





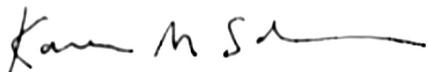
## GNOME Annual Report 2013

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photo of karen?

# Letter from the GNOME Foundation

This text needs writing...



*Karen Sandler, GNOME Executive Director*

# Hackfests

Although much of the development of GNOME takes place in a worldwide distributed manner over the Internet, some GNOME contributors attend hackfests in order to collaborate with each other face-to-face, have fun, get to know each other, and get work done. The following is a chronological list of the hackfests which took place last year and a summary of the events which occurred at each.

## Developer Experience - Brussels, Belgium

The goal of the Developer Experience Hackfest was to improve the overall application developer experience. Attendees split into four groups, which each addressed and analyzed different areas: Application distribution & Sandboxing, Documentation, Toolkit, and Development Tools. Attendees in the Documentation group worked on creating tutorials to facilitate the process of creating a GNOME application, and updating the design of the developer documentation website. Those in the Development Tools group worked on improving the UI for Devhelp, and also made progress on generating documentation for Javascript and GObject Introspection. The Toolkit group worked on important new GTK+ developments including GtkFlowBox, GNotifications, custom title bars (such as the popular GtkHeaderBars combined with window controls), GtkPopovers, and a11y integration with Clutter.

## Docs Hackfest at Devconf

At Devconf, a yearly conference organized by Red Hat in the Czech Republic, and the Fedora and JBoss communities, the Documentation team



convened to focus on updating help pages in time for the GNOME 3.8 release. Additionally, the new help documentation for gnome-system-monitor and gnome-terminal were finalized, and work began writing help pages for gnome-boxes. Some updates were also made to developer documentation, in

## Freedesktop Summit

The Freedesktop Summit is a joint technical meeting for those involved in the "desktop infrastructure" layer of the major free software desktops. Developers from KDE, GNOME, Unity and Razor-qt projects met at SUSE's offices to improve collaboration between the projects by discussing improvements to freedesktop specifications. Presentations and discussions occurred regarding D-Bus specifications for app launching, kdbus, a replacement for X11-based startup notifications, application intents and "portals", exporting action groups on D-Bus and adding actions to context menus in the file browser.

## GNOME Fest Peru

Peruvian GNOME contributors organized a conference to teach about GNOME. Over 100 students attended, and there were a variety of activities and talks on the GNOME community, programs, coding tutorials, how to use GNOME with arduino and more.

## GTK+

Apart from an interruption due to a city-wide lockdown in Boston, this hackfest was very productive. A range of elements in GTK+ were finalized and important plans for the future were discussed. Preliminary plans were made for using



Wayland in gnome-shell, and the roadmap for HiDPI support in GTK+ was established. Additionally significant work was done implementing important components of GNOME 3 apps such as GtkListBox, GtkFlowBox, and GtkHeaderBar.

## Marketing

The GNOME Marketing team (now rebranded as the GNOME Engagement team) used the hackfest to build a foundation for the team, and their aspirations for the presentation of GNOME as a whole going forwards. At the start of the hackfest, attendees focused on answering fundamental questions like: Who is GNOME? What is GNOME? Why does GNOME matter? In the later part of the hackfest, work was done to better develop visual identity and brand presentation for GNOME.

## Open Help Docs - Cincinnati, OH, USA

Following the OpenHelp conference, members of the GNOME documentation team convened to brainstorm ideas to improving GNOME developer documentation. Work was done to revamp the Platform Overview developer documentation, create a guide to preparing applications for translation, and improving the Vala examples in platform demos. Additionally, the new HowDol developer documentation initiative was started, which encourages GNOME developers to write specific tutorial-style guides to common tasks.



## .NET + GNOME - Vienna, Austria

In the .NET + GNOME hackfest, there was sizeable effort toward modernization of various C# GNOME apps and technologies. In particular, significant work was done to port Banshee, Pinta, ?SparkleShare, and Tomboy to GTK+3. Some work was also done creating versions of Tomboy for Android and OS X. The GTK+3 bindings were updated to support GTK+ 3.10 as well.

