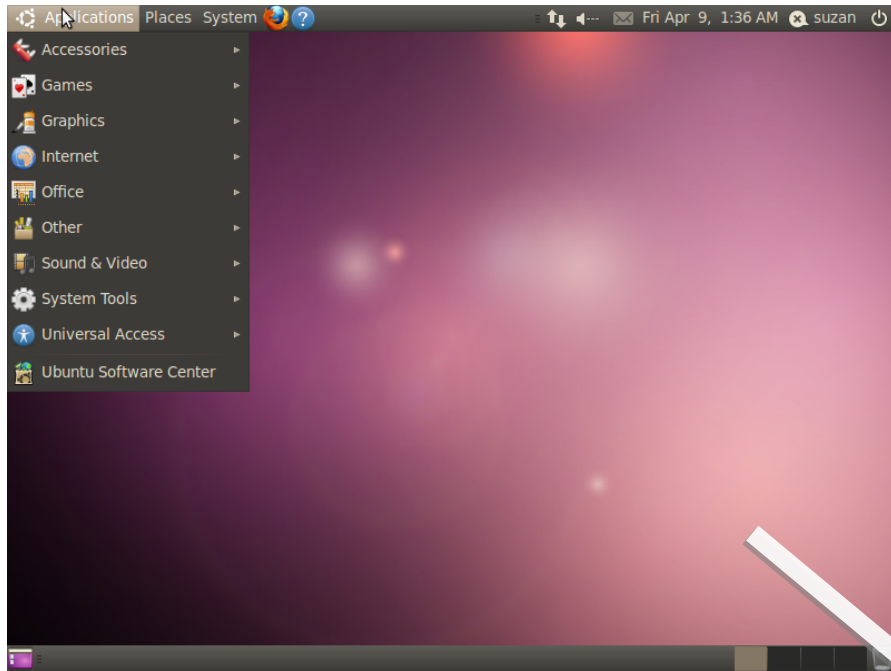


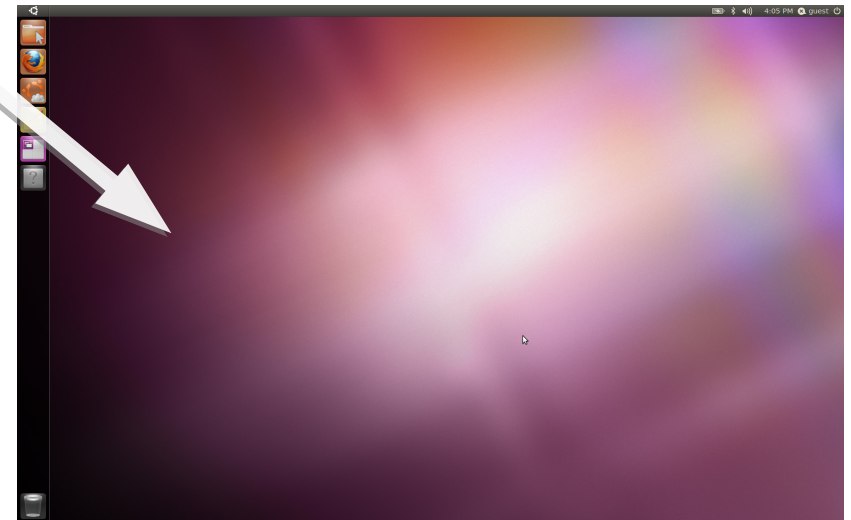
# Contributing to Unity

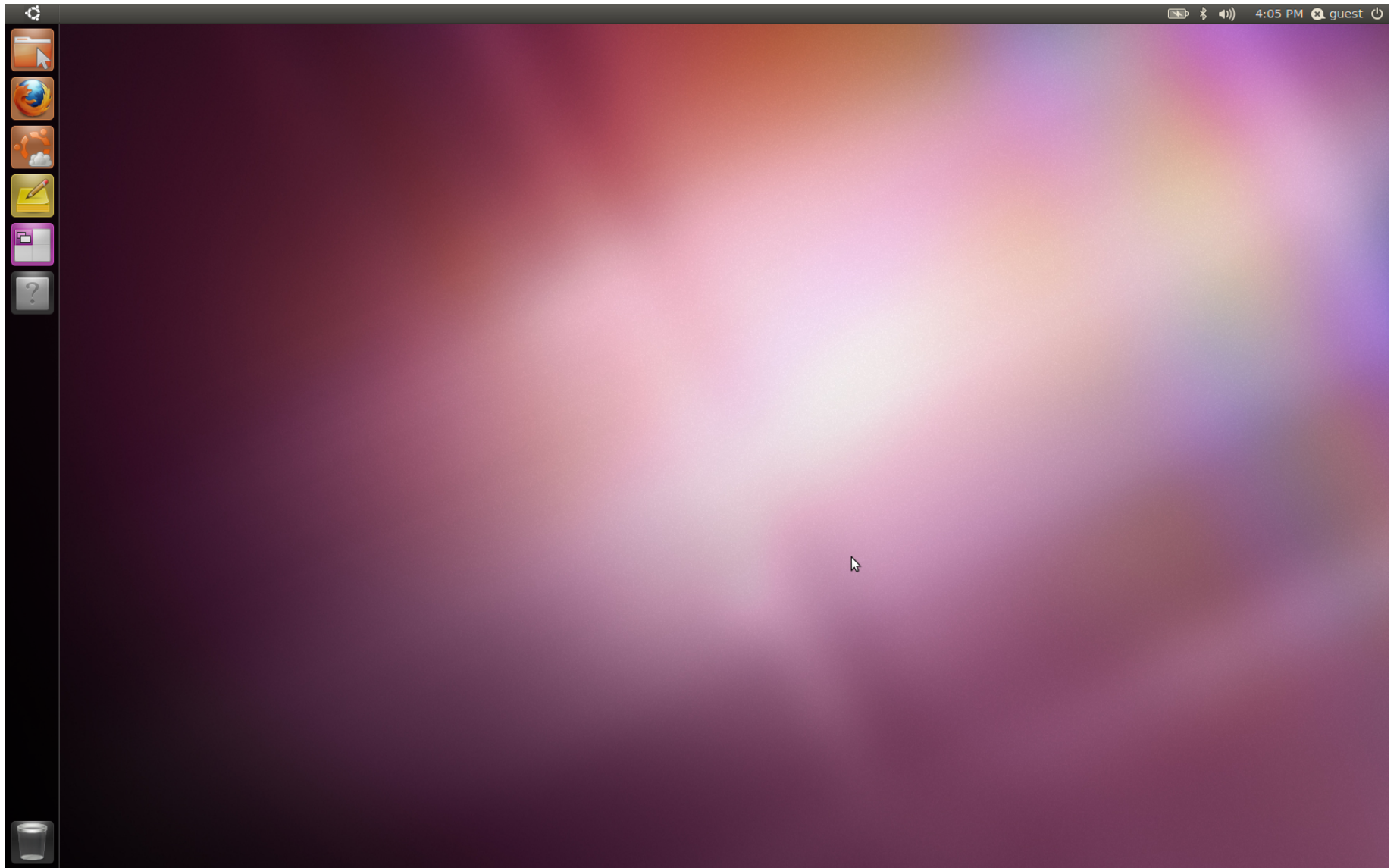
Ted Gould  
Ubucon SCALE 9x

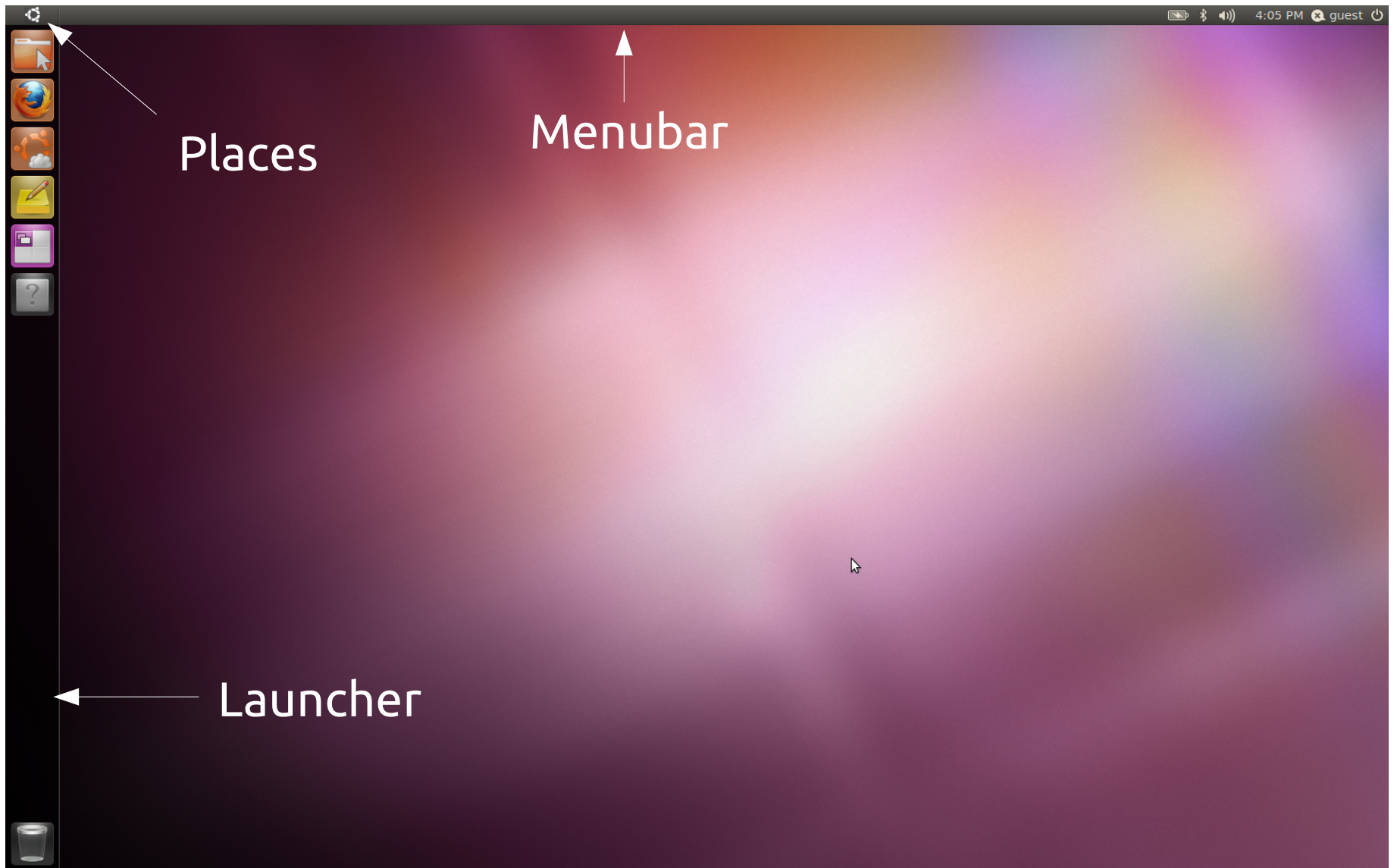
You represent  
**THE INTERNET!**



# Natty brings a big change







# Helping users understand

The screenshot shows the Ask Ubuntu website interface. At the top, there's a navigation bar with the 'ask ubuntu' logo and links for 'Questions', 'Tags', 'Users', 'Badges', and 'Unanswered'. The main content area is titled 'Top Questions' and features a list of questions with their respective statistics (votes, answers, views) and tags. The questions listed are:

- Why doesn't my graphic card software support 1280\*1024? (3 votes, 1 answer, 43 views, tags: 10.04, nvidia, graphics)
- Inetd limit access to one user (0 votes, 1 answer, 2 views, tag: security)
- Video recording in cheese is slow (4 votes, 5 answers, 441 views, tag: cheese)
- Are there plans for handwriting recognition? (11 votes, 2 answers, 200 views, tags: tablet, input-method)
- Gnome Activity Journal does not show recently used files (3 votes, 5 answers, 143 views, tag: +50)

On the right side, there are sections for 'Ask question', 'Favorite Tags', 'Ignored Tags', and '52 People Chatting'. The '52 People Chatting' section lists 'Ask Ubuntu General Room' and 'Ubuntu Development'.

# Helping users understand

The screenshot shows the Ask Ubuntu website interface in a Mozilla Firefox 4.0 Beta 11 browser window. The page title is "Ask Ubuntu - Stack Exchange". The URL is "http://askubuntu.com/". The user is logged in as "Ted Gould 518". The page features a navigation bar with "ask ubuntu" logo and links for "Questions", "Tags", "Users", "Badges", and "Unanswered". A large orange arrow points to the "Ask question >" button. Below the navigation bar, there is a "Top Questions" section with filters for "ACTIVE", "FEATURED", "HOT", "WEEK", and "MONTH". The top question is "Why doesn't my graphic card software support 1280\*1024?" with 3 votes, 1 answer, and 43 views. Other questions include "Inetd limit access to one user", "Video recording in cheese is slow", "Are there plans for handwriting recognition?", and "Gnome Activity Journal does not show recently used files". On the right side, there are sections for "Favorite Tags", "Ignored Tags", and "52 People Chatting".

