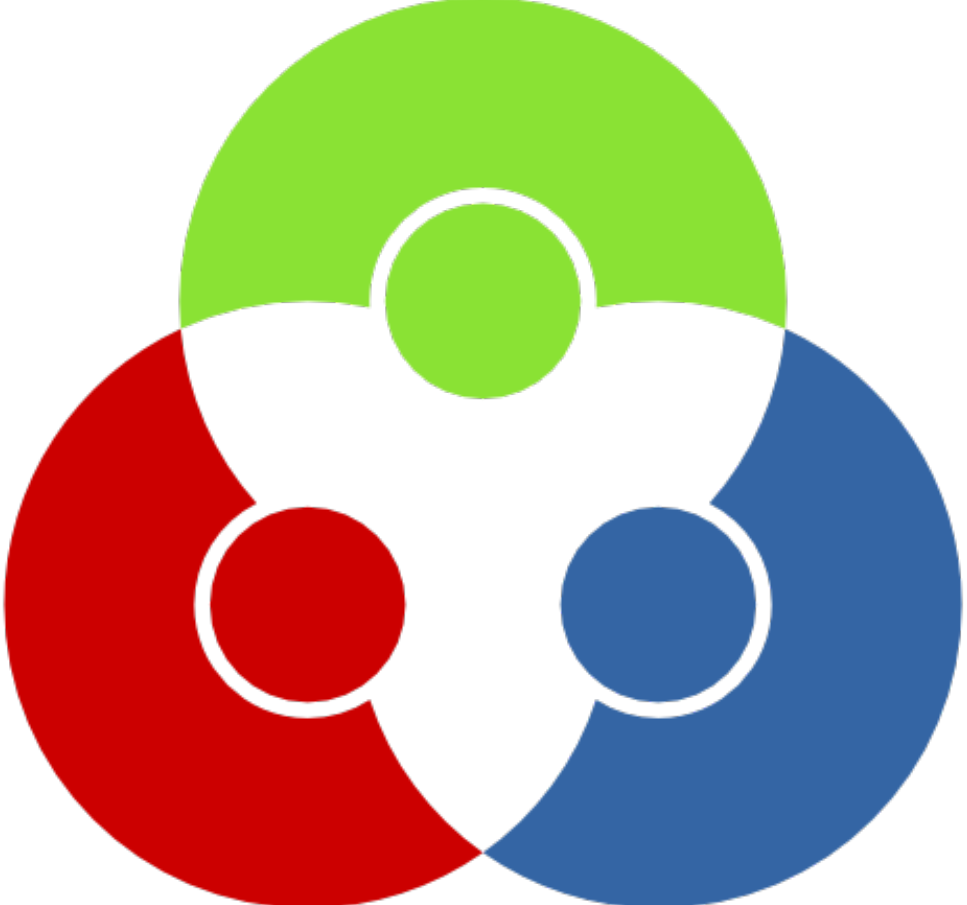
[Image: Gameboy](#)
BlenderNation | March 30th

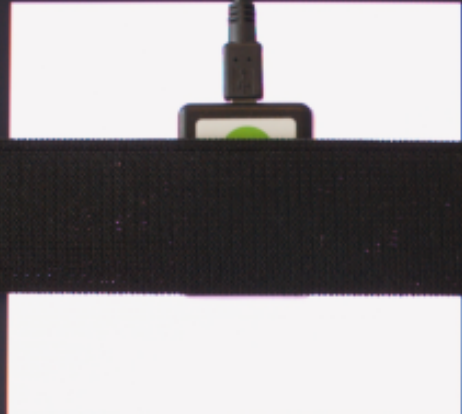
[Image: Fried Egg](#)
BlenderNation | March 29th

[Project Gooseberry, why it matters](#)
Press Releases | March 28th

[Network News - February 2014](#)
Blender Network | February 28th

[Read more news »](#)





Place your calibration device over the square and press 'Start'

Cancel

Start

HP LP2480zx

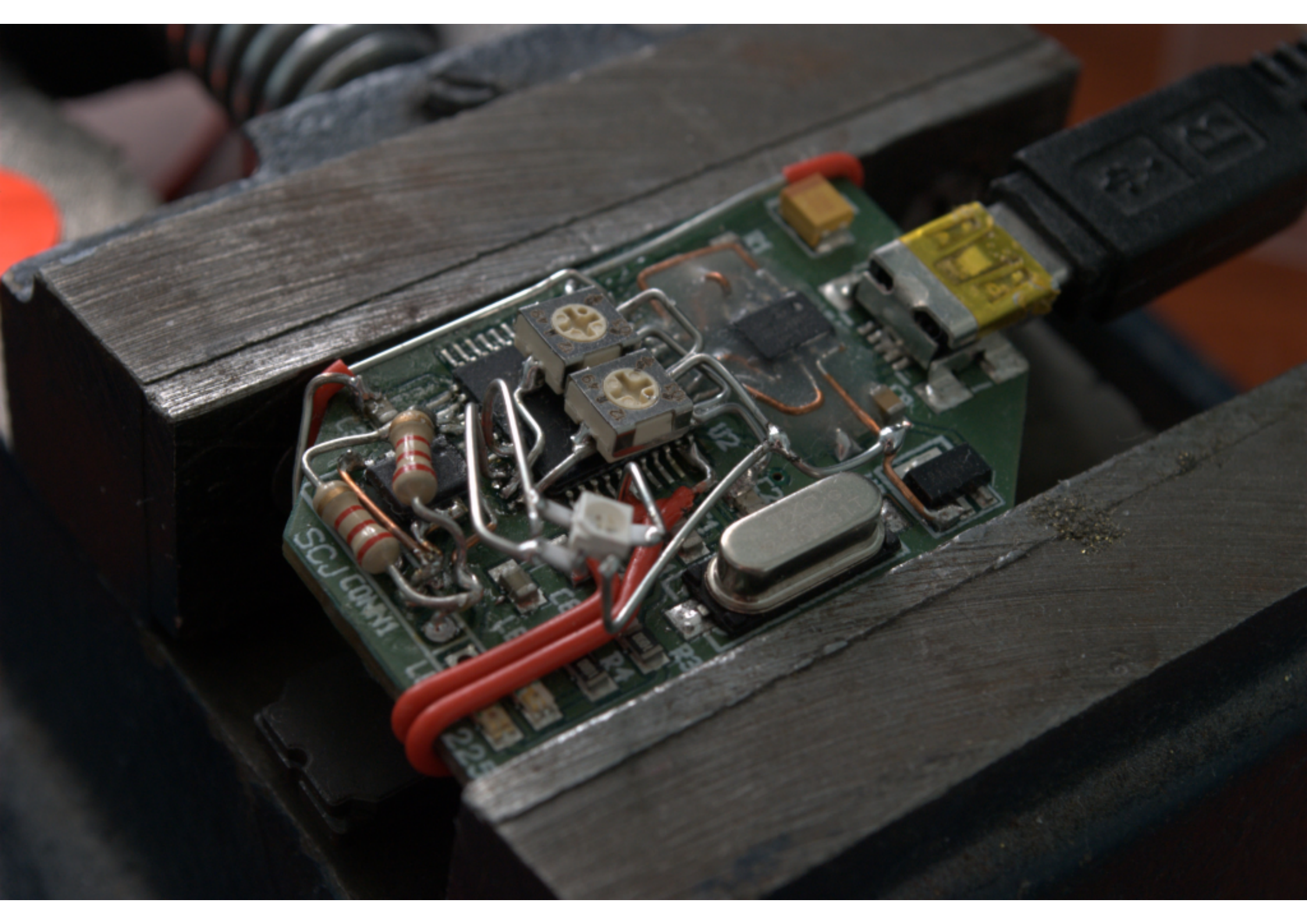


Quotation - Private & Confidential

Name Mr Richard Hughes
Company Hughski Ltd
Address [Redacted]
 [Redacted]
 [Redacted]

