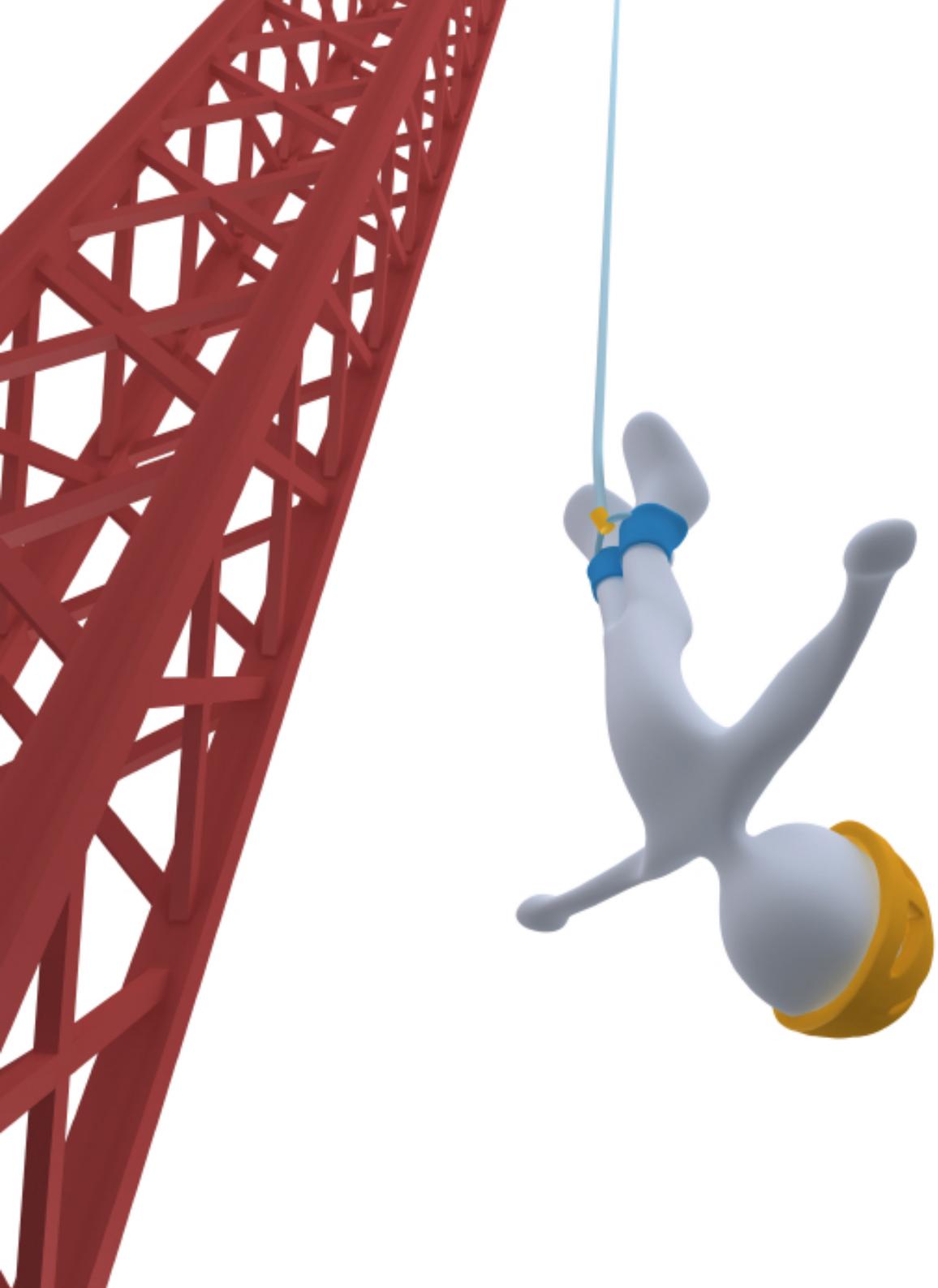


# Making Your First Open-Source Contribution



Julie Pichon  
<http://www.jpichon.net>





From 0 to 1

# **Everyone** can contribute



# Where to start?



«OpenHatch is an open source  
community aiming to help  
newcomers find their way into free  
software projects.»





