Interns Lightning Talks
PiTiVi
Proxy editing

Anton Belka, antonbelka@gmail.com

GUADEC 2013
What is proxy editing?

Proxy editing is the ability to swap video clips by a "proxy" version that is more suited for editing, and then using the original, full-quality clips to do the render.
Implementation

- **GStreamer Editing Services (GES)**
  - Design and implement proxy editing API in GES
  - Write tests for proxy editing API
  - Fixing possible issues

- **PiTiVi**
  - Integrate changes in GES with PiTiVi
  - Fixing possible issues
Summary

- We must have manual/semi-automated and fully-automated modes
- We must be able choose what video clips must use proxy editing mode
- No negative impacts on performance when generating the clips "proxies"
Appendix

Resources I

- **PiTiVi**
  http://pitivi.org

- **GStreamer**
  http://gstreamer.freedesktop.org

- **Proxy editing requirements**
  http://wiki.pitivi.org/wiki/Proxy_editing_requirements

- **My blog**
  http://antonbelka.com
Bookshelf View & Tiling for Evince

Aakash Goenka, aakash.goenka@gmail.com

Google Summer of Code 2013

GUADEC 2013
Why bookshelf?

- For easy access to recently opened documents
- Looks way cooler than a blank window
- Display more items than ‘Recent Files’ menu
Bookshelf Screenshot

Figure: A screenshot of the recent documents view.
(evince == gnome-documents) = TRUE?

- No!
- The view is exclusively for recent items
- Only for Evince supported documents
Tiled Rendering

The need:
- View documents at higher zoom levels
- Make efficient use of memory

Challenges:
- Get it working for the various modes
- Ensure responsiveness and sync with scrolling and panning
Things I learnt

- ASK if you’re unsure of anything
- Patience is key
- If you discover a bug, file it. Instantly!
- Object oriented programming in C!
Dual screen capable presenter tool in Evince’s libevview

Alessandro Campagni [sciamp],
alessandro.campagni@gmail.com

GUADEC 2013
EvViewPresenter class

- GtkBox
- Slides view
- Goodies
Inherits from GtkWidget
EvJob for rendering
Goodies

- Presenter notes
- Timer
- anything else?
What it looks like right now

The beamer package allows you to make \LaTeX\ documents into slide presentations.

- We delay items being put on the screen using `\pause`
Summary

- Slides view is working
- Design ideas needed
Resources I

- **Documents**
  https://wiki.gnome.org/GnomeDocuments

- **Evince**
  https://projects.gnome.org/evince/

- **My blog**
  http://scia.mp

- **Write to me**
  alessandro.campagni@gmail.com

- **Wanna see some ugly code?**
  https://github.com/sciamp/evince-mirror
  https://github.com/sciamp/gnome-documents-mirror
Why ducks are cool.

Aruna Sankaranarayanan
Documentation Intern
OPW 2013 (June – September)

aruna.evam@gmail.com
Don't let things overwhelm you.
Attention to detail

This Is American Capitalisation

British spelling  
(Organisation, humour, dialogue)

Contractions  
(it's, you're, he's, she's)

Objects are not human  
(the key's shape, the table's colour,)

This is British capitalisation

American spelling  
(Organization, humor, dialog)

No contractions  
(it is, you are, he is, she is)

Objects are, well, objects  
(the shape of the key, the colour of the table)
Welcome to the Passwords and Keys help guide. Passwords and Keys creates and stores security tokens, helping to keep your information secure on your computer, and secure when you send information over a network.

**Introduction**
A glossary of the basic terms used in this help.

**Learn about keys**
Topics that explain key management concepts in brief.

**PGP keys**

Create new PGP key
Create PGP keys for encrypting and signing emails.

Advanced PGP key options
Select the right key type, expiration date and key strength.

Attach a photo to your key
Include a photo ID with your existing keys so that people can

Retrieve remote keys
Download public keys of those you communicate with from key servers.