Quote No [Redacted]
Date 20th February 2014
Validity 30 days
Currency £
Payment Net 30 days
Lead time T.B.C
Delivery [Redacted]

Item	Description	Quantity	Unit Price	Ext. Price
GPL_NRE_HS	Non Recurring Engineering Costs Design Study & Implementation of Design	1	£10,000.00	£10,000.00
GPL_CH-2	Prototype Production Development and supplyv of 10 prototype units	1	£5,000.00	£5,000.00
			Subtotal	£15,000.00
			VAT 20.00%	£3,000.00
			TOTAL PRICE	£18,000.00





darktable
virtual lighttable and darkroom



last LGM presentation in 2010

darktable turns five this year – a good reason to show up again

since then we added many new image modules and workflow enhancements, and fixed a few bugs, too

<http://darktable.org/>



multi instances

image modules can be applied more than once
with different settings

masks

parametric masks and vector shapes that support
pressure sensitive input from tablets

noise profiling

darktable users have helped us profiling the
noise characteristics of many camera sensors

... and much more

feel free to talk to us



2011 | **2012** | **2013** | **2014**



222.214
visitors

Each month 18.500 new visitors



31 **NEW**
books

Blender for Printing 3D

Sésamath : how creat an
official educational book

LibreOffice Draw

Art of programming

Darktable

Fablab, Hackerspace

Processing
RepRap
Creat an Epub

KDE for developpers

Many new book for 2014 and your project book ?

OERT

- Typography Textbook used in the Faculty of Architecture Design + Urbanism at University of Buenos Aires
- CC-BY-SA
- Next: 'Live' version in Markdown, open for your participation:

live.oert.org

OERT

Open Educational Resources for Typography

Design With Fontforge

- Typeface Design Textbook
- CC-BY-SA
- Started in late 2012
as a FLOSS Manuals
Book Sprint at Google
- Next: Indian Scripts

designwithfontforge.com

DESIGN WITH FONTFORGE

A BOOK ABOUT HOW TO DESIGN NEW
TYPEFACES WITH FONTFORGE

Crafting Type

- Typeface Design Classes around the world
- Last Year: Singapore, Boston, Chicago, NYC, SF, Seattle, Dublin
- Next: Aix, Toronto, Your City!

craftingtype.com



FontForge

- Font Editor, GPLv3
- 100s of tweaks + fixes
- New: Live Pixel Preview
- New: Plugins
(iPython, Even)
- Next: More Plugins

fontforge.github.io



Metapolator

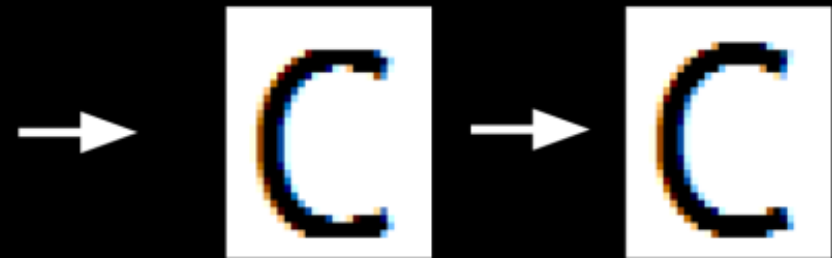
- Font Family Design Tool
- “METAFONT without coding”
- Standalone + FontForge plugin
- v1 used to make Sean fonts
- v2 AngularJS App underway

metapolator.com



FreeType + TTFAutoHint

- Amazing CFF Rendering (Thanks Adobe + Google!)
- TTFAutoHint v1.0
- Amazing GDI Rendering
- Cyrillic, Greek, Hebrew
- Next: More Scripts, Hint Customization, UI as FontForge Plugin



freetype.org/ttfautohint

Font Bakery

- Font Compiler + Checker
- Github UFO/TTX → TTF
- By Mikhail Kashkin, UA
- Apache v2, in Python (Flask)
- fontTools (Thanks Behdad!)
- FontForge (Thanks Frank!)

fontbakery.com



FONT
—
BAKERY

Google Fonts

- 1.4 Trillion Fonts Served
- BigQuery db of @font-face usage – eg, “Show 10 sites using ‘Source Sans Pro’ for 50%+ of their page text”
goo.gl/5HeqYf
- All Font Sources Now On
github.com/googlefonts



Font: EBGaramond.ufo Save

Ipsium file: [None] 1

Ipsium glyphs: Generate

Measurement lines

Snap gap [F2]

Snap	100
Gap	0.27
Tall glyph gap scaling	1000

Hugh's civilly Tulane reputes Pickett puffing oleo's package squeals sibyl's traded

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p u t e s



Mostly doesn't crash

Much faster





gimp



- Canvas Rotation
- IWarp Tool
- Seamless Clone Tool
- gexiv2 for Metadata
- Action Search
- Color Management Cleanup
- Tons of Bug Fixes and Improvements

gimp



- 11 More Plug-Ins Ported to GEGL
- Around 50,000 LOC Changed
- 26 Code Contributors
- 26 Translators

gimp

INKSCAPE



Draw Freely.