Rank	Votes	Answers	Views	Question Title	Tags	Time Ago	Author	Score
3	1	43	Why doesn't my graphic card software support 1280*1024?	10.04, nvidia, graphics	10m ago	Allwar	48	
0	1	2	Inetd limit access to one user	security	16m ago	João Pinto	5,324	
4	5	441	Video recording in cheese is slow	cheese	19m ago	linud	1	
11	2	200	Are there plans for handwriting recognition?	tablet, input-method	32m ago	user11302	1	
3	5	143	+50 Gnome Activity Journal does not show recently used files					

# Editing Questions

The screenshot shows a web browser window with the URL `http://askubuntu.com/questions/13562/how-do-we-get-this-magic-performance-boosting-200-line-patch`. The page title is "How do we get this magic performance-boosting 200 line patch?".

The question text is: "I read today on Phoronix that there is a 200 line patch to the Linux Kernel which dramatically improves desktop responsiveness. How can Ubuntu users get this in a way that's supported?"

Tags: kernel, performance, patch

Asked: Nov 16 '10 at 23:13 by popey (1,403 votes)

Edited: Nov 16 '10 at 23:20 by Jorge Castro (12.4k votes)

7 Answers

Answer 1 (46 votes, checked): Discussion regarding this specific patch took place on the Ubuntu kernel-team mailing list: <https://lists.ubuntu.com/archives/kernel-team/2010-November/013498.html>. But let me try to elaborate even more generically about the best way for any patch to make it's way into the Ubuntu kernel... First, it's the preferred policy of the Ubuntu Kernel Team that patches be submitted and accepted upstream before being pulled into the Ubuntu kernel. It's a large maintenance burden on the Ubuntu Kernel Team to have to maintain out of tree patches. Additionally, if the patch will benefit the entire Kernel Community, it should go upstream first. Once the patch has been accepted upstream, it will eventually make its way into the Ubuntu kernel

Visit Meta: Should we add the SE network OSS ads? Ayatana tag becoming too meta? How to improve my accept rate? The "emphasis" symbol in the editor design issue. Please can we destroy the subjective tag?

27 People Chatting



# Enhancing Answers

How to remove shadow from gnome-panel? - Ask Ubuntu - Stack Exchange - Mozilla Firefox 4.0 Beta 11

ask http://askubuntu.com/questions/5669/how-to-remove-shadow-from-gnome-panel

11

If you want to keep shadows on windows but remove them from the panel, install `compizconfig-settings-manager` you can use go to Window decoration

and set **Shadow windows** to `(any) & !(type=Dock)`.

Related

- How do I add shadow to my Gnome Menu Bar?
- How to enable the shadow of the top Gnome panel?
- Disable Compiz Shadow for a specific panel?
- Resetting gnome panel
- Gnome- vs Unity-panel (applet) compatibility?
- Basic analogue clock for the GNOME panel?
- How can I add the Network Manager Applet to the panel after removing?
- How do you edit a full GNOME Panel?
- Is there a dock, that works as a gnome panel applet?
- How can I drag windows over the panel?
- How can I find out what is causing my gnome-panel to freeze?
- How can I customize the gnome panels in Ubuntu NetBook edition?
- Where can I find the gnome applets scripts that I can look at them?
- gnome-settings-daemon doesn't apply themes, unless I kill it and start it manually
- A few items are missing from my panel and I'm not sure how to get them back

# Translations

The screenshot shows a web browser window with the following details:

- Browser Title:** Spanish (es) : Template "unity" : "unity" source package : Translations : Natty (11.04) : Ubuntu - Mozilla Firefox 4.0 Beta 11
- Address Bar:** <https://translations.launchpad.net/ubuntu/natty/+source/unity/+pots/unity/es/+translate>
- Page Header:** Ubuntu logo, Overview, Code, Bugs, Blueprints, **Translations**, Answers. User: ted • Log Out
- Section Title:** Translating into Spanish
- Breadcrumbs:** Ubuntu » Natty (11.04) » Translations » "unity" source package » Template "unity" » Spanish (es)
- Notification:** Before translating, be sure to go through [Ubuntu Translators instructions](#) and [Spanish guidelines](#).
- Actions:** Download translation, Translation details, Search: [input field]
- Filters:** Translating [all items] using [no value] as a guide. [Change]
- Results:** 1 → 10 of 19 results. Navigation: First • Previous • **Next** • Last
- Item 1:**
  - English:** Keep in Launcher
  - Current Spanish:** Mantener en el lanzador
    - Translated by Paco Molinero on 2010-07-23
    - Reviewed by Paco Molinero on 2010-12-16
  - New suggestion:** [input field]
- Item 2:**
  - English:** Remove from launcher
  - Current Spanish:** Eliminar del lanzador
    - Translated by Julian on 2010-07-24
    - Reviewed by Paco Molinero on 2010-12-21
  - New suggestion:** [input field]

# Documentation



# Design Updates

Canonical Design - Mozilla Firefox 4.0 Beta 11

http://design.canonical.com/

The blog The design team The research The toolkit

CANONICAL DESIGN

Search

session) community

10:00..10:55

Major-Minor Version upgrades

workflow for integrating partner team components

Eucalyptus auto registration (cont'd)

Lucid Kernel SLO policy review

11:00..11:45

Printer driver manufacturer package

UEC testing qa server

Identity management reference/test

Suspend Resume Improvement

Ubuntu LoCo Leadership

## Thunderbird in the Usability Lab!

February 16th, 2011 by Charline Poirier

Categories: currentwork, research, usability

33 Comments

I have just completed sessions of usability testing of Thunderbird. This time, I had the pleasure of working with Andreas Nilsson, who came to London to observe the sessions. It was very useful to get his feedback and to work collaboratively with him on the analysis and implications of the findings. In addition

### The toolkit

- Battery status menu
- Brand Assets
- Brand Communication Guide
- Canonical Brand Guidelines
- Guidelines for websites
- Ubuntu Brand Guidelines
- List of Ubuntu Trademarks
- Unity Gesture UI Guidelines

# Design Discussion

Ayatana Discussion in Launchpad - Mozilla Firefox 4.0 Beta 11

launchpad.net https://launchpad.net/~ayatana

**Ayatana Discussion** ted • Log Out

Overview Code Bugs Blueprints Translations Answers

This is the group of people interested in the Ayatana initiative. See <https://launchpad.net/ayatana>