Select key encryption type
DSA-Elgamal or RSA? What are sign only keys?

Sync your keys
Have your local key copies update
New Avatar Picker Dialog

Student: Bogdan – Gabriel Ciobanu
Mentor: Jasper St. Pierre
What we have
What we will have

Designed by Allan Day
New features

- New design
- Fetches profile pictures from user's online accounts
Gnome shell app picker redesign - GSOC

Carlos Soriano
Mentored by Florian Müllner
Current design problems

- Huge scrolled grid
- Collections as huge items, bigger than screen & bugs
New design overview

- Pagination, adaptive grid, new panning & icons design
- Collection open inline, items aligned to main grid
New design overview

- Pagination, adaptive grid, new panning & icons design
- Collection open inline, items aligned to main grid
Conclusions

- Better user experience, eye pleasant and touch friendly
- A first approach for a new screen size adaptive implementation
GSOC 2013
CLOCKS
Evgeny Bobkin

mentor  me  designer

The 🐧 GNOME™ Conference
GUADEC
Overview
Selection Pattern

The GNOME™ Conference

Google summer of code 2013
OPW WINTER 2013
ROUND #5

GNOME: MARKETING TEAM

Mentors: Karen Sandler – Sriram Ramkhrisna
Intern: Flavia Weisghizzi (Italy)

GUADEC 2013
MARKETING

Internal communications
- interviews
- articles

External communications
- press release
- social
RESEARCH

Outreach report

- Focus most common problems newcomers face in approaching a new FOSS/FLOSS Community – GNOME Community
- Set type of newcomers based on skills and expertise
- Enhance tools provided by GNOME for newcomers: GNOME Love, Quick tutorials, Bugtracking
- Mentoship
PiTiVi
Motion Ramping

Joris Valette, joris.valette@gmail.com

August 4, 2013
Motion Ramping

User Interface

3 possible implementations:

1. Splitting the clip, applying rate
2. Moving x and y-axis keyframes:

3. Moving x-axis only keyframes:
Back-end

- GStreamer
  - Add a rate property to videorate element
  - Same thing for an audio element
- GStreamer Editing Services (GES)
  - Add GStreamer elements to the top-level pipeline
  - Fix bugs
Resources I

- PiTiVi
  http://www.pitivi.org

- GStreamer
  http://gstreamer.freedesktop.org

- Jeff’s (nekohayo) blog
  http://jeff.ecchi.ca

- My blog
  http://jojva.blogspot.com
System Settings
Date & Time panel

Kalev Lember
### Date & time panel redesign

<table>
<thead>
<tr>
<th>Setting</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time Format</td>
<td>AM / PM</td>
</tr>
<tr>
<td>Automatic Date &amp; Time</td>
<td>OFF</td>
</tr>
<tr>
<td>Requires internet access</td>
<td></td>
</tr>
<tr>
<td>Automatic Time Zone</td>
<td>OFF</td>
</tr>
<tr>
<td>Requires internet access</td>
<td></td>
</tr>
<tr>
<td>Time Zone</td>
<td>GMT+2 (Europe/Stockholm)</td>
</tr>
<tr>
<td>Date &amp; Time</td>
<td>21 July 2013, 11:07 PM</td>
</tr>
</tbody>
</table>
Summer of Code 2013: System Settings
Summer of Code 2013: System Settings

- Travel and laptop automatically picks up timezone changes

- Time Updated to Central European Time (GMT+2)

- Daylight Saving Starts Tonight
  The time will be automatically adjusted at 2 AM tomorrow.
Activity Development for GCompris Suite

Lavanya Gunasekaran

Mentor : Bruno Coudin
Architecture

Gcompris plugins

Gcompris core API
(player/editor)