0.91 Upcoming release – summer / fall 2014

New rendering engine based on Cairo

Substantially reduced memory use

Cross-platform WMF and EMF import and export

New tracing algorithm for pixel art

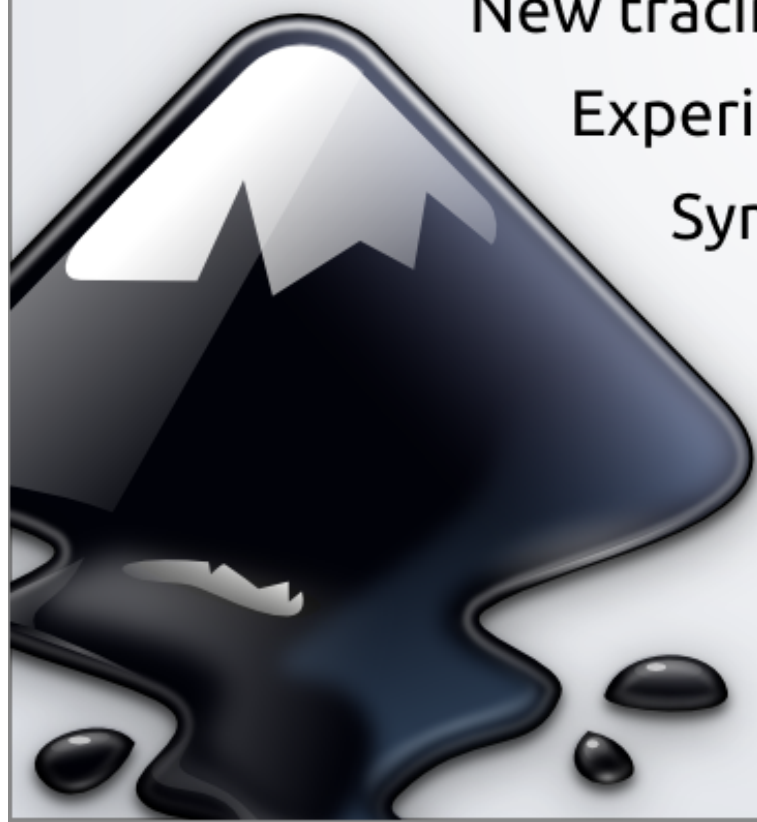
Experimental SVG 2 features

Symbols dialog – libraries of drawing elements

Measurement tool

Tons of improvements

Lots of internal refactoring





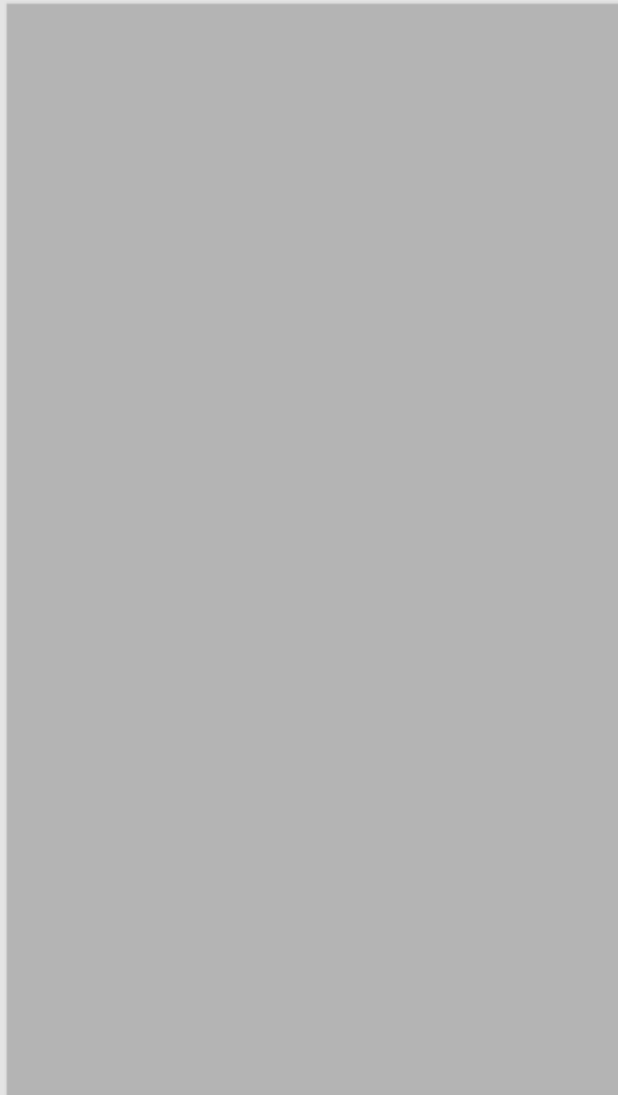
INKSCAPE
SVG VECTOR GRAPHICS EDITOR

now, next...goal

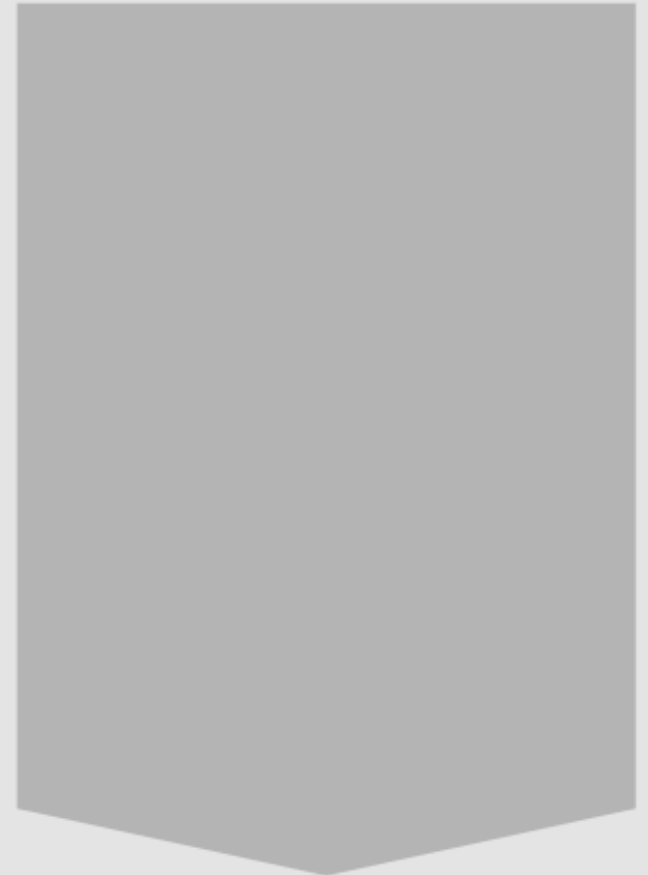
0.48



0.91



1.00



GEGl not only for image editing (video)