# Contributor guidelines



## GNOME Love

GNOME Love is *the* place to learn how to start contributing to GNOME. These pages are full guidance that will help you to become a member of the GNOME community. You can also get help from existing GNOME contributors and find tasks to get started on.

### Getting Started as a GNOME Contributor

Welcome to GNOME! This is a great place to learn new skills, make friends, have fun and be a part of an inspirational Free Software project. This getting started guide explains the most essential things that you need to know to start participating and contributing.

- [Learning your way around](#) - get a guided tour of the most important parts of the project.
- [Finding tasks](#) - how to find things to work on in GNOME. This covers both coding and non-coding tasks.
- [General advice](#) - general advice and tips on becoming a GNOME contributor.
- [Running the latest development code with JHBuild](#) - whether you want to try the latest features or contribute to the coding effort, using the latest development code is an essential step.
- [Contributing code by submitting patches](#) - the essential steps to submit a code contribution.

### Contents

#### 1. GNOME Love

- 1. [Getting Started as a GNOME Contributor](#)
- 2. [Getting Help and Advice](#)
- 3. [Development Guidance and Tutorials](#)
  - 1. [General Resources](#)
  - 2. [Tips & Tricks](#)
  - 3. [GUI](#)
  - 4. [Other](#)
  - 5. [Books](#)
- 4. [Internationalization](#)
- 5. [Archive](#)
  - 1. [GNOME Love Days](#)
  - 2. [Old Mentoring and Project Ideas](#)

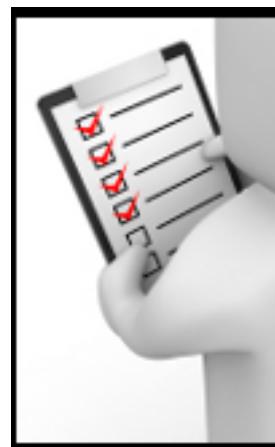
**Read**  
the contributor  
guidelines



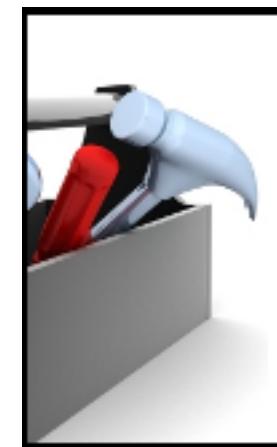
**Find**  
the bug



**Use**  
the bug tracker



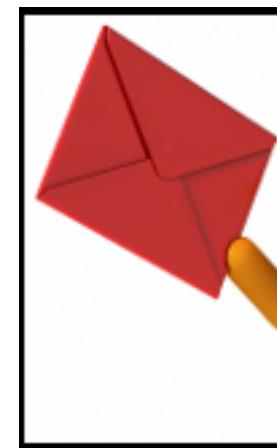
**Fix**  
it!



**Build**  
the software



**Submit**  
your patch



# Bug tracker

## GNOME Bugzilla – Bug List

[Home](#) | [New](#) | [Browse](#) | [Search](#) |  [Find](#) | [Reports](#) | [Help](#) | [New Account](#) | [Log In](#) | [Forgot Password](#)