Related software and packages

**Team details**

**Email:**  
ayatana@lists.launchpad.net

**Owner:** David Barth

**Created on:** 2009-04-06

**Languages:** English

**Subscription policy:** Open Team

**534 active members** All members  
You are a member of this team.

Show member photos

**Latest members**

- Alex Eftimie
- Duy Anh
- Mitja Pagon
- Kamus
- Kevin Liao

Public team

Contact this team's email address

Add one of my teams

Leave the Team

**Mailing list**

ayatana@lists.launchpad.net

**Policy:** You must be a team member to subscribe to the team mailing list.

Unsubscribe

View public archive

View subscribers

**Related projects** Show related projects

# Bugs, bugs, bugs

**The Ayatana Project**

Overview Code **Bugs** Blueprints Translations Answers

## Bugs in The Ayatana Project

The Ayatana Project » Bugs

by importance Search

Advanced search

1 → 75 of 1567 results

Summary	Project	Importance	Status	Heat
421375 netbook-launcher crashed with SIGSEGV in clutter_actor_get_preferred_width()	clutk	Critical	In Progress	👤👤👤👤
651637 bamfdaemon crashed with SIGSEGV in XInternAtom()	bamf	Critical	Triaged	👤👤👤👤
662618 dash times out	unity	Critical	Fix Committed	👤👤👤👤
676593 Bamf doesn't recognize just installed applications	bamf	Critical	Confirmed	👤👤👤👤
683523 compiz crashed with SIGSEGV in CompPlugin::windowInitPlugins()	unity	Critical	In Progress	👤👤👤👤
684539 Unity does not update when screen resolution changes	unity	Critical	Triaged	👤👤👤👤
685682 [Fglrx] compiz crashed with SIGSEGV in nux::OpenGLSurface::UnlockRect()	unity	Critical	Triaged	👤👤👤👤
686698 compiz crashed with SIGSEGV in nux::OpenGLSurface::UnlockRect()	unity	Critical	Confirmed	👤👤👤👤
687660 Empty desktop after login	unity	Critical	Triaged	👤👤👤👤

Report a bug

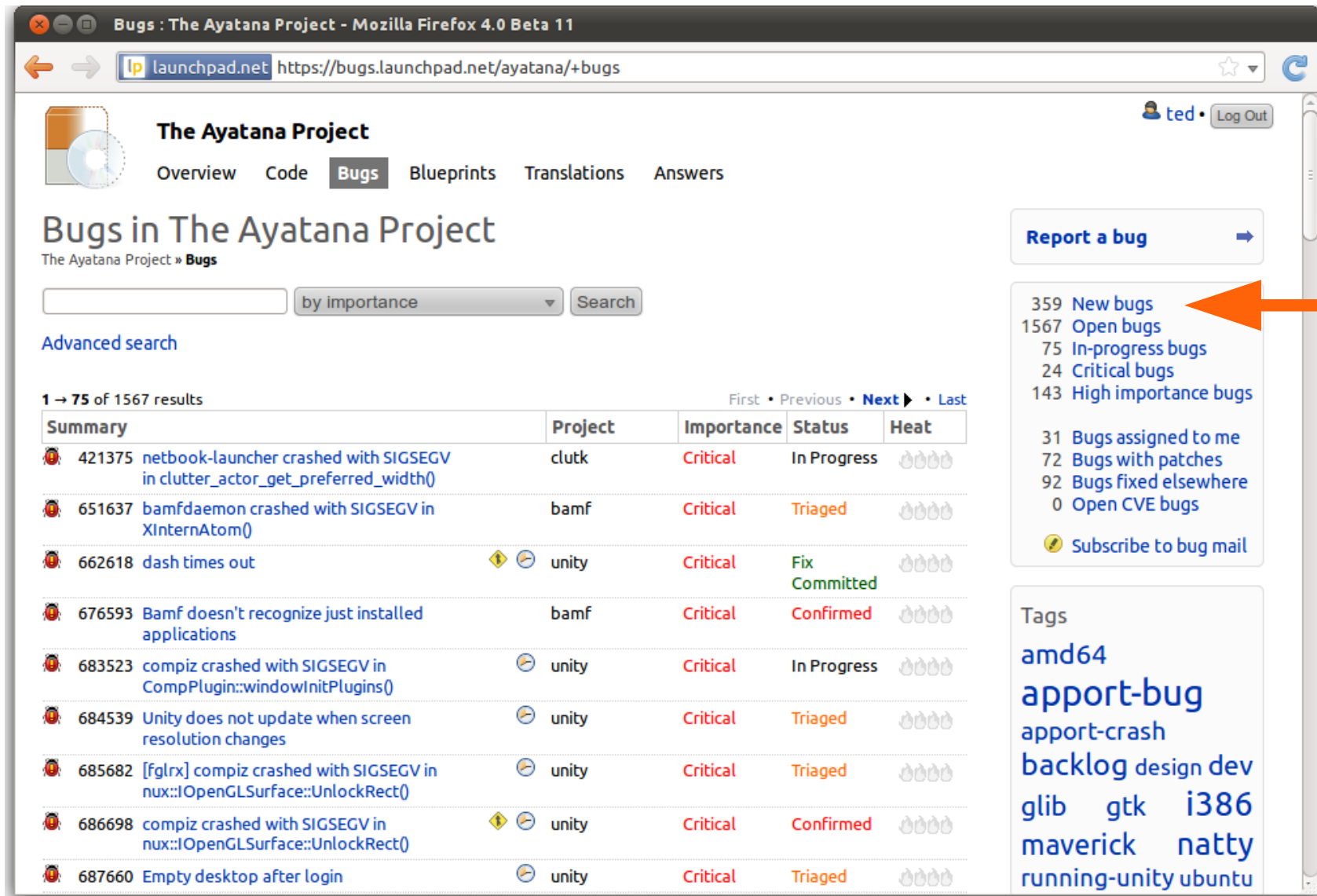
359 New bugs  
1567 Open bugs  
75 In-progress bugs  
24 Critical bugs  
143 High importance bugs

31 Bugs assigned to me  
72 Bugs with patches  
92 Bugs fixed elsewhere  
0 Open CVE bugs

Subscribe to bug mail

Tags  
amd64  
appport-bug  
appport-crash  
backlog design dev  
glib gtk i386  
maverick natty  
running-unity ubuntu