<http://gmic.sourceforge.net/>



G'MIC

GREYC's Magic for Image Computing

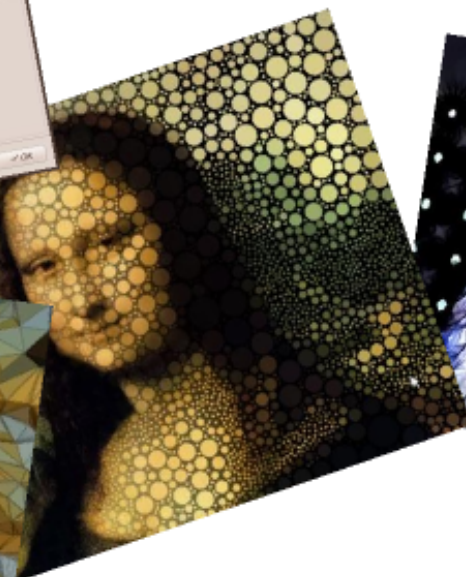
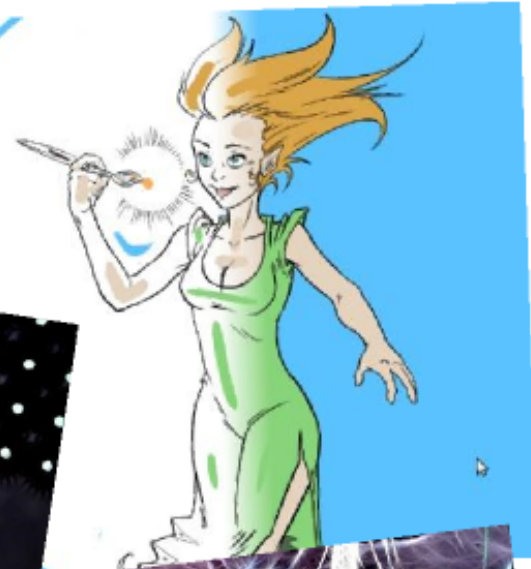
An open-source and full-featured framework providing several user interfaces to perform generic image processing operations (started in mid-2008).



MORE THAN **800** COMMANDS AND FILTERS



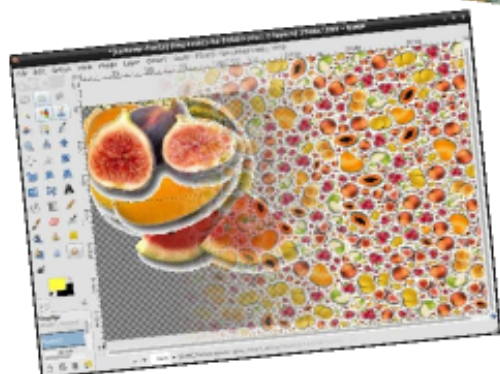
2013?

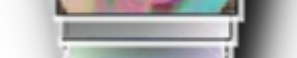
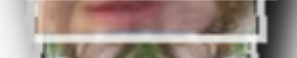
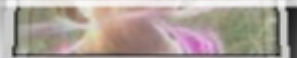
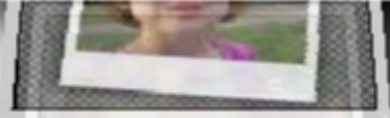
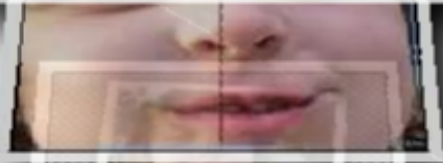
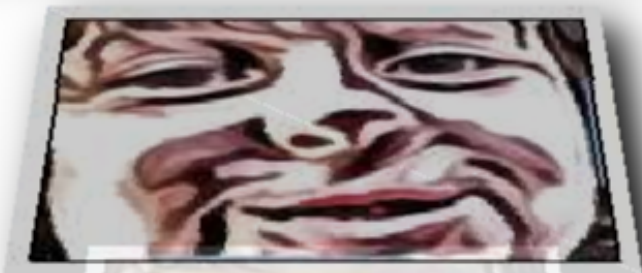
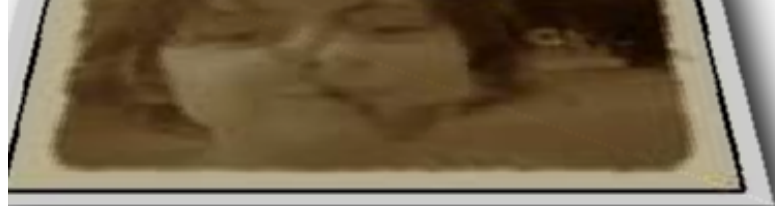


MORE THAN **100** FILTERS ADDED

PARALLELIZATION
PARALLELIZATION

STABILITY





2014 - ...?

TODAY, 14:50

Talk/Showcase

LONG-TERM

“Filters, filters, filters!”

Better G'MIC Integration

(Krita, GIMP [GEG], Others?)



Krita

Digital Painting. Creative Freedom.





Krita

Digital Painting. Creative Freedom.



2.6: February 2013



Krita

Digital Painting. Creative Freedom.



2.7: August 2013



Krita

Digital Painting. Creative Freedom.



2.8: March 2013

Creative Flow by Tyson Tan



This DVD teaches you how to call the muses to inspire yourself every-time and everywhere. Technique and knowledge will be our "words" and then the muses will appear. Color, Shape and Brushstrokes as your best friends in this epic episode of your artistic career.

This DVD cover lot of tips and tricks with more than 3 hours divided in 14 chapters and step by step painting process tutorials. Discover with me this long journey that covers beautiful ladies, elegance and subtle things that makes images pop up from the canvas. Krita will be our map.