Tue Aug 23 2011 21:17:19 UTC

Status: UNCONFIRMED, NEW, ASSIGNED, REOPENED, NEEDINFO

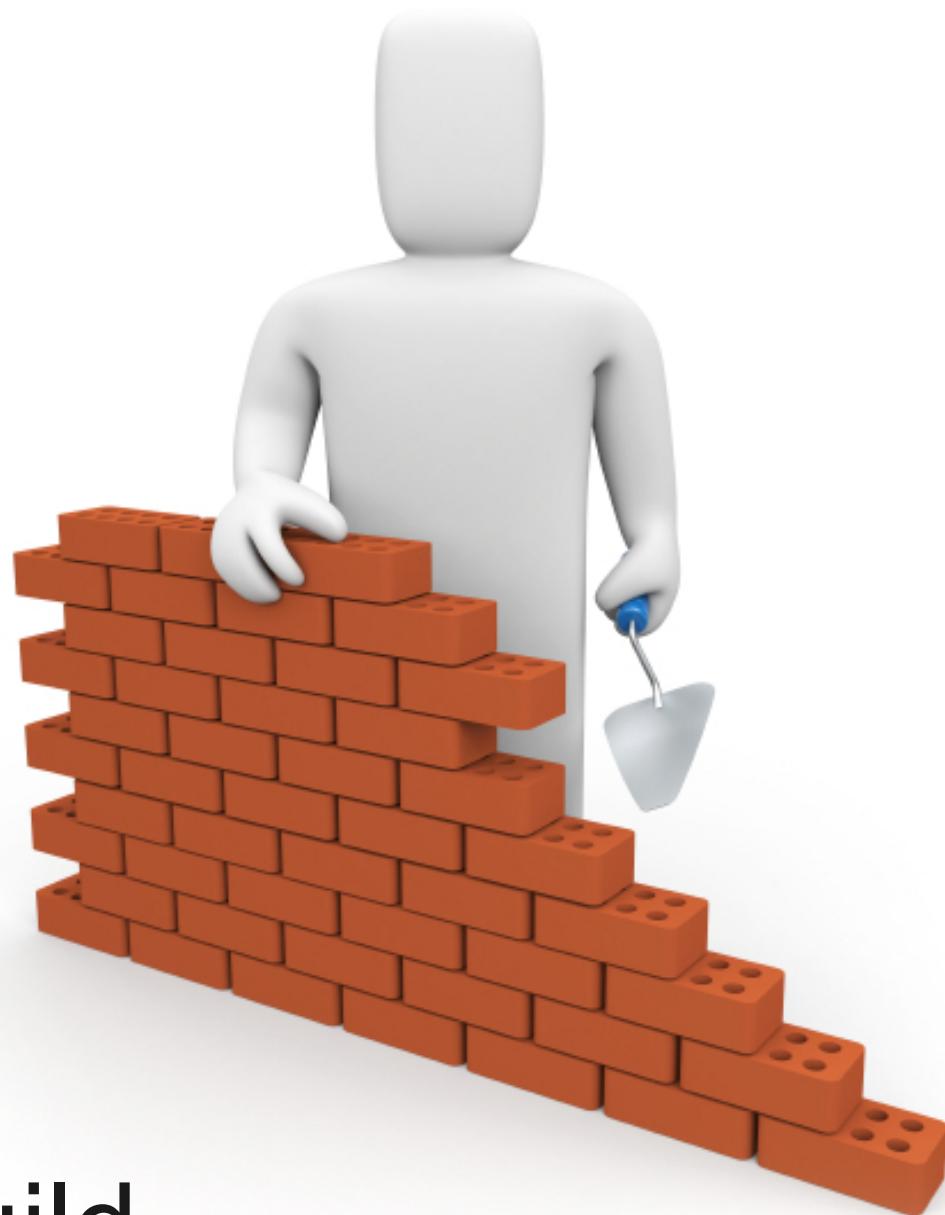
Product: gnome-terminal

Keywords: gnome-love

| ID                     | Sev | Pri | OS   | Product        | Status | Resolution | Summary   |
|------------------------|-----|-----|------|----------------|--------|------------|---|
| <a href="#">501520</a> | enh | Nor | All  | gnome-terminal | UNCO   |            | Open Terminal: Maximized if current window is maximized?  |
| <a href="#">579681</a> | enh | Nor | All  | gnome-terminal | UNCO   |            | Support ctrl+= for zoom in, and keypad for zoom in/out    |
| <a href="#">544101</a> | min | Nor | All  | gnome-terminal | UNCO   |            | gnome-terminal documentation vague about custom_command   |
| <a href="#">87991</a>  | enh | Nor | Linu | gnome-terminal | NEW    |            | Hidden menu should be shown on F10                        |
| <a href="#">383031</a> | min | Nor | All  | gnome-terminal | NEW    |            | left/right confusion in menu item labels in RTL languages |

5 bugs found.





# Build

# Training missions

for contributing to open source software



These missions will allow you to learn some skills that will help you successfully contribute to free/open source projects.