## Maps - Gothenburg, Sweden

The GNOME Maps hackfest was relatively small, but it afforded two GSoC students to meet their mentor and collaborate with designers in person. Various map-related GNOME technologies and designs were discussed, plans were made for GNOME Maps, and some development was done on Geoclue2.

## GNOME Summit - Montréal, Canada

Although this autumn summit usually takes place in Boston, this year it was moved to Montréal. Despite the change of location, the outcome was again very productive. GNotification support in GTK+ was completed, and there was some brainstorming on design and functionality of GNOME Boxes. Lastly, a handful of a11y regressions were fixed, and plans were made to ensure proper a11y support in GNOME under Wayland.

## WebKitGTK+ - A Coruña, Galicia, Spain

With 30 people in attendance, the fifth year of the WebKitGTK+ hackfest was the largest to date. A variety of things were worked on during this period, including Wayland support for ?WebKit2 and WebKitGTK+, design and functional improvements to GNOME Web, porting the build system to CMake, and improving the integration of the new Web Inspector with WebKitGTK+.



# Conferences

## GNOME.Asia Summit

The GNOME.Asia Summit 2013 was held in Seoul, the capital of South Korea, from May 23 to May 24. Many people passionate about GNOME came to Seoul from China, Canada, Taiwan, Japan, Hong Kong, Indonesia, USA, France, UK, Germany, India, and elsewhere around the world.

The local team and the GNOME.Asia Summit committee spent more than 6 months preparing for the conference. Many thanks go to the Korean government's National IT Industry Promotional Agency (NIPA) who offered the use of their venue and assisted with organization.

Karen Sandler and Allan Day keynoted the conference. Karen talked about her pacemaker which runs proprietary software, and inspired us by reminding us of the need for Free Software in our everyday lives. Allan Day talked about the history and future of GNOME 3, and stressed the enormous progress GNOME has made over the past year and the new features which are coming soon.

There were talks on a wide range of topics including GNOME technologies such as Rygel and GStreamer.

There were also talks about input methods, as well as a training session for translating GNOME. The audience awarded the best session with a prize generously sponsored by Lemote.

## Día GNOME

Día GNOME (GNOME Day) 2013 was held in Temuco, Chile on November 9. Several GNOME hackers participated in the Día GNOME including Alejandro Valdés (GNOME Foundation member and gevice developer), Sebastian Ortega (Ubuntu Collaborator) and Fabio Durán Verdugo (GNOME Foundation member and collaborator).

The main topics included GNOME 3.10, Ubuntu GNOME, how to write good bug reports using Bugzilla and how to write apps with PyGObjects. Other activities also took place including "Olimpiadas GNOME" (GNOME Olympics), a fun sport event, and "Guess the Movie", an entertaining trivia event where the winners received GNOME t-shirts and stickers. Día GNOME 2013 had around 50 total attendees.



## GUADEC

GUADEC is our largest conference for GNOME users and developers, held annually in different cities around Europe. In 2013, GUADEC was held in the city of Brno, Czech Republic, from August 1 to 8.

Hundreds of contributors participated in GUADEC 2013, including volunteers, interns, and the employees of many companies. The schedule had high quality talks on a wide range of topics -- technological developments and plans, design, and community outreach. The GNOME community also used the conference to meet with partners and make exciting plans for the future, including significant developments in GTK+, Wayland, geolocation support and application sandboxing/bundling.

We had the pleasure to have keynotes from Ethan Lee, Matt Dalio, Cathy Malmrose and our very own GNOME Foundation Board of Directors, which discussed important topics in the GNOME Community. Ethan Lee spoke about the challenges of porting games to GNU/Linux, and how we can help by providing better tools and community support. Matt Dalio from Endless Mobile opened the second day of the conference by talking about his plans to use GNOME technologies to bring computers to people around the world who lack access to computers.