Gnome – GnomeCanvas
Linux, FreeBSD, Unix

XML Boards

XML Menus

IntlTools

Generated Web Site

XSL Transformation

Human Translators

.po (I18N) Files

Generated Web Site

Free Edutainment software for the youngest

Organization for Free Software in Education and Teaching

Free Edutainment software for the youngest

Organization for Free Software in Education and Teaching
XML Menus

```xml
<?xml version="1.0" encoding="UTF-8"?>
<GCompris>
  <Board
    name="clickgame"
    type="clickgame"
    icon="boardicons/clickgame.png"
    difficulty="1"
    author="Bruno Coudoin (bruno.coudoin@free.fr)"
    boarddir="fishes">
    <title>Click On Me</title>
    <description>Left-Click with the mouse on all ..</description>
    <prerequisite>Mouse manipulation</prerequisite>
    <goal>Motor coordination: mouse mouvement ...</goal>
    <credit>Fish are taken from the Unix utility ....</credit>
  </Board>
  <Data directory=""/>
</Gcompris>
```

This selects the plugin

Describes the activity

Inline documentation

Underscore is used by IntlTools to create I18N menu files
Gnome Canvas API

```c
item = gnome_canvas_item_new (boardRootItem,  
    gnome_canvas_rect_get_type (),  
    "x1", (double) 0,  
    "y1", (double) 0,  
    "x2", (double) 100,  
    "y2", (double) 50,  
    "fill_color", "blue",  
    "outline_color", "green",  
    "width_units", (double)2,  
    NULL);

gnome_canvas_item_set (item,  
    "x1", (double) 100,  
    "y1", (double) 50,  
    "x2", (double) 200,  
    "y2", (double) 100,  
    "fill_color", "red",  
    NULL);
```

This creates a rectangle

This moves it
Free Edutainment software for the youngest

Place the tux on appropriate ice patch

Decrypt the code which is:

4 18

External Parts of Computer
Mouseover the parts to read about them

Monitor:
Monitor or display is an electronic visual display for computers.
Thank you

Lavanya Gunasekaran
lavanyagunasekhar@gmail.com
lava_g on #GCompris and #GNOME
https://wiki.gnome.org/lavanya
Trip planning in Maps

Mattias Bengtsson

mattias.jc.bengtsson@gmail.com
mattiasb on IRC
My scope

Walking, biking and driving
Public transportation
Technical details

OSRM
Technical details

Plugins
Current status
We need your help!

#gnome-maps on IRC
maps-list@gnome.org
http://wiki.gnome.org/Maps
Implementing Focus and Caret Tracking for GNOME Shell

A Google Summer of Code Project

Magdalen Berns
thisMagpie@live.com
The Unmagnified View
The View, at 2x Magnification
The View, at 2x Magnification
Implementing Focus and Caret Tracking for GNOME Shell

- Implement a Focus and Caret Tracker (in Javascript)
Implementing Focus and Caret Tracking for GNOME Shell

- Implement a Focus and Caret Tracker (in Javascript)
- Emit Notifications
Implementing Focus and Caret Tracking for GNOME Shell

- Implement a Focus and Caret Tracker (in Javascript)
- Emit Notifications
- Notify on Connect
Redesigning GTranslator

Marcos Chavarría Teijeiro

Mentor: Nicolás Satragno
Goals!

- Make a **strong** but **extensible** design that makes easy to create plugins.

- Write this new design in a more **readable** language, **Vala**. *(Starting Flame!)*
User Interface

Message Status

Message Tips

Edition Widget

Context Widget

Headerbar
Thanks for your attention!
Grazas pola súa atención!
¡Gracias por su atención!
Obrigado pela sua atenção!

Blog: aquelando.info
GitHub: chavaone
Email: chavarria1991@gmail.com
Twitter: @chavarria1991
Mathieu Duponchelle

General bug fixing in pitivi.
General process.

THE ART OF BUGFIXING

I’VE FIXED THE BUG

GREAT! WHAT HAVE YOU DONE?