Recorded in Spanish Audio with English subtitles (.srt) files

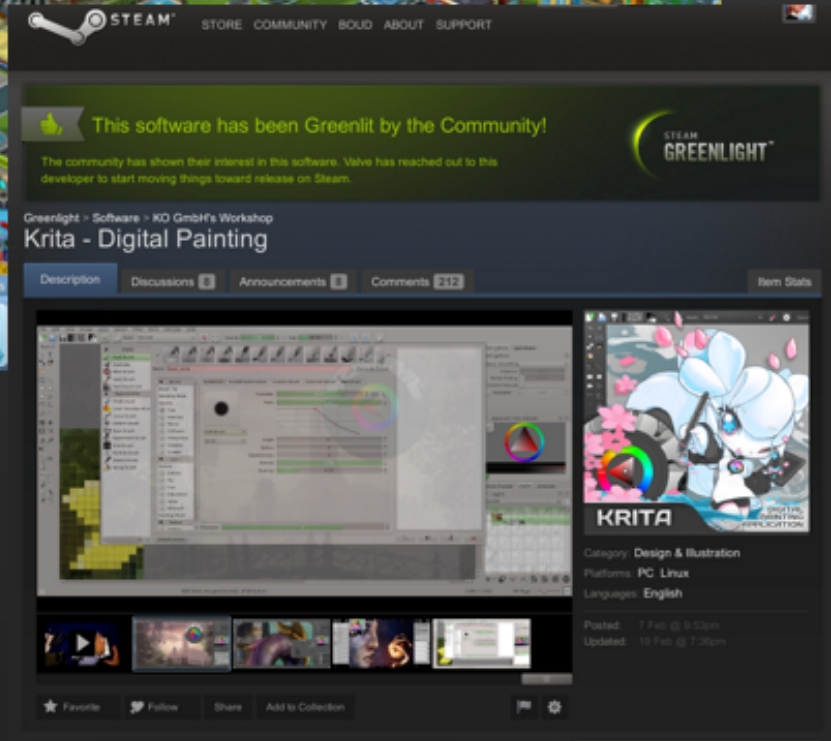


Muses Training DVD

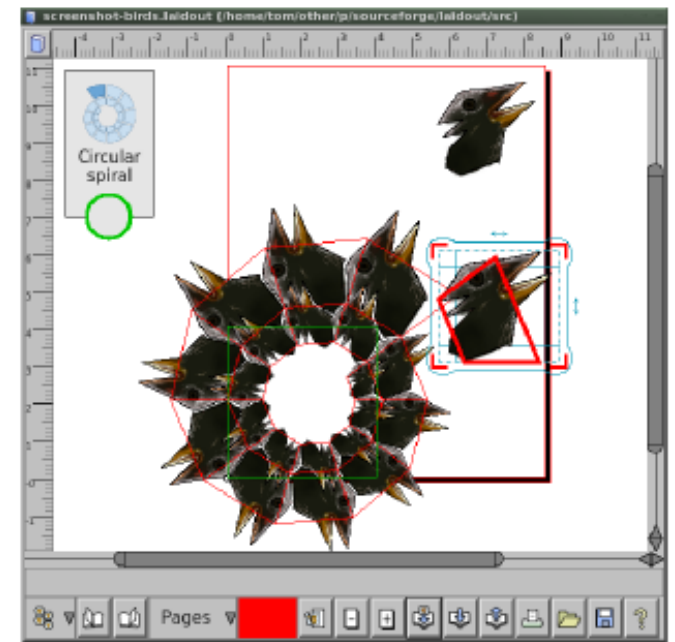
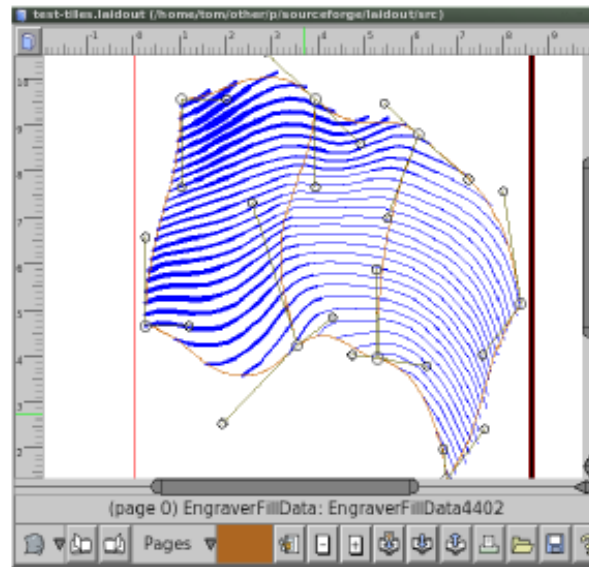
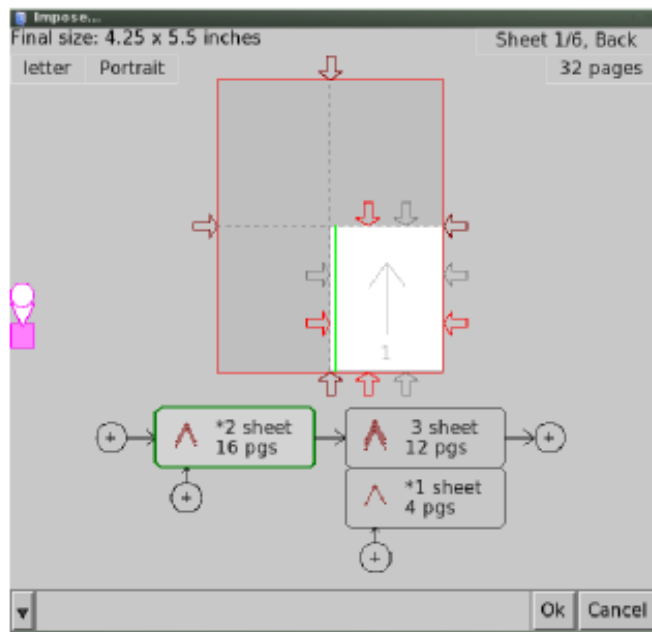
SuperCity by Playkot



Krita on Steam



Laidout ...



Digital Dump and Pickpic

parodyyellowstone

"It is no longer necessary to define paintings or to put a rectangle on portraits of Mona Lisa, now art can be downloaded, modified and uploaded again, with absolute delight."
Luther Blissett, Art Hacktivist

Dump is a digital recycling project based on sharing dumped files and providing different visual perspectives on them. It is based on a piece of software that allows users to easily share the contents of their personal computer trash can, and encourages them to habitually share dumped files. The internet repository that collects them is specifically designed for graphic design purposes and aims to have different benefits, in order to encourage diverse utilizations of the files.

Contribute to the dump at
<http://dump.parodyyellowstone.com>

LIBRE GRAP HICS

LIBREGRAPHICSMAG.COM



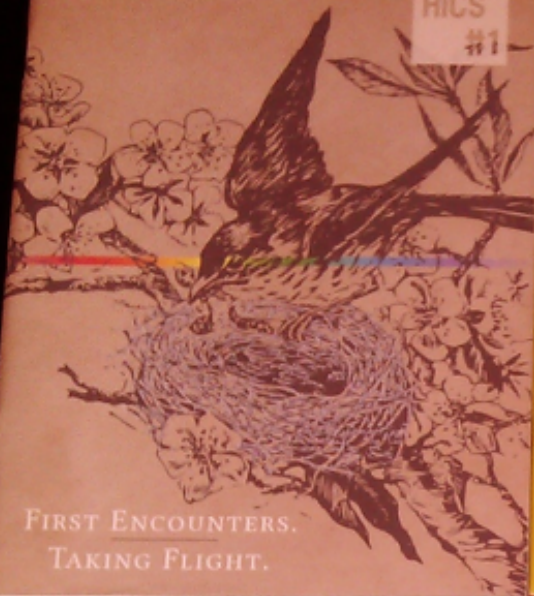
...the Graphics magazine, we're
digital and the physical collide.
...the role of interconnectivity
...ing of physical and digital, and
...tion. Whether it's the translation of
... scanning of an old typewriter, or
...s, all bets are on.

...mented in collisions. And we want

... is seeking submissions for issue 1.4,
... and the Designer. We want your
... created with Free/Libre Open Source
... products. Flip through previous issues to
... in past, then propose to do it again, or
... writing also entirely.

submissions@libregraphicsmag.com
This issue are due by:
15 October, 2011

LIBRE
GRAP
HICS
#1



FIRST ENCOUNTERS.
TAKING FLIGHT.