We developed them as part of John's Google Summer of Code project, which you can [read more about in the OpenHatch blog](#).

We're looking for feedback. Please [get in touch with us](#) and let us know what you think. Our plan is to polish up these missions and then write a HOWTO guide explaining how other people can add their own missions.

## Using tar

Learn how to work with tar archives.

[Go to this mission](#)

## Using diff and patch

Learn how to use diff and patch to submit changes to a project or apply others' changes.

[Go to this mission](#)

## Using Subversion

Learn how to interact with projects that use the Subversion version control system.

[Go to this mission](#)

## Using Git

Learn how to interact with projects that use the Git version control system.

[Go to this mission](#)

Find and fix



## Bug 582861 - Tango profile black color is not black

**Mike Smith [reporter] 2009-05-16 12:19:00 UTC**

**Description**

Please describe the problem:

The Tango profile's black is not black, but dark gray. This looks ugly when the background color is set to black over a black terminal window.

Steps to reproduce:

Run a program that explicitly sets the background color to black while using the Tango palette.

Example: echo -e '\e[37;40mtest\e[0m'

Actual results:

<http://img521.imageshack.us/img521/3223/screenshotterminal.png>

Expected results:

Text on a black background.

Does this happen every time?

Only when the background is explicitly set to black by the application.

Other information:

**Christian Persch [gnome-terminal developer] 2009-07-24 22:28:03 UTC [Comment 1](#)**

Easy fix (src/terminal-profile.c).



Submit



# Wait



Expected results:  
Text on a black background.

Does this happen every time?  
Only when the background is explicitly set to black by the application.

Other information:

---

**Christian Persch [gnome-terminal developer]** 2009-07-24 22:28:03 UTC [Comment 1](#)

Easy fix (src/terminal-profile.c).

---

**Julie Pichon** 2009-08-16 16:40:20 UTC [Comment 2](#)

[Created an attachment \(id=140897\)](#) [\[details\]](#)

Proposed patch

Please find a potential patch attached (got here following the gnome-love keyword, thanks!).