# Bugs, bugs, bugs



**The Ayatana Project**  
Overview Code **Bugs** Blueprints Translations Answers

## Bugs in The Ayatana Project

The Ayatana Project » Bugs

by importance Search

Advanced search

1 → 75 of 1567 results

Summary	Project	Importance	Status	Heat
421375 netbook-launcher crashed with SIGSEGV in clutter_actor_get_preferred_width()	clutk	Critical	In Progress	👤👤👤👤
651637 bamfdaemon crashed with SIGSEGV in XInternAtom()	bamf	Critical	Triaged	👤👤👤👤
662618 dash times out	unity	Critical	Fix Committed	👤👤👤👤
676593 Bamf doesn't recognize just installed applications	bamf	Critical	Confirmed	👤👤👤👤
683523 compiz crashed with SIGSEGV in CompPlugin::windowInitPlugins()	unity	Critical	In Progress	👤👤👤👤
684539 Unity does not update when screen resolution changes	unity	Critical	Triaged	👤👤👤👤
685682 [Fglrx] compiz crashed with SIGSEGV in nux::OpenGLSurface::UnlockRect()	unity	Critical	Triaged	👤👤👤👤
686698 compiz crashed with SIGSEGV in nux::OpenGLSurface::UnlockRect()	unity	Critical	Confirmed	👤👤👤👤
687660 Empty desktop after login	unity	Critical	Triaged	👤👤👤👤

**Report a bug**

- 359 New bugs
- 1567 Open bugs
- 75 In-progress bugs
- 24 Critical bugs
- 143 High importance bugs

- 31 Bugs assigned to me
- 72 Bugs with patches
- 92 Bugs fixed elsewhere
- 0 Open CVE bugs

Subscribe to bug mail

Tags

- amd64
- appport-bug
- appport-crash
- backlog design dev
- glib gtk i386
- maverick natty
- running-unity ubuntu

# Disenfranchised Users

ID	Title	Component	Status	Priority	Unloved
655628	should build without GTK deprecations	indicator-applet	Undecided	New	0/5
595051	notification area tooltips behave in a strange way when an indicator applet is open	indicator-applet	Undecided	New	0/5
657794	French version - name of folders	unity-place-files	Undecided	New	0/5
658824	Too many items in appmenu indicator while the desktop is on focus	indicator-applet	Undecided	New	0/5
659722	battery menu shows discharging when it's charging	indicator-applet	Undecided	New	0/5
660269	Better keyboard layout distinction in keyboard indicator	indicator-applet	Undecided	New	0/5
661041	Notification styling needs to be coherent with other overlays	notify-osd	Undecided	New	0/5
661213	Duplicate entries in Places menu when desktop in focus. Also too many separators in Appmenu. No wastebasket icon.	indicator-applet	Undecided	New	0/5
664740	applications search doesn't work from live USB stick	unity-place-applications	Undecided	New	0/5
665004	notification not shown near panel	notify-osd	Undecided	New	0/5
665390	O.S. Freezed on snapshot of "Indicator Applet" menu	indicator-applet	Undecided	New	0/5
665954	No menu for 'LyX'	indicator-applet	Undecided	New	0/5
666946	indicator applet displays time unreadable	indicator-applet	Undecided	New	0/5
668509	focus of the application window when it's open	indicator-applet	Undecided	New	0/5
669103	Impossible to shut down or restart after installing Ubuntu	indicator-applet	Undecided	New	0/5
669536	Indicator Applet also shows application menu	indicator-applet	Undecided	New	0/5
550566	Full-screen window prevents notification on other workspaces or monitors	notify-osd	Undecided	New	0/5
664711	Change to new BAME menu transient API	hamf	Undecided	New	0/5

New + Undecided =  
Unloved



# Clarify Situation

“When I open the menu at the top of the screen it comes up with the wrong values.”

**Q:** Which menu?

**Q:** What do you expect the menu to look like

**Q:** Does this happen all the time?

Is there enough information that you can recreate the bug? Do it. Did it happen the same?

# Verify Updates

Over time bugs get fixed. But, sometimes the bug reports lag behind.

*“Can you still recreate this on a current build?”*

*“I think a recent update fixed this, can you verify?”*

*“I can no longer recreate this bug.”*

# Building a new Unity

**# Get build dependencies**

```
$ sudo apt-get build-dep unity
```

**# Get the packaging branch**

```
$ bzr branch lp:~ubuntu-desktop/unity/ubuntu
```

**# Change into that directory**

```
$ cd ubuntu
```

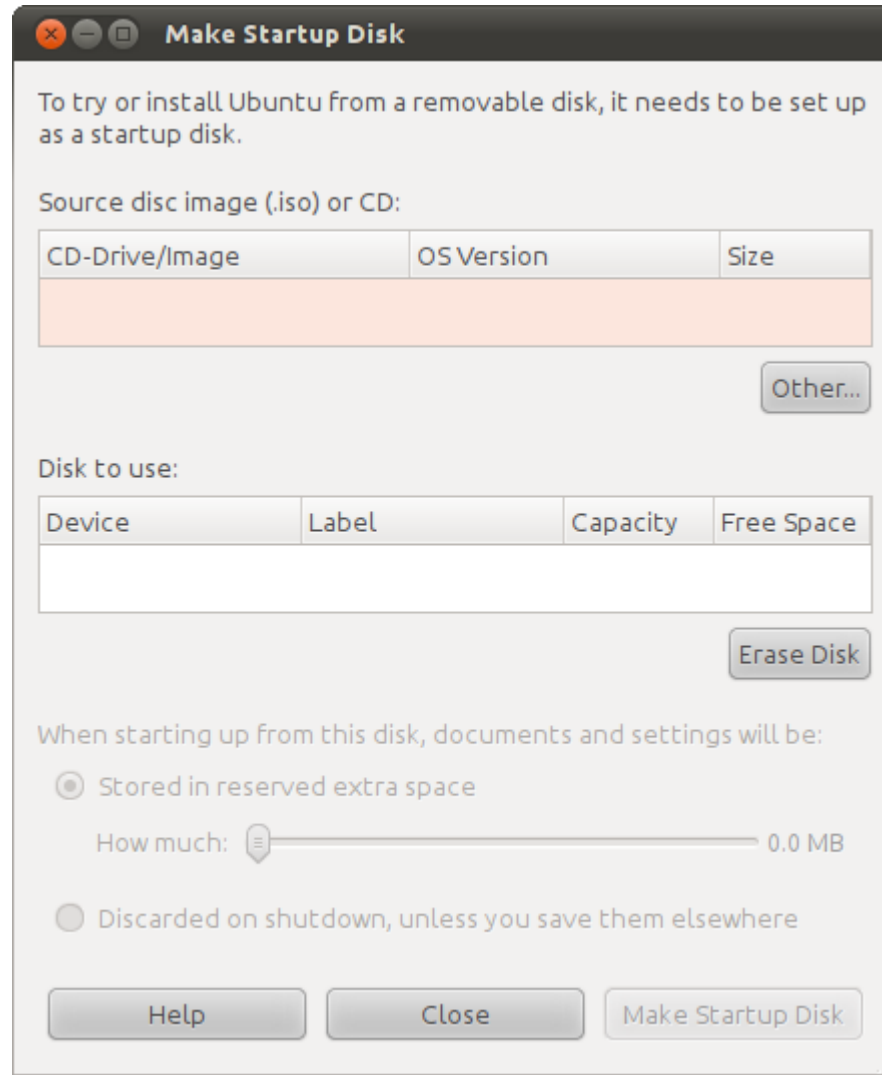
**# Grab the latest Unity**

```
$ bzr merge lp:unity
```