CHAPTER 1: SOMETIMES IT’S BETTER TO NOT EVEN TRY TO UNDERSTAND
Example of current work.
megford@gnome.org

 GNOME Sound Recorder
GNOME 3 Style Application

GStreamer 1.0,
Gtk+ 3.9,
GJS) {

<table>
<thead>
<tr>
<th>Recording Date</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-07-24 18:17:44</td>
<td>.flac</td>
</tr>
<tr>
<td>2013-07-24 18:17:49</td>
<td>.mp3</td>
</tr>
<tr>
<td>2013-07-24 18:17:54</td>
<td>.aac</td>
</tr>
<tr>
<td>2013-07-26 14:56:38</td>
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<tr>
<td>2013-07-26 14:56:47</td>
<td>.aac</td>
</tr>
<tr>
<td>2013-07-26 14:56:59</td>
<td>.ogg</td>
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<tr>
<td>2013-07-26 14:57:08</td>
<td>.flac</td>
</tr>
<tr>
<td>2013-07-26 14:57:57</td>
<td>.mp3</td>
</tr>
</tbody>
</table>
Waveform Window editing
Sharing
...MediaGoblin integration?
Google Tasks support
libgdata/Evolution

Peteris Krisjanis
pecisk@gmail.com

The GNOME Conference
GUADEC

Brno 2013
Introductions

- Using GNOME for 9 years
- Hacking, testing, debugging, reporting – 6 years
- Libgdata – library for Gdata protocols
- Evolution – classic communication suite
- Google Tasks – one of the first of new Google protocols family
Project of the summer

• Adding JSON support to libgdata – done
• Adding Google Tasks API support to libgdata – almost done
• ...and to Evolution – in works
An Introduction to GTGOnline!

A Web Application for Getting Things Gnome!

Parin Porecha
Creating Tasks

<Enter> creates New task, <Shift+Enter> toggles description mode and <Tab> creates a subtask. An Easy and Intuitive way to make you more productive.
All the users are displayed groupwise. Creating custom Groups, adding users etc. is done right at this central place.
Task Sharing

Share your Tasks with other users through this dialog

View other connected users, and Task Log here
Improving Cantarell, GNOME’s interface font

Pooja Saxena
Outreach Programme for Women
June-September 2013

Mentored by Jakub Steiner

cantarell-fonts

www.dispatcheafromopw.wordpress.com
www.poojasaxena.in
@anexasajoop

M. A. Typeface Design
University of Reading (UK)
RESEARCH
DRAWING
SPACING
TESTING + IDENTIFYING ISSUES where required
<table>
<thead>
<tr>
<th>Language</th>
<th>Characters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Norwegian Bokmål</td>
<td>Æ</td>
</tr>
<tr>
<td>Basque</td>
<td>౞</td>
</tr>
<tr>
<td>Korean</td>
<td>Æ</td>
</tr>
<tr>
<td>Hindi</td>
<td>ල</td>
</tr>
<tr>
<td>Bulgarian</td>
<td>І</td>
</tr>
<tr>
<td>Japanese</td>
<td>☞</td>
</tr>
<tr>
<td>Ukrainian</td>
<td>☞</td>
</tr>
<tr>
<td>Punjabi</td>
<td>☞</td>
</tr>
<tr>
<td>Tamil</td>
<td>☞</td>
</tr>
<tr>
<td>Vietnamese</td>
<td>á, í, ó, ú, ỹ</td>
</tr>
<tr>
<td>Finnish</td>
<td>ã</td>
</tr>
<tr>
<td>Slovak</td>
<td>â, í, ó, ť, ŏ, ř</td>
</tr>
<tr>
<td>Swedish</td>
<td>é</td>
</tr>
<tr>
<td>Assamese</td>
<td></td>
</tr>
<tr>
<td>Marathi</td>
<td></td>
</tr>
<tr>
<td>Malayalam</td>
<td></td>
</tr>
<tr>
<td>Belarusian</td>
<td></td>
</tr>
<tr>
<td>Kannada</td>
<td></td>
</tr>
<tr>
<td>Gujarati</td>
<td></td>
</tr>
<tr>
<td>Dutch</td>
<td>â, í, ó, ŭ</td>
</tr>
<tr>
<td>Hebrew</td>
<td></td>
</tr>
<tr>
<td>Oriya</td>
<td></td>
</tr>
<tr>
<td>Thai</td>
<td></td>
</tr>
<tr>
<td>Romanian</td>
<td>á, ă</td>
</tr>
<tr>
<td>Turkish</td>
<td>Ğ</td>
</tr>
<tr>
<td>Estonian</td>
<td>ç, š</td>
</tr>
<tr>
<td>Asturian</td>
<td>á, í, ó, ŭ</td>
</tr>
<tr>
<td>Arabic</td>
<td></td>
</tr>
<tr>
<td>Macedonian</td>
<td></td>
</tr>
<tr>
<td>Persian</td>
<td></td>
</tr>
<tr>
<td>Bengali (India)</td>
<td></td>
</tr>
</tbody>
</table>

