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Welcome to Ubuntu Developer Day



CANONICAL

Bazaar

Chase Douglas <chase.douglas@canonical.com>

Bazaar – Overview



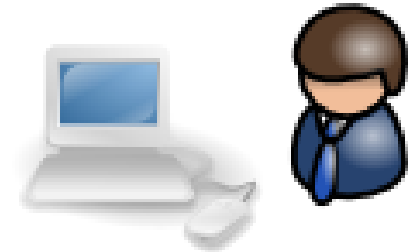
- Flexible source code management
 - Many different usage scenarios
 - Distributed development
- Integrated into Launchpad
- Most Ubuntu development uses Bazaar



- Create Project
 - mkdir my_proj
 - cd my_proj/
 - bzr init
- Add and edit files
 - vi main.c
 - bzr add main.c
 - bzr commit
- View history
 - bzr log

- ① create project
- ② record changes
- ③ browse history
- ④ package release

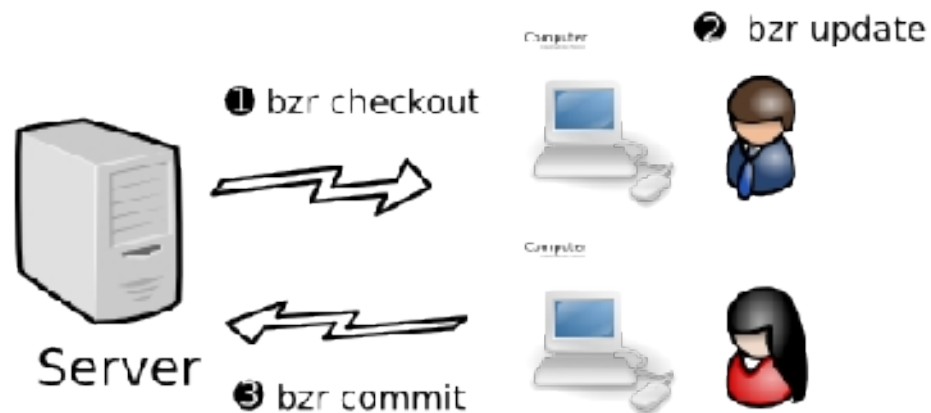
Computer



Bazaar – Centralized Usage



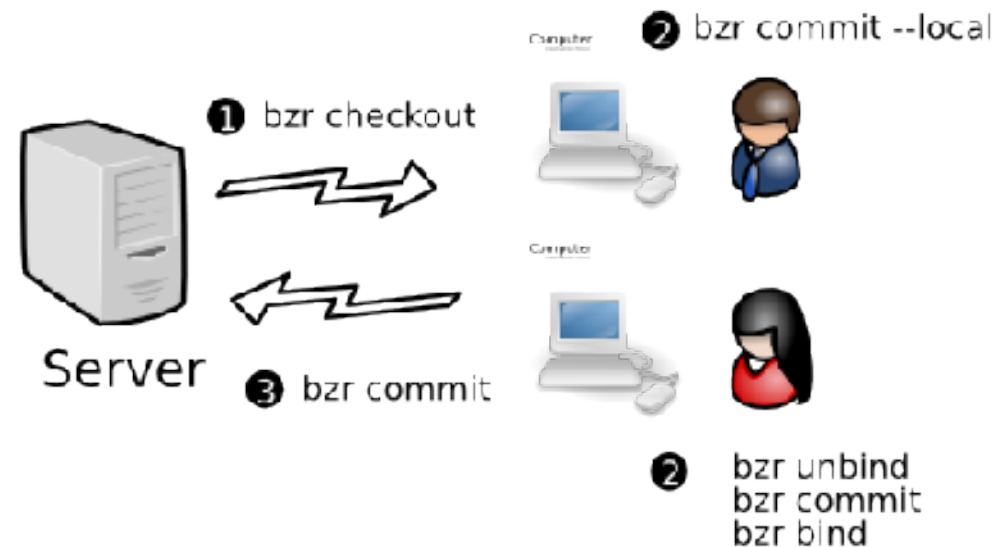
- Create project
- Each developer checks out code
 - `bzr checkout /project`
- Add and edit files
 - `vi main.c`
- Update files
 - `bzr update`
- Commit changes
 - `bzr commit`



Bazaar – Centralized Offline Usage



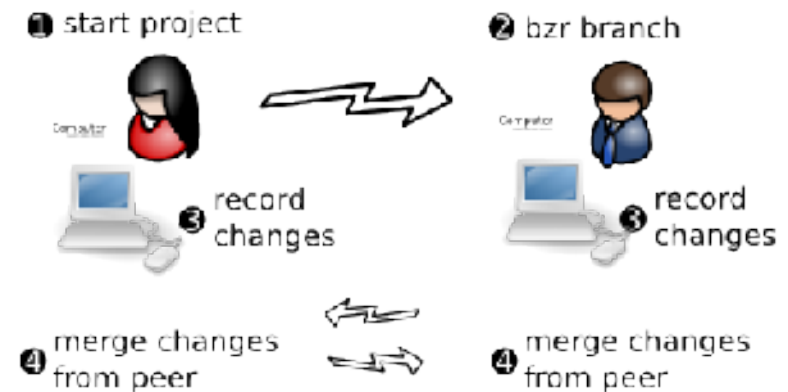
- Create project
- Each developer checks out code
 - `bzr checkout /project`
- Add and edit files
 - `vi main.c`
- Commit changes offline
 - `bzr commit --local`
- Commit changes to repo
 - `bzr commit`