On day three, the community got the opportunity to join a question and answers session with the newly

elected GNOME Foundation Board of Directors. Finally, on the final core day of GUADEC, Cathy Malmrose talked about her company, ZaReason, which sells computers pre-installed with GNU/Linux.

During GUADEC 2013, we also had the chance to hear about all the amazing work that has been done during the summer by our interns, during their lightning talks. A large audience gathered to hear about the many projects that have been undertaken by interns in the Outreach Program for Women and Google Summer of Code. The final days of GUADEC were very productive with several ?BoFs and hackfests, as is tradition. A number of GNOME contributors gathered during the course of the final four days to work on documentation, marketing, translation and accessibility, as well as on development efforts towards different projects, such as application sandboxing, input methods, Pitivi, Evolution, Wayland porting, GTK+ and geolocation.

Overall there were 42 talks, two sessions of lightning talks, two parties, 15 working sessions, three hackfests, a football match, a city tour, a Creative Commons film night, 3D printing, and our Annual General Meeting. We talked, we planned, and we worked. We met old friends and made new ones. We met new partners and made exciting plans for the future, and all came away excited about GNOME's past, present and future.

# Internship programs

With its participation in Google Summer of Code and the organization of the Outreach Program for Women, GNOME continues to grow and offer individuals a opportunity to get involved with free software.

The two programs attracted a large number of new contributors to GNOME in 2013, in wide variety areas including programming, design, documentation, and marketing.

The Outreach Program for Women (OPW), which has been organized by the GNOME Foundation since 2010 pairs interns with mentors from a number of Free Software projects, and provides interns with a stipend for work on free software projects. In 2013

the program was highly successful and grew to include 62 interns, organizations and companies including: GNOME Foundation, Google, Intel, Linux Foundation, Mozilla, Fedora, JBoss, Perl, OpenStack Foundation, Free Software Foundation, MediaGoblin, Red Hat, Wikimedia Foundation , WordPress, Yocto Project, OpenMRS, Subversion, and Tor.

GNOME's participation in GSoC grew to 31 student projects.

More details about participants and projects are available in the GNOME Outreach Program Yearbook 2013 which was published by the GNOME Foundation.

list all students? just gnome  
students or like all of them??



sponsors???

Who are the OPW and GSOC  
sponsors???

# Finances

The GNOME Foundation 2013 financial year ran from 1st October 2012 to 30th September 2013. There have been a few changes to the way that the accounting was done this year. For example, the Outreach Program for Women (OPW) has grown considerably, and now has its own line in Income.

Most of the income came from the Advisory board, OPW sponsorship, corporate sponsorship and private donations. Most of the spending went to employees, OPW and events such as conferences and hackfests. In 2013, the Foundation had a loss of approximately \$80 000, which is partially reflected in funds that were set aside for a system administrator and some OPW invoices which were paid later than expected.

Administrative expenses were on the rise in 2013 as the Foundation sent out an increased number of reimbursements. To reduce these fees in 2014, the Foundation now uses a different bank which charges

less to send and receive international payments. Administration expenses also included costs associated with running web services, and purchasing office supplies and hardware. Employee costs were higher in 2013 as the Foundation contracted Andrea Veri to work on system and service administration using funds that were raised for this purpose.

The main GUADEC expense was travel and accommodation sponsorship: the Foundation sponsored a total of 54 attendees for GUADEC 2013. \$5 000 was received in GSoC royalties, and just over \$2 000 in Amazon referral fees and royalties on merchandise sales. The OPW was the highest expense in 2013, but most of these expenses are expected to be covered by corporate sponsorship. GNOME sponsored two interns in 2013, one in the 5th round and one in the 6th round of the program.