**Diagram:**

```
TESTING + IDENTIFYING ISSUES ➔ RESEARCH where required ➔ DRAWING

SPACING
```
TESTING + IDENTIFYING ISSUES → RESEARCH where required

DRAWING

SPACING
<table>
<thead>
<tr>
<th>ID</th>
<th>Sev</th>
<th>Pri</th>
<th>OS</th>
<th>Product</th>
<th>Status</th>
<th>Resolution</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>704857</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>UNCO</td>
<td>RESO</td>
<td>Review and correct the spacing of Cantarell Bold Latin basic lowercase letters</td>
</tr>
<tr>
<td>703588</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>UNCO</td>
<td>RESO</td>
<td>Review and correct the spacing of Cantarell Regular Cyrillic uppercase letters</td>
</tr>
<tr>
<td>703444</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>UNCO</td>
<td>RESO</td>
<td>Review and correct the outlines of uppercase Cyrillic letters in Cantarell Regular</td>
</tr>
<tr>
<td>703260</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>RESO</td>
<td>FIXE</td>
<td>Review and correct the outlines and spacing of signs used for maths.</td>
</tr>
<tr>
<td>703197</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>RESO</td>
<td>FIXE</td>
<td>Review and correct spacing of numerals in Cantarell Regular.</td>
</tr>
<tr>
<td>703166</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>RESO</td>
<td>FIXE</td>
<td>Review and correct outlines and metrics of numerals in Cantarell regular.</td>
</tr>
<tr>
<td>703115</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>RESO</td>
<td>FIXE</td>
<td>Review and correct spacing of basic uppercase letters in Cantarell Regular</td>
</tr>
<tr>
<td>703094</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>UNCO</td>
<td></td>
<td>Review and correct spacing of basic lowercase letters in Cantarell Regular</td>
</tr>
<tr>
<td>702987</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>RESO</td>
<td>FIXE</td>
<td>Stroke widths in lowercase of Cantarell Regular are not harmonized properly.</td>
</tr>
<tr>
<td>702956</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>UNCO</td>
<td></td>
<td>The uppercase S needs to be redrawn.</td>
</tr>
<tr>
<td>702955</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>UNCO</td>
<td></td>
<td>Outline of uppercase U needs improvement.</td>
</tr>
<tr>
<td>702713</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>RESO</td>
<td>FIXE</td>
<td>Stroke widths in uppercase of Cantarell Regular are not harmonized properly.</td>
</tr>
<tr>
<td>702626</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>UNCO</td>
<td></td>
<td>Glyphs missing for Vietnamese support.</td>
</tr>
<tr>
<td>702623</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>UNCO</td>
<td></td>
<td>Missing glyphs for (complete) Danish support.</td>
</tr>
<tr>
<td>702621</td>
<td>nor</td>
<td>Nor</td>
<td>All</td>
<td>cantarell-fo</td>
<td>UNCO</td>
<td></td>
<td>Missing glyphs for Slovak support.</td>
</tr>
</tbody>
</table>