LIBRE
GRAP
HICS
1.2

USE CASES AND AFFORDANCES

LIBRE
GRAP
HICS
1.3



The Physical,
the Digital
and the Designer

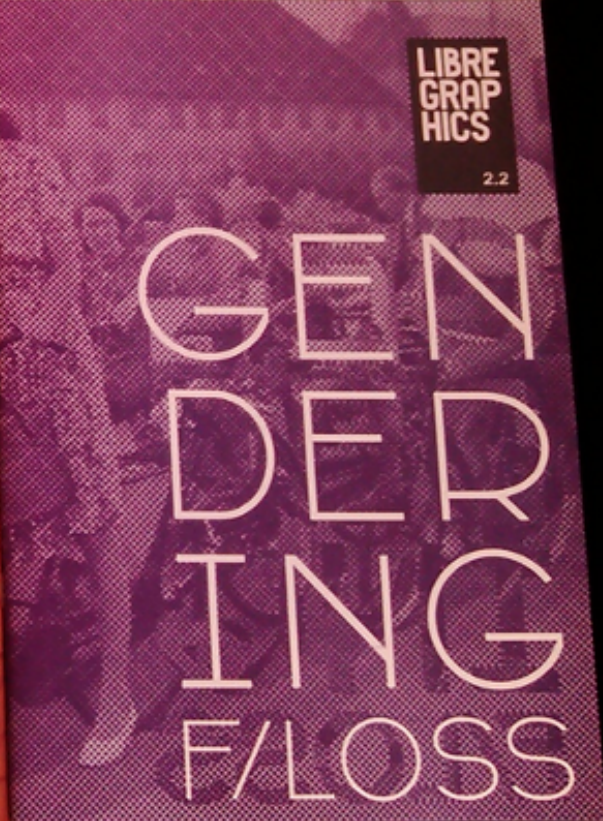
LIBRE
GRAP
HICS
1.4

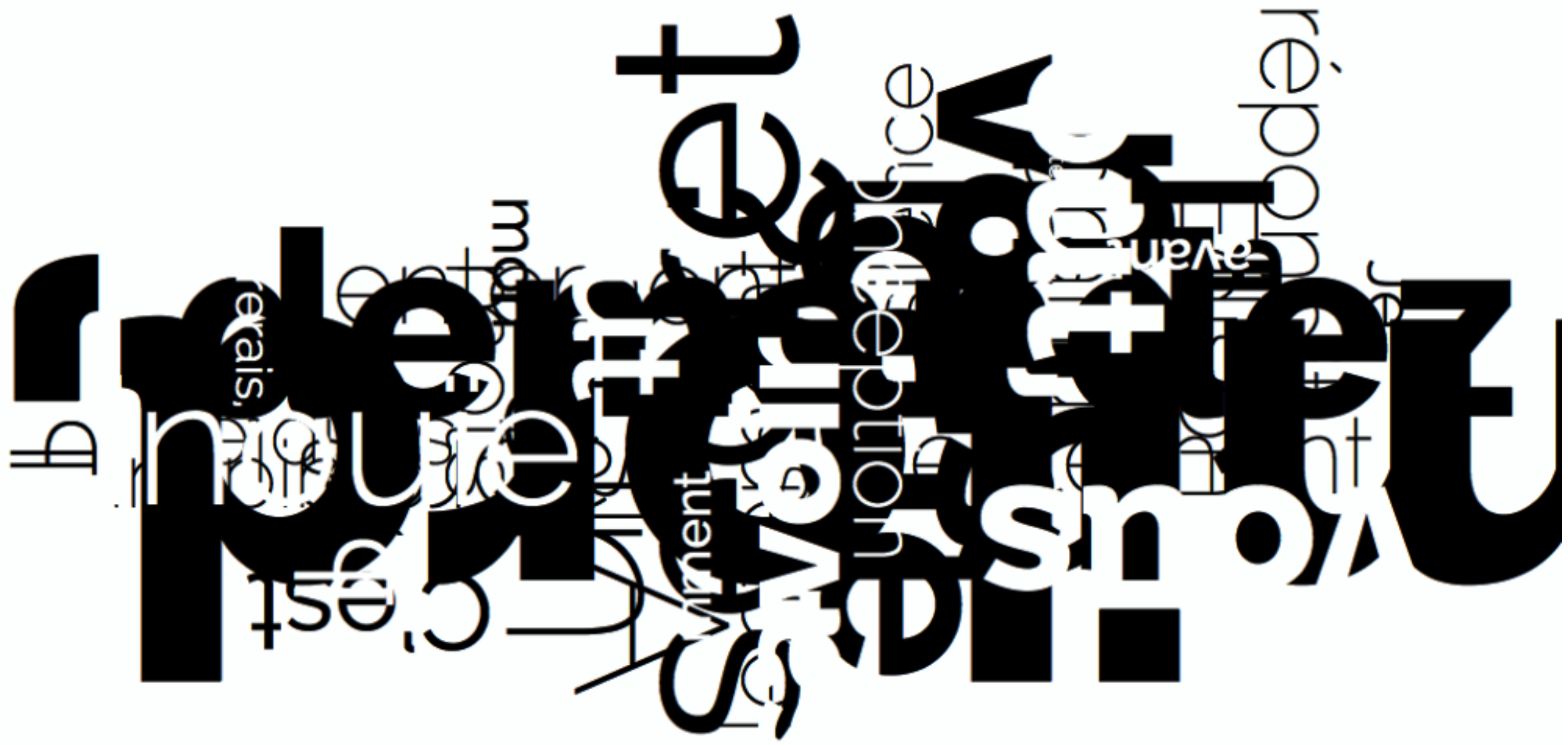
LIBRE
GRAP
HICS
2.1



LIBRE
GRAP
HICS
2.2

GEN
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**UPCOMING ISSUE: FREE & LIBRE TYPE DESIGN,
DIGITAL PUBLISHING AND OPEN WEB STANDARDS**

GUEST-EDITOR MANUEL SCHMALSTIEG (GREYSSCALE PRESS)



Scribus is alive and well!

- In version 1.6, the number of features will have been doubled
- It has a new industry partner, determined to contribute code:
Software Consulting Services, LLC, USA





Many oft-requested features in 1.6

- **Vertical alignment of text**
- **Shrink text frame to text size**
- **Foot-/endnotes**
- **Text variables**
- **Customisable bullets**
- **Orphan/widow control**
- **Drop shadows**
- **Cloned objects**
- **Real tables**
- **Export to PDF/X-1a, PDF/X-4 and XPS**
- **Support for SVG 'layers'**



New import filters

- **DTP:**
InDesign XML, MS Publisher, VIVA Designer XML, Xara, Apple PAGES, XPS and OXPS, QuarkXPress Tags
- **Vector:**
MS Visio, WordPerfect Graphics, Computer Graphics Metafile, CorelDraw, OpenDocument Presentation
- **Pixel:**
Open Raster Graphics, Progressive Graphics Format, GraphicsMagick
- **Almost all formats for 3-D objects**
- **... more to come!**