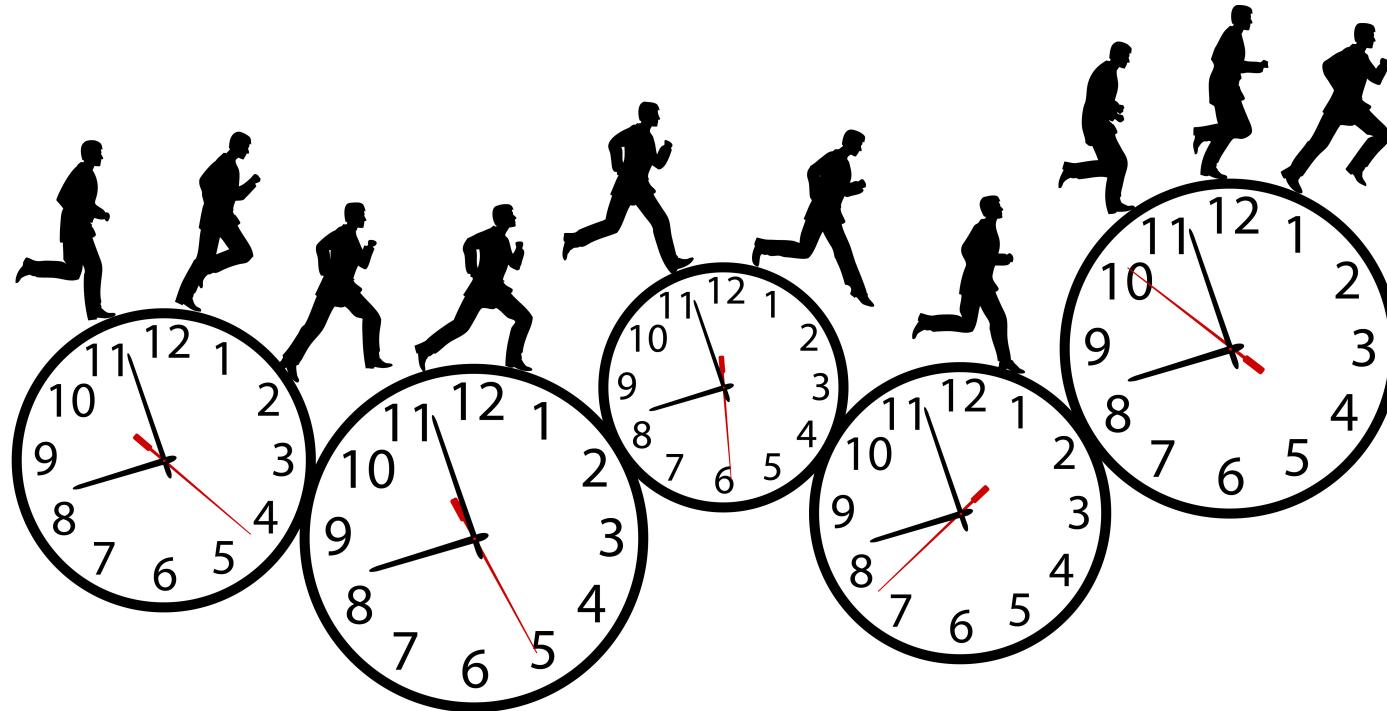
---

**Christian Persch [gnome-terminal developer]** 2009-08-16 17:53:57 UTC [Comment 3](#)

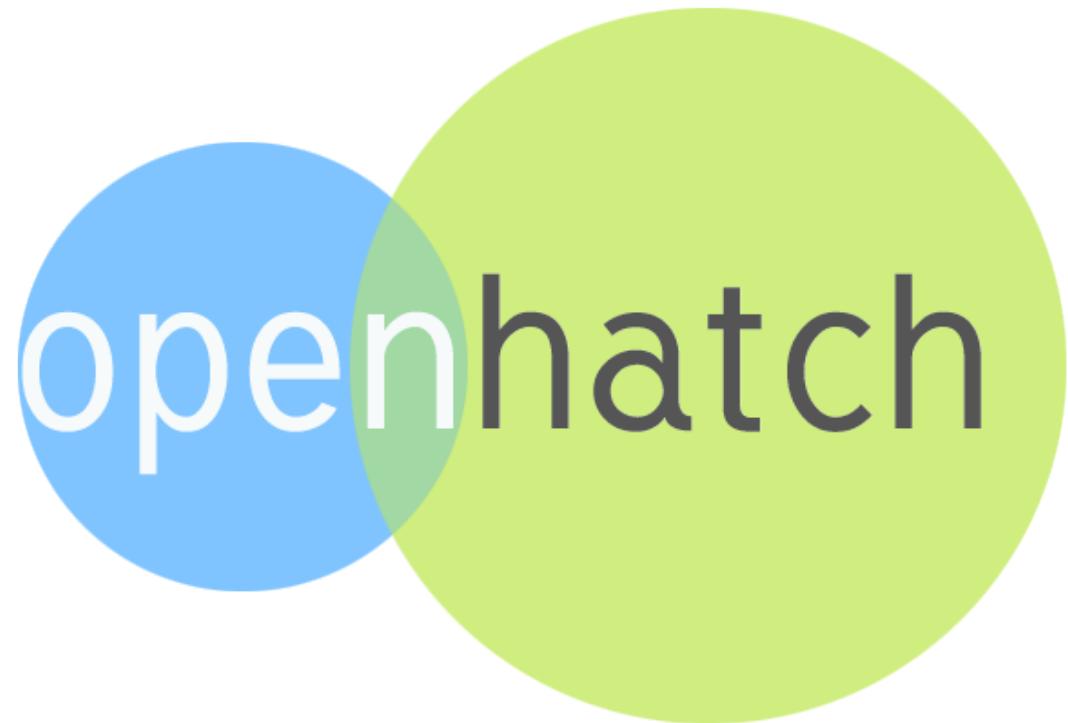
Committed; thanks!

Unfortunately due to how the profile colours work, you have to re-set the schema to "Tango" in the profile prefs in order to get the right colour.

# Never enough people



# Never enough time



<http://openhatch.org>

# Questions?