Incomes	2010	2011	2012	2013
Advisory Board	\$160 000	\$190 000	\$150 000	\$140 000
Sponsorship <sup>1</sup>	\$198 300	\$85 889	\$121 584	\$38 635
Donations <sup>2</sup>	\$39 766	\$36 892	\$53 649	\$47 147
GUADEC <sup>3,4</sup>	\$162 811	\$15 600	\$84 269	\$32 906
Royalties <sup>5</sup>	\$1 904	\$12 347	\$8 359	\$7 336
Training	\$17 060	\$0	\$751	\$0
OPW	\$0[6]	\$0[6]	\$0[6]	\$249 500
Other	\$1 517	\$893	\$0	\$5 434
TOTAL	\$581 358	\$341 621	\$418,648	\$521 228

Expenses	2010	2011	2012	2013
Administration	\$10 037	\$26 664	\$11 210	\$17 305
Employees <sup>6</sup>	\$158 510	\$130 279	\$201 934	\$220 262
GUADEC/DS <sup>4</sup>	\$65 439	\$50 897	\$29 953	\$37 377
Hackfests	\$82 681	\$51 661	\$21 932	\$29 534
Other Events	\$45 431	\$31 238	\$34 587	\$19 746
Marketing	\$3 657	\$18 064	\$1 117	\$600
Contracts	\$6 000	\$50 000	\$1 530	\$0
Women's Outreach	\$0	\$76 572	\$106 741	\$275 000
TOTAL	\$371 755	\$435 375	\$409 004	\$600 193

1. From 2012, OPW was moved from "Sponsorship" to its own line
2. One time and subscription donations from individuals.
3. European conferences (GUADEC and Desktop Summit): the income from any specific year often shows up on the budget for the following year.

4. Some GUADEC/DS income and expenses are handled by the organizing teams, so this is not a good indication of turnover.
5. Royalties: merchandise sale royalties and Amazon referral fees
6. We employed an executive director and an administrative assistant, and contracted a system administrator in 2013.



# Accessibility campaign

Accessibility is a core value of the GNOME project, and its mission to bring free software to everyone. The Accessibility team over the last year has been hard at work with making GNOME more accessible to everyone.

Recent improvements include a redesign of the Universal Access panel and improvements in keyboard navigation. Many new additions to GTK+, including popover widgets, now support accessibility out-of-the-box, and Orca has seen a significant performance boost.

Two long-wanted accessibility features that have landed in GNOME in the last year are the addition of caret and focus tracking which simplifies keyboard navigation while the magnifier is in use and the addition of PDF caret and keyboard navigation in Evince, which allows Orca users to read documents in Evince and GNOME Documents.

The Work to improve accessibility of PDF documents was funded by the Friends of GNOME Accessibility Campaign and the Mozilla Foundation, and has been done by Igalia.

The GNOME projects continuing a commitment to a 'built-in' rather than 'bolted-on' approach to accessibility continued to reap rewards over the last several releases.

Looking forward, upcoming improvements include better accessibility support in Evince, which will take advantage of the structural and semantic information, now available through Poppler, work to ensure that a Wayland-based GNOME continues to be accessible to everyone.



# Privacy campaign

Due to events in 2012 such as CISPA (give examples of the issues? CISPA, etc.), computer users' privacy became a topic of concern and which received considerable industry and media attention. Users themselves became aware of their own privacy and to what extent it was being exposed and exploited by software companies and government agencies.

As a free software project dedicated to users' overall experience, the GNOME project is in a unique position to implement features that strengthen users' privacy. This was highlighted by the computer security researcher Jacob Appelbaum at GUADEC 2012. Running a fundraiser centered around privacy was the next logical step for the GNOME Foundation.

The campaign was launched in December 2012 and successfully collected \$20,000 USD during the preceding 7 months. These funds will be used to strengthen and implement new privacy features in GNOME. The end of the campaign doesn't represent the end of the Foundation's privacy efforts - only the beginning. The GNOME Foundation welcomes any individual who would like to make a difference by working on features in GNOME which strengthen privacy.

As a non-profit charity, the GNOME Foundation is dependent on its financial supporters. We encourage parties to either join the advisory board or make an individual donation as part of the Friends of GNOME program.