Synfig Studio

Open Source Animation Software

www.synfig.org

60f

61f

62f

63f

64f

65f

66f

67f

68f



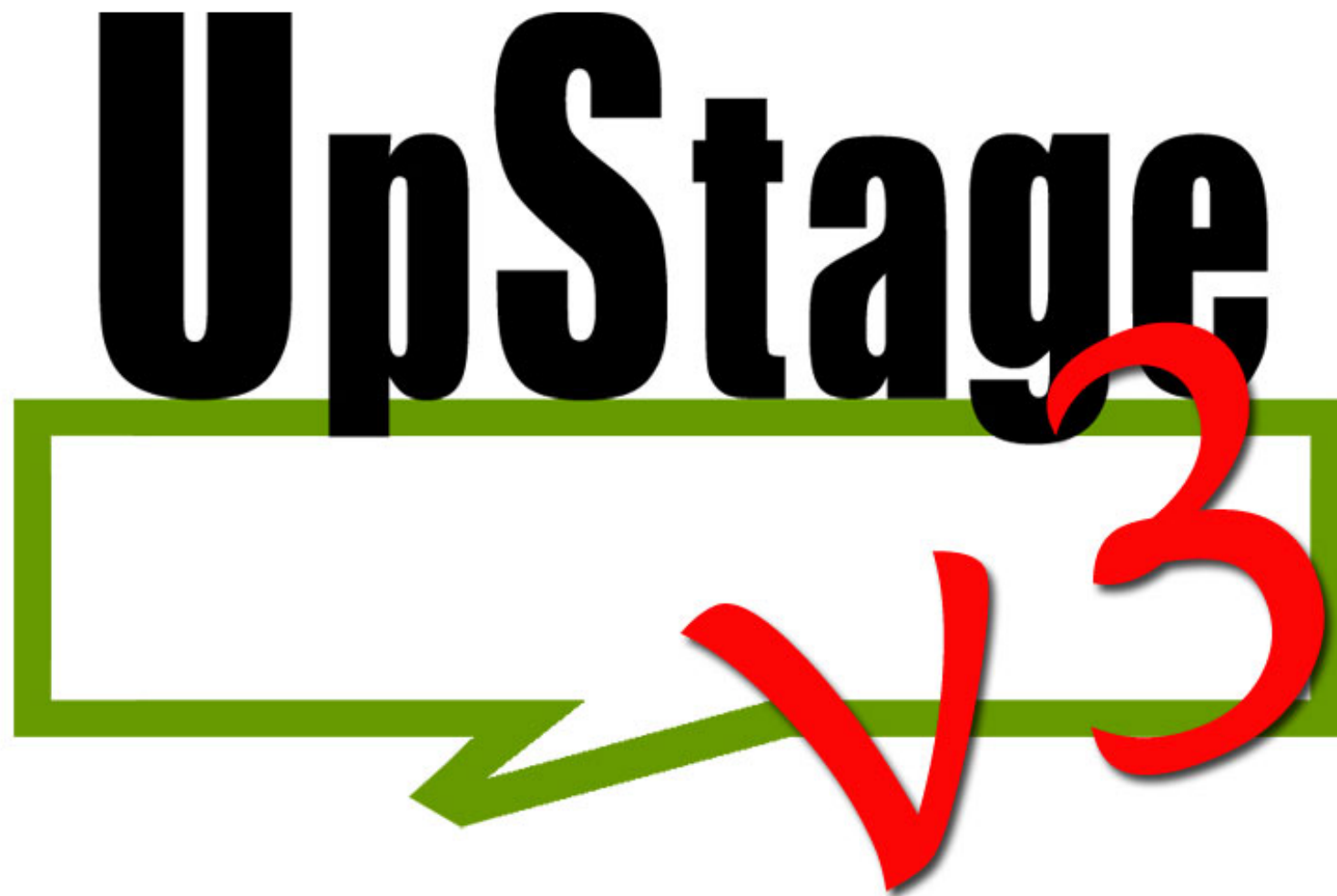
- May 2013. Grant from Shuttleworth foundation
- August. Hired full time developer
- September. Monthly fundraising campaigns started
- November. Training package released
- Present and future. Full time development continued bringing Synfig at a fast track to 1.0

www.synfig.org



Development results:

- Single-Window UI
- User-friendly transformation tools
- Bones animation system (cutout and vector animation)
- Dynamics-enabled animation
- Basic bitmap painting (brushlib integration)
- Initial support for frame-by-frame animation (bitmap only)
- Rendering speed optimization for vector artwork
(150–300% boost)



celebrating 10 years of cyberformance
www.upstage.org.nz



- full audio-visual streaming
- new system for uploading and managing media
- new on-stage tools for players
- a new web site is in the pipeline.

and ... UpStage v3 will be the last version of UpStage using the code that was first written in 2003. It's time to rebuild!

Current developers:

- Martin Eisenbarth (Germany)
- computing students at Auckland University of Technology (NZ)
- and ... you???