**REGULAR AND BOLD WEIGHTS**

**LATIN**
- Uppercase (A-Z)
- Lowercase (a-z)
- Numerals (0-9)
- Punctuations + Symbols
- Extended Latin

**CYRILLIC**
- Uppercase (A-Z)
- Lowercase (a-z)
- Extended Cyrillic

**GREEK**
- Monotonic Uppercase (A-Z)
- Monotonic Lowercase (a-z)

**LIGHT WEIGHT**

**LATIN**
- Uppercase (A-Z)
- Lowercase (a-z)
- Numerals (0-9)
Porting color management from Gnome to Wayland/Weston
Google Summer of Code

Rafael Fonseca dos Santos

August 4, 2013
Problem

Color profile
A set of data that describes the color attributes of a particular device. It is essentially a mapping from a color space to a Profile Connection Space (PCS) and vice-versa.

- Devices (monitors, printers, cameras) work with different color profiles.
- Using the right color profile shows to the user how exactly the image will look like.
- Color profile information on XWindow attributes
- Efficient color space conversion.
Solution

- Color space conversion on the GPU (shader).\[WIP\]

- Graphical server informs profile used (X, Wayland, ...)\[TBD\]

- Applications (GIMP, EOG) ask for the profile.\[TBD\]
XML Serialization and GXml

Google Summer of Code 2012
Student: Richard Schwarting
Mentor: Alberto Ruiz
Example: GObject

```csharp
public class ComplexSimpleProperties : GLib.Object {
    public SimpleProperties simple { get; set; }

    ...
}

public class SimpleProperties : GLib.Object {
    public int public_int { get; set; }
    public double public_double { get; set; }
    public string public_string { get; set; }
    public bool public_bool { get; set; }
    private int private_int { get; set; }

    ...
}
```
Example: XML

```xml
<?xml version="1.0"?>
<Object otype="ComplexSimpleProperties">
  <Property pname="simple" ptype="SimpleProperties">
    <Object otype="SimpleProperties">
      <Property pname="public-int" ptype="gint">3</Property>
      <Property pname="public-double" ptype="gdouble">4.200000</Property>
      <Property pname="public-string" ptype="gchararray">catfish</Property>
      <Property pname="public-bool" ptype="gboolean">TRUE</Property>
    </Object>
  </Property>
</Object>

<!-- ptype for debugging, not necessary -->
Purpose

- Simplify GObject-XML conversion
- Allow developer per-property control
- Follows json-glib's JSON serialization
API

interface Serializable : GLib.Object {
    bool deserialize_property (string prop_name, ParamSpec spec, GXml.DomNode prop_node);
    GXml.DomNode? serialize_property (string prop_name, ParamSpec spec, GXml.Document doc);

    // to override GObjectClass behaviour, optional */
    unowned ParamSpec? find_property (string property_name);
    unowned ParamSpec[] list_properties ()
    // to override GObject behaviour, optional */
    void get_property (ParamSpec spec, ref Value str_value);
    void set_property (ParamSpec spec, Value value)
}

/* */
Features

- GXmlSerialization class
  - Automatically converts a GObject into XML and vice versa
- GXmlSerializable interface
  - Developer controls concept of “properties”, ability to serialize data other than properties.
  - Developer controls logic handling a property
Features

- Recursive (also a source of a potential problem)
- Automatically handles
  - Simple types (int, bool, double)
  - Enums
  - GXmlSerializable objects
  - Some collections
  - More as demanded
Easing obstacles

- Autotools
- GtkDoc + examples
- Local VAPI (patches upstream)
- GIT works right now on current distros
- Lots of tests
Fin
Security with usability

Security without the poor design

Sam Bull
User design

- Design with the user in-mind.
- What's the easiest, most streamlined design?
- Can that design be met without losing security.
Protecting documents

- Encrypt folders of user's choice.
- Decrypt these folders transparently.
Design

- What's the most streamlined design to encrypt?

- What's the most streamlined design to decrypt?
Design

- What's the most streamlined design to encrypt?
  Right-click folder, encrypt.
- What's the most streamlined design to decrypt?
  Open folder, decrypted contents are displayed.
Summary

- Security shouldn't interfere with user experience!

Geocode-glib Library

https://git.gnome.org/browse/geocode-glib/

Satabdi Das

OPW Intern, Round 5

Mentored by Bastien Nocera
• Wrote Server and client libraries for GeoIP geo-location service

• Wrote Server of the Wi-Fi based geo-location service
• An IP based query returns –