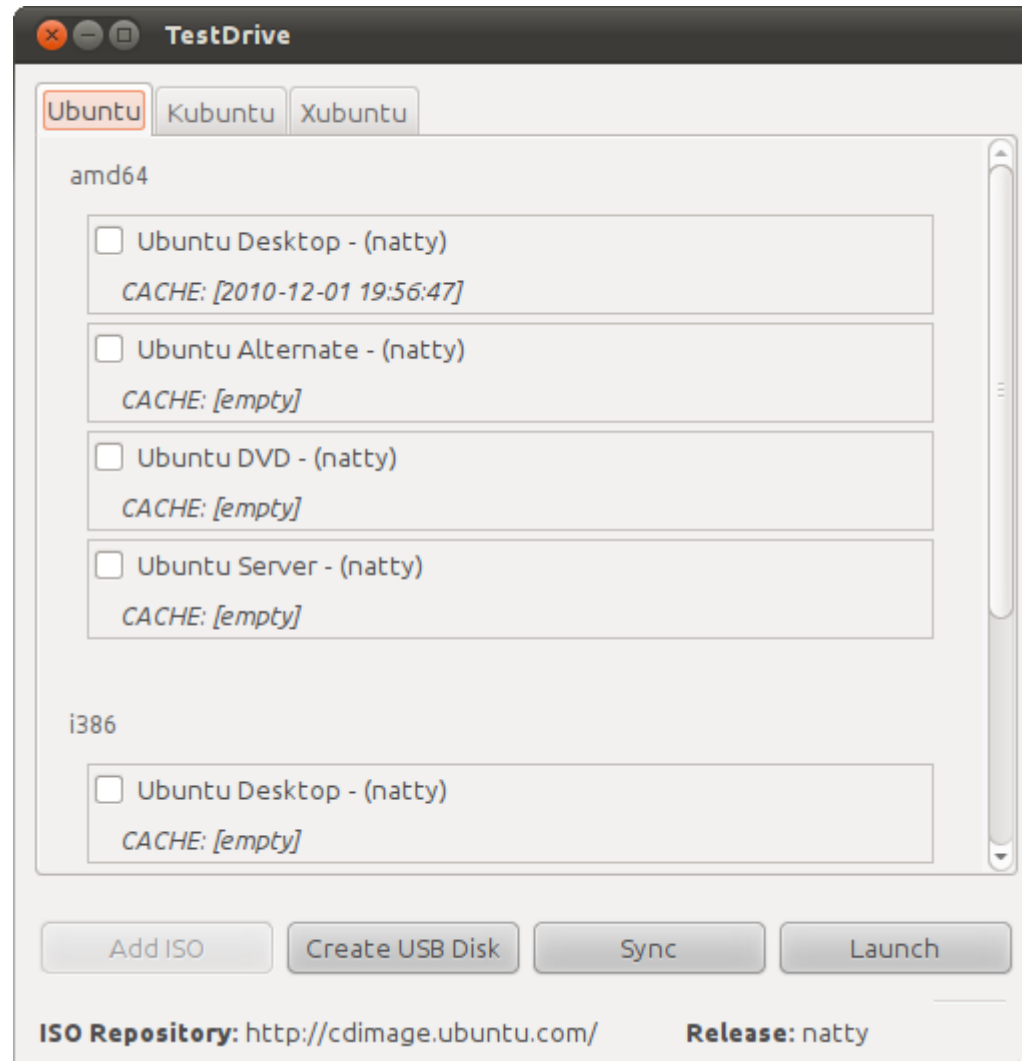
**# Build a package without signing it**

```
$ bzr bd
```

# Using a USB key



# Test Drive



# Developing Unity

## Chat:

#ayatana on Freenode

## E-mail:

<http://launchpad.net/~ayatana-dev>

## Code Reviews:

<http://launchpad.net/ayatana/+activerreviews>

## Documentation:

<http://wiki.ubuntu.com/Unity/>

# Bitsize Bugs

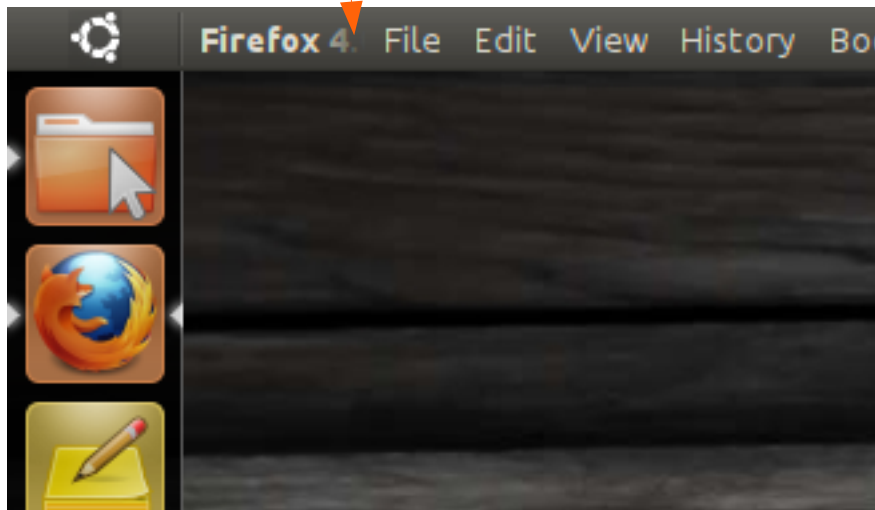
The screenshot shows the Launchpad bug tracker for Unity, filtered by 'bitsize'. The browser title is 'Bugs in Unity : Bugs : Unity - Mozilla Firefox 4.0 Beta 11'. The URL is 'https://bugs.launchpad.net/unity/+bugs?field.tag=bitsize'. The page header includes the Unity logo, navigation links (Overview, Code, Bugs, Blueprints, Translations, Answers), and a user profile for 'ted' with a 'Log Out' button. The main heading is 'Bugs in Unity' with a breadcrumb 'Unity » Bugs » Bugs in Unity'. Below the heading is a search bar and a dropdown menu set to 'by importance'. A link for 'Advanced search' is also present. A note states 'Ubuntu also tracks bugs for packages derived from this project: unity in ubuntu.' The main content area shows '1 -> 21 of 21 results' and a table of bugs. The table has columns for Summary, Importance, Status, and Heat. The bugs listed are:

Summary	Importance	Status	Heat
675862 Top panel isn't multimonitor aware	High	In Progress	4/5
660010 No 'safely remove' option is present in the unity menu when a usb disk is inserted	Medium	Triaged	4/5
687956 should display the launcher tooltips after a delay	Medium	In Progress	4/5
688830 Select quicklist items with just one right click	Medium	In Progress	4/5
692444 clicking trash multiple times opens multiple instances of it.	Medium	Confirmed	4/5

On the right side, there are several utility boxes: 'Report a bug', 'Change bug supervisor', 'Change security contact', 'CVE reports', and a summary of bug counts: 35 New bugs, 560 Open bugs, 23 In-progress bugs, 11 Critical bugs, 46 High importance bugs, 0 Bugs assigned to me, 8 Bugs with patches, 37 Bugs fixed elsewhere, and 0 Open CVE bugs.