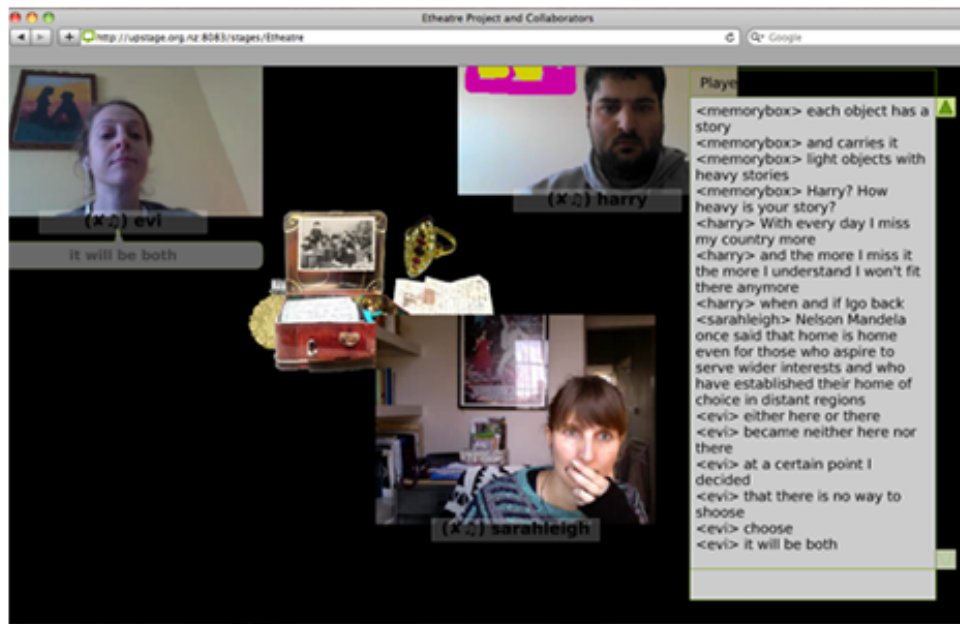
www.upstage.org.nz

info@upstage.org.nz

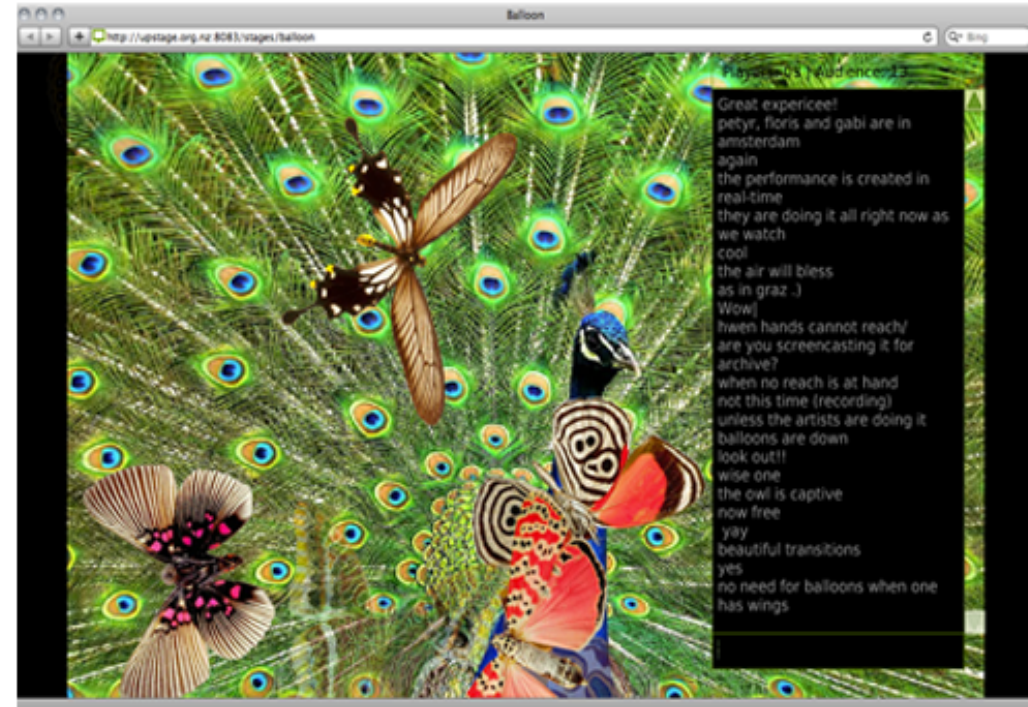
UpStage

v3

Performances from the UpStage 10th birthday



above: *Etheatre*
 by Christina Papagiannouli & collaborators
 above right: *Vita Cyberformativa*
 by Miljana Peric
 right: *Balloon*
 by Petyr Veenstra, Floris Sirag & Gabriella Sacco

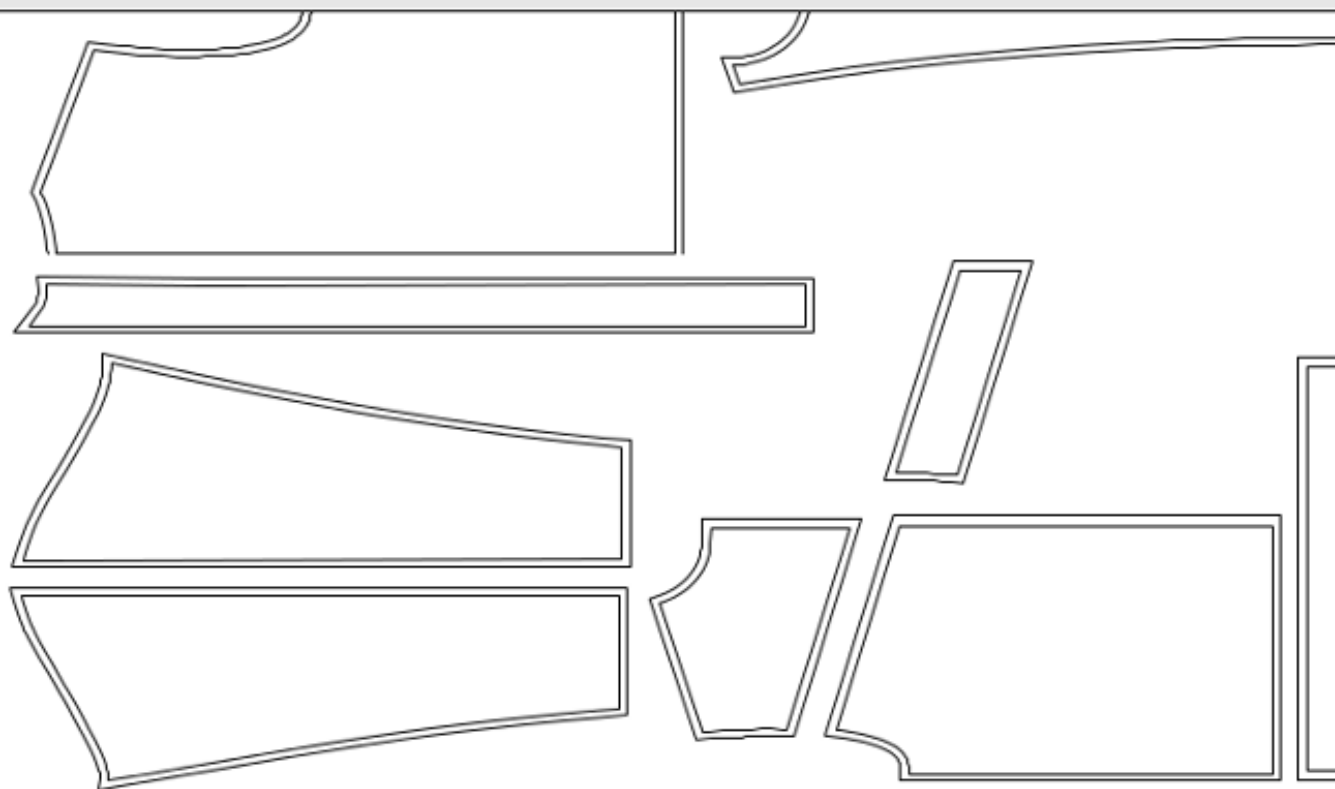




The Valentina Project

www.valentina-project.org

Released under GNU GPL v3



Example of Jacket pattern produced by Valentina software



The Valentina Project

www.valentina-project.org

Released under GNU GPL v3

Founder

Roman Telezhinskyi

Coding

Roman Telezhinskyi, Christine Neupert, Sabine Schmaltz,
Kunda, Steve Conklin, Bernt Hullen

Translations

Christine Neupert, Pavel Fric, Kunda

Testing

Christine Neupert, Lisabeth Lueninghoener, Esther Melander, Kunda

Community Organizers

Kunda, Susan Spencer

GSoC mentors

Mario Behling, Christine Neupert, Susan Spencer



The Valentina Project

www.valentina-project.org

Released under GNU GPL v3

Milestones reached since 09/2013

GUI Tools

Point Formulas

Body Measurements – standard sizes, customized sizes

Measurement file formats – XML/XSD

Export pattern file formats – .pdf, .ps, .eps, .svg, .png

Translations – Ukrainian, Russian, Czech, German, English, Hebrew

Code Documentation – Doxygen

Google Summer of Code 2014 via FOSSAsia

Developed with Qt5 C++ UI framework

Downloads available for Mac, Linux, Windows