```
{"ip":"123.23.23.23","latitude":10.25,
"longitude":105.9669769287109,
"country_name":"Vietnam",
"country_code":"VN",
"region_name":"Phu Yen",
"city":"Vinh Long",
"accuracy":"city",
"timezone":"Asia/Phnom_Penh",
"attribution":"This product includes GeoLite data created by MaxMind, available from http://www.maxmind.com\n"}
```

• An Wi-Fi based query returns –

```
{"latitude":40.060449299999988,"longitude":-105.2094195,"accuracy":24}
```
Life After OPW

WFS-India
• Started Women in Free Software and Culture in India ([http://www.wfs-india.org/](http://www.wfs-india.org/))
• Organized an online localization workshop, an online workshop on Git.
• Planning to organize an online workshop on IRC

Joined a job

Plans to contribute more code to open-source projects

https://techchicblog.wordpress.com/
Responsive Design: Gnome website

Saumya Dwivedi

Outreach Program for Women
[ June-Sept 2013 ]
Responsive Design: Gnome website

- Technique to make a website respond effectively to various device sizes and viewing environment.
- Use of CSS3 media queries.
- Minimize user scrolling and resizing.
- Why not a different website version for mobile?

- Responsive Web Design was coined by Ethan Marcotte in 2010.
Responsive Design: Gnome website

- Difficult to maintain a mobile version for every possible device size.
- Huge boost in mobile market!
- Responsive design makes a website consistent across devices using only a single style sheet.
- Makes the website easy to maintain, develop and deploy.

- 2013 is being dubbed as the year of responsive web design!!
Responsive Design: Gnome website

- OPW site is now responsive.
- Responsiveness in the main Gnome website is work in progress!

- Responsive web design is web design done right. -Andy Clark
**Responsive Design: Gnome website**

<table>
<thead>
<tr>
<th>Outreach Program for Women</th>
<th>Participants</th>
<th>Sponsors</th>
<th>Partners</th>
<th>About</th>
</tr>
</thead>
</table>

The Outreach Program for Women (OPW) helps women get involved in free and open source software. We provide a supportive community for beginner to contribute any time throughout the year and offer focused internship opportunities twice a year with a number of free software organizations.

Learn how to get started and apply!

---

**Participants**

Congratulations to the 37 participants accepted for the June - September 2013 round of the Outreach Program for Women!

Women who are students applying to work on coding projects were encouraged to apply for Google Summer of Code as well. The administrators of both programs then coordinated to accept the top applicants for one of the programs. Congratulations to the 12 applicants who applied for both the Outreach Program for Women and Google Summer of Code, and were accepted for Google Summer of Code!

---

The Outreach Program for Women (OPW) helps women get involved in free and open source software. We provide a supportive community for beginner to contribute any time throughout the year and offer focused internship opportunities twice a year with a number of free software organizations.

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Thank you!
GNOME Event website manager

by Saumya Pathak
a GNOME OPW Intern (Round 6)
**Aim:** Easy setup of GNOME conference websites.
Customizable theme:

**Registration Open**

Registrations for the conference are now open. You can register to attend the conference and make the payment online. To volunteer for the conference, read further instructions.

**Sponsors**

The logos of the sponsors can be put up here.

**Hello world!**
Work done so far:

- Gathering requirements of the system.
- Research on various backend systems.
- Basic theme design.
- Making the theme customizable.
The learning curve:

Technical:
- Wordpress
- Ruby
- Responsive CSS