# Could be you!

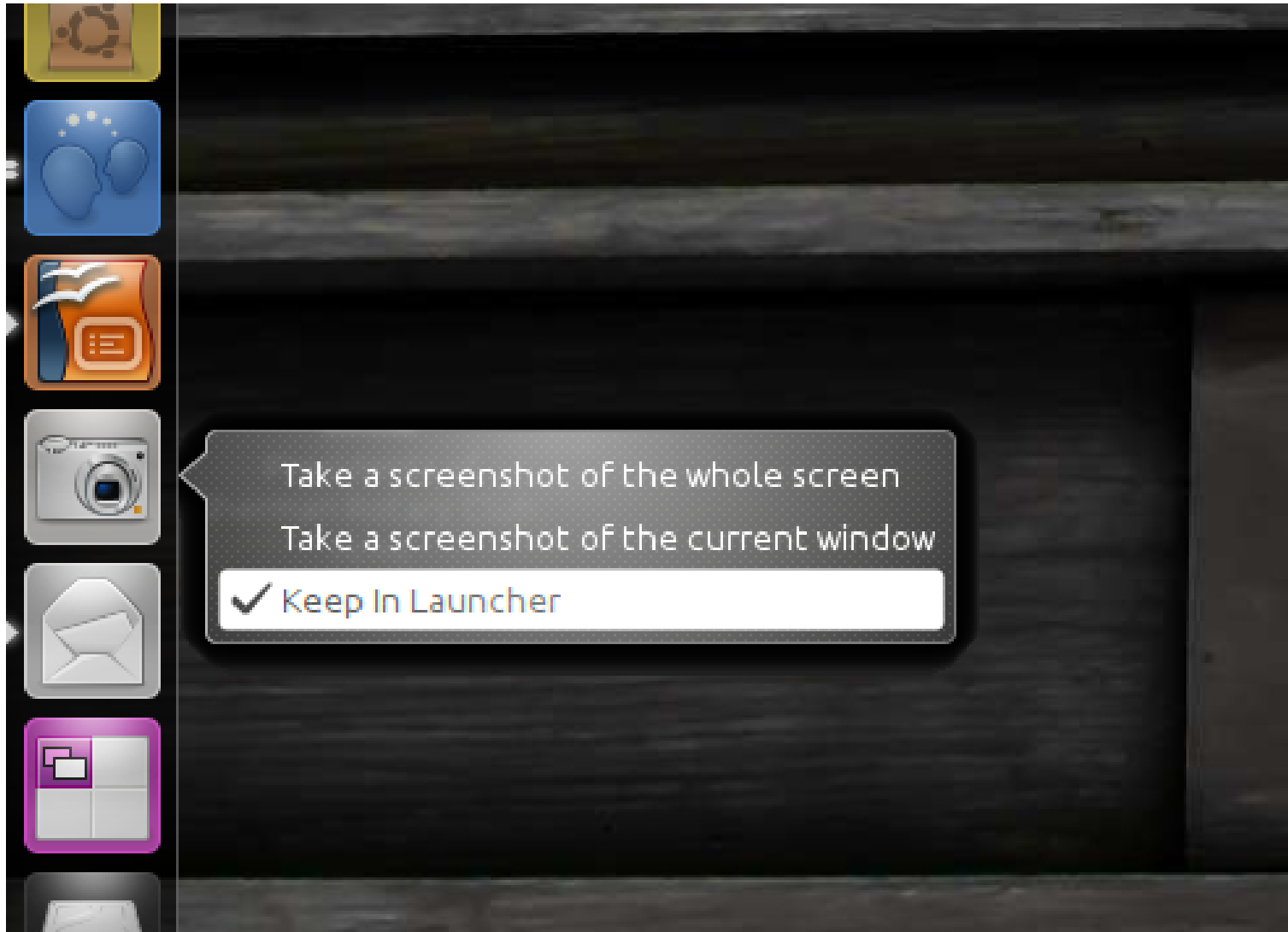
Fade on title



Marco Trevisan (Treviño)  
<http://launchpad.net/~3v1n0>



# Extend Unity (Launcher)



Desktop File

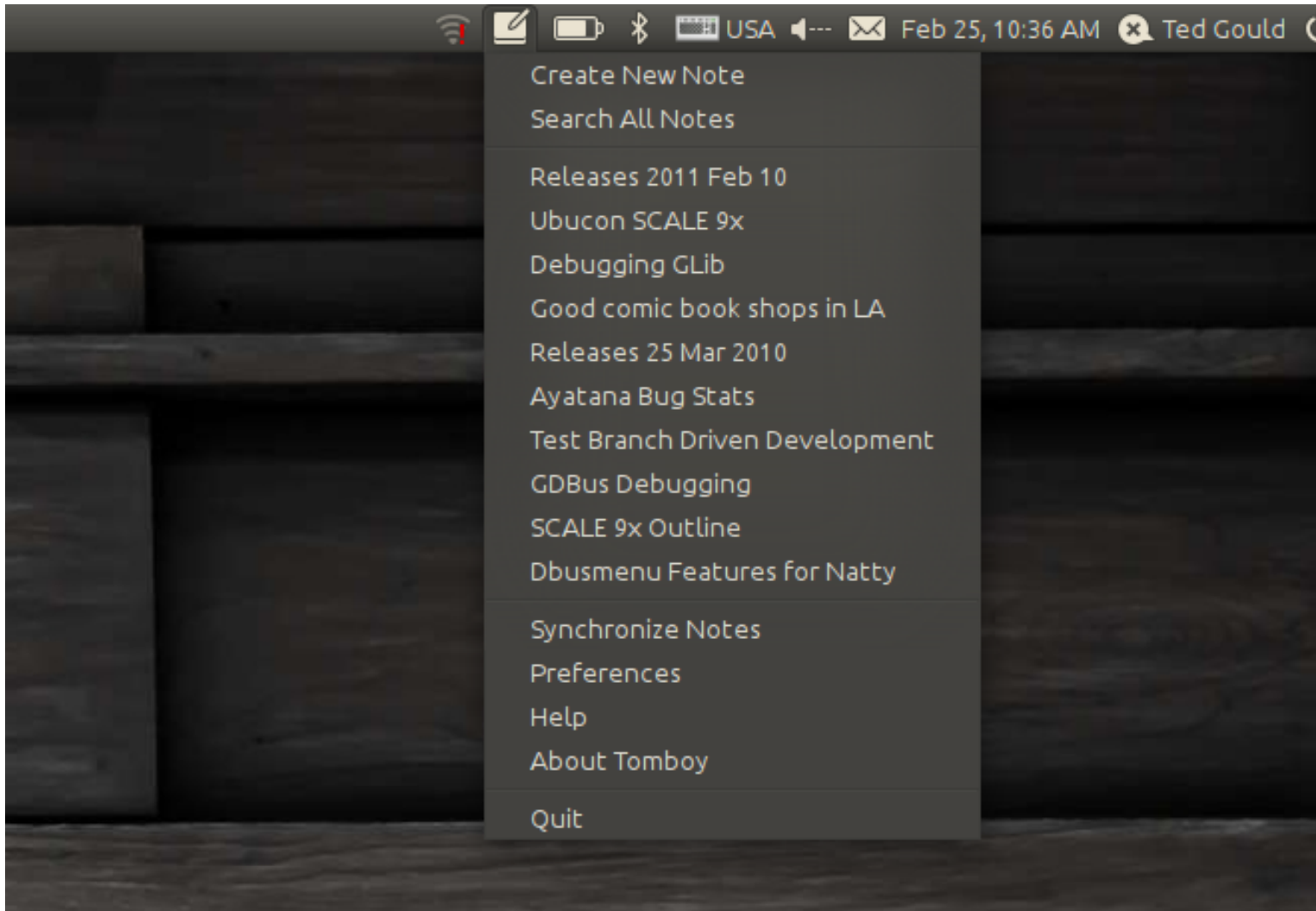
libunity

<http://wiki.ubuntu.com/Unity>

# Extend Unity (Places)

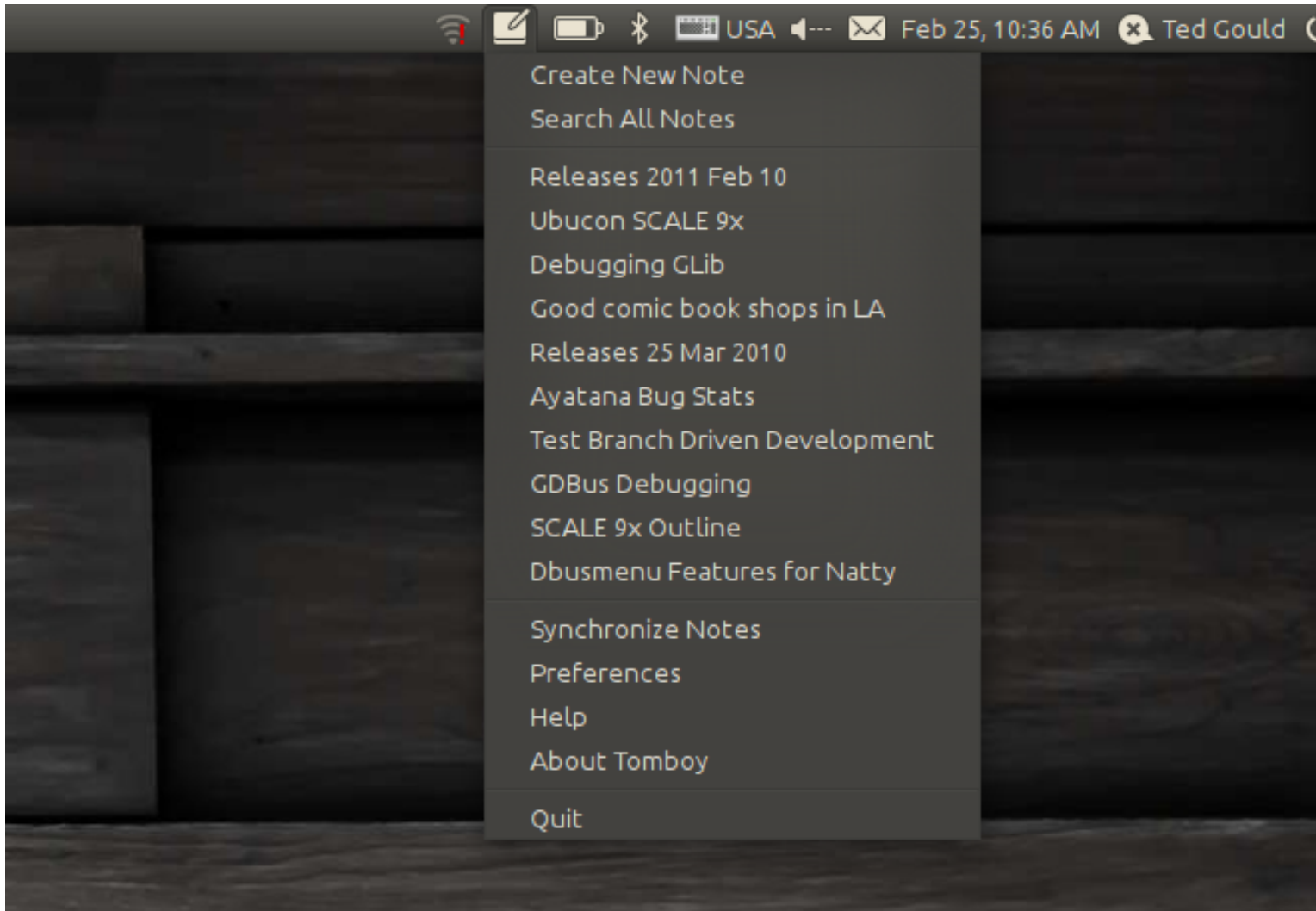


# Extend Unity (Menubar)



libappindicator  
<http://wiki.ubuntu.com/AppIndicators>

# Extend Unity (Menubar)



libappindicator  
<http://wiki.ubuntu.com/AppIndicators>

# ~~Unity~~ Users Need You!

- Change is scary
- Users need entry points
- Polish and bugs kill usability
- Let's use the exciting features

# Let's Chat

- Questions
- Ideas on other ways to contribute
- Potential contributor issues
- How to find help when trying to contribute