# Bugzilla statistics

overall stats chart

Overall Statistics	2012	2011	2010
<b>Open Reports at the end</b>	43.298	44.003	42.828
<b>Opened in that year</b>	23.642	28.287	32.232
<b>Closed in that year</b>	24.093	27.552	30.534

(\*): Excludes reports marked as enhancements

## Bugs Closed

Matthias Clasen	1202
André Klapper	864
Bastien Nocera	812
Sebastian Dröge	688
Florian Müllner	574

## Bugs Reported

Adam Dingle	488
Jim Nelson	470
Matthias Clasen	426
William Jon McCann	392
Bastien Nocera	360

## Patches Contributed

Jasper St. Pierre	752
Giovanni Campagna	536
Bastien Nocera	466
Florian Müllner	418
Ryan Lortie	411

## Patches Reviewed

Bastien Nocera	1106
Jasper St. Pierre	1019
Sebastian Dröge	663
Matthias Clasen	600
Colin Walters	570

screenshot

# GNOME Releases

Shell: Search results and settings

Initial GNOME 3 versions revamped the way we start and interact with our machines. Now is the next step. Polishing and delivering apps that makes a complete experience.

HiDPI Some interesting things have happened in the hardware space the last couple of years. One of them being touch capabilities on regular laptops getting more and more common and the other the rise of high resolution displays. For a long time, laptops screens were stuck at resolutions of around 1200-1600 for 13-15 inch laptops, but recently it's been more and more common with screens that sport 2560 or even 3200. These screens are intended to run in HiDPI mode, with the intent of using the double amount of pixels to display smoother graphics and fonts. The support for this up until now on Linux has been quite poor. Instead of smoother graphics, objects on the screen have just been tiny and hard to hit with a mouse or touchpad. Alexander Larsson wanted to fix this and, thanks to a donated Chromebook Pixel laptop from Brion Vibber, he sat down and did the needed changes across the stack. The work needed modifications not only in the GNOME shell and GTK+, but also in X, Wayland, Cairo and Clutter. The initial support was added in 3.10 and rounded out in 3.12. Something about Wayland at the end.

Applications In the software space, the increased usage of cloud storage have lead to people expecting that they will have access to the same content across their devices. In order to meet this requirement,

the project has done an initiative for the last couple of releases to create a whole suite of applications that complement the shell. They can use both local and online storage, the sources of which are controlled in Online Accounts. These applications also drive the shell search so any content is just some keystrokes away. The ability for users to control their notifications has also been added to system settings. In addition to these, there has been a number of utilities, apps, and a Software Installer in order to find new software.

Documents was introduced already in GNOME 3.4 but got a good amount of updates.

Photos can use both Facebook and Flickr.

3.8 New Clocks Updated Documents  
Updated contacts New Weather New Notes

3.10 New Software New Photos New Maps

Setting up your online accounts can be done in the new initial setup assistant.

Photos can view not only your local files, but also photos from Facebook and Flickr. Applications for Documents, Photos, Videos and Music. Documents and Contacts introduced in 3.4 Clocks, Maps, Software, Notes, Weather.

Documents and Contacts introduced in 3.4 Clocks, Maps, Software, Notes, Weather.

Privacy In the wake of the privacy breach revelations made the last couple of years, it became evident that any modern operating System should respect your privacy and

# Advisory board

The Advisory Board is made up of organizations and companies that support GNOME. Advisory Board membership helps support the overall infrastructure for GNOME and its members communicate with the Board of Directors, helping them to guide the direction of GNOME and the Foundation. The Advisory Board has no decision-making authority but provides a vehicle for its members to communicate with the Board of Directors and help the Directors guide the overall direction of GNOME and the GNOME Foundation.

The Advisory Board consists of representatives from the following GNOME Foundation member corporations and projects:

**CANONICAL**



**Google**



**mozilla**



PRIVATE INTERNET

ACCESS LOGO



Software Freedom  
Law Center

**sugarlabs**



Without these companies and organizations our conferences and hackfest wouldn't have been possible.

???

What photo here?

**Thank to all friends of GNOME that contributed in 2013!**

[Get a list here](#)



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