About FOSS:
- Contributing to a project.
- Dealing with bugs.
- The wonderfulness of the Open source world!
Shivani Poddar
(Eslam Mostafa, Sai)

GNOME-Music

OPW Intern
(GsoC Interns)
What we did so far..

- Fixed Bugs – design, logic, optimization bugs
- Cleaned up for Phase 1
- Implemented Selection view and Playlist view from Phase 2
- Started implementing search from Phase 3
- Refined our coding style, git usage, creating UI from glade.
- Intensive testing!

Few screen-shots for the above implemented functionalities..
Search!
Selection..
Sindhu Sundar

Credits: Dachshund image by Enokson

Gitg

Terminal Dictionary
## Terminal User Help

**GNOME Terminal Manual**

- Introduction
- Getting Started
- Usage
- Preferences

### Terminal Help

#### Overview of a terminal
- What is Terminal?
- What is a terminal?

#### Getting started
- **Execute a command**
  - Launch programs or run commands using `Terminal`
- **Manage tabs**
  - Add, remove and reorder `Terminal` tabs.
Dictionary User Help

**Dictionary Manual**
- Introduction
- Getting Started
- Usage
- Preferences
- The Dictionary Applet

**Dictionary Help**

**Introduction**
What is Dictionary?

**Features**

- **Copy definition**
  Select and copy a definition to another application.

- **Keyboard shortcuts**
  You can use keyboard shortcuts to navigate around Dictionary more efficiently.

- **Look up a word or term**
  Find the definition of a word or term.

- **Print a definition**
  Print preview and print definitions.

- **Save a definition**
  Save a copy of a definition to a text file.

- **Search within a definition**
  Find text in a definition.

- **Select a different dictionary**

- **Similar words**
  View related results in other dictionaries.
Gitg - Git Format Patch

Double click on any commit to create patch

Commit: d-commit-list-model.disconnectd_inserted();
        d_inserted = 0

Commit list view row activated.connect_double_click_to_create_patch();

Private void double_click_to_create_patch(Gtk.TreePath path, Gtk.TreeViewColumn column)

Gitg:commit commit selected = d-commit-list-model.commit from path();

String commit subject = commit selected.get subject();
commit subject = commit subject.replace( "", " ");

String commit message = commit selected.get message();
var file = File.new_for_path(commit selected.path);
Gitg - Interactive Rebase
Tiffany Yau
Outreach Program for Women
Marketing Intern
Improving Volunteer Capture

- On wiki (live.gnome.org)
- How to start contributing
GNOME VIDEO

Putting a Face to the GNOME Project
F-Spot Faces Tool

- **GSoC student:** Valentín Barros  
  *(valentin@sanva.net)*
- **Mentor:** Stephen Shaw
- **Project:** Adding positional tags and face detection to F-Spot
This is really a port from the same tool I've implemented in Shotwell in GSoC 2011 and 2012.

This GSoC should bring to F-Spot the same amount of Faces functionality that is available at Shotwell.

Porting from Vala to C# is really easy, but the harder part is to adapt all the event handler infrastructure from Shotwell to F-Spot's ways to handle things —they are pretty different.
Screenshot (Shotwell)
The tool works, but it is really really broken due to incompatibilities and code that isn't ported yet.

I'm planning to fix critical errors and port the faces detection C++ programs integration this month.

In September I should be able to clean up code and fix bugs to bring F-Spot face detection in an usable way.
Lua support for Grilo

Victor Toso (intern)
Juan Suárez (mentor)
Goals

- New language to implement sources
- Making lua-sources transparent to Grilo
- Grilo library to lua
- Good documentation to help new developers
References

● www.lua.org/pil/
  (Programming in Lua by Roberto Ierusalimschy)

● wiki.gnome.org/Grilo
  (All about Grilo)

● victortoso.com
  (My blog)