Bazaar – Partner Usage



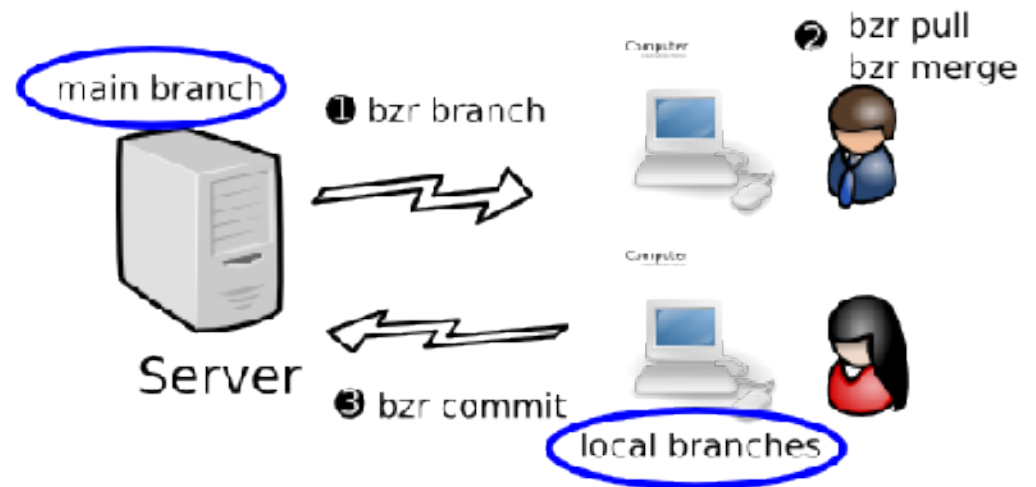
- Create project
- Partner branches project
 - `bzr branch ~linda/our_proj`
- Each developer edits files
 - `vi main.c`
 - `bzr commit`
- Commits the change locally
- Does **not** push changes back to Linda
- Each developer merges changes
 - `bzr merge ~linda/our_proj`



Bazaar – Distributed Usage



- Create project
- Each developer branches project
 - `bzr branch /proj`
- Add and edit files
- Pull and merge changes from repo
 - `bzr pull`
 - `bzr merge`
- Push changes to repo
 - `bzr push`



Bazaar – Comparison to Git



- Bazaar development model
 - Edit, commit, merge into main tree
- Git development model
 - Edit, commit, rebase onto main tree, send patches or pull requests
- Both models can work well
- Advantage of Bazaar: All history is preserved
- Advantage of Git: Easier to edit history
 - Useful for refining independent changes
- Bzr-git plugin provides some integration



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Launchpad



- Launchpad is a collaborative hosting platform for software projects
- Strengths:
 - Easy distributed development and progress tracking
 - Free for open source projects!
 - Integration with Ubuntu distribution and package development
 - Custom package archives
 - Easy translation portal
- Even non-developers can participate!



Chase Douglas

Overview

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[Related software and packages](#)

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- [Change branding](#)

[Contact this user](#)

User information

Launchpad Id:

chasedouglas

Email:

chase.douglas@canonical.com

chase.douglas@ubuntu.com

chasedouglas@gmail.com

Jabber:

No Jabber IDs registered.

OpenID login:

<https://launchpad.net/~chasedouglas>

Member since:

2009-06-01



Signed Ubuntu Code of Conduct:

Yes

Wiki:

No Wiki names registered.

IRC:

cdn on network
irc.freenode.net

OpenPGP keys:

9F95D10F, 695FB77A

SSH keys:

rndougl@txpaw101
rndougl@chabook-
wireless

Languages:

English

Time zone:

America/New_York

Karma:

8847

Participation

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Launchpad – Projects



Loggerhead

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Registered 2006-12-23 by [Loggerhead-team](#)

Loggerhead is a web viewer for projects in bazaar. It can be used to navigate a branch history, annotate files, view patches, perform searches, etc. It's originally based on bazaar-webserve, which is itself based on hgweb for Mercurial.

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[Subscribe to bug mail](#)

Get Involved

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[Ask a question](#) →

[Submit code](#) →

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Project information

Part of:

[Bazaar VCS and Tools](#)

Maintainer:

[Loggerhead-team](#)

Driver:

[Martin Albisetti](#)

Development focus:

[trunk series](#)

[Log loggerhead](#)

[View the branch content](#)

Programming Languages:

[python](#), [javascript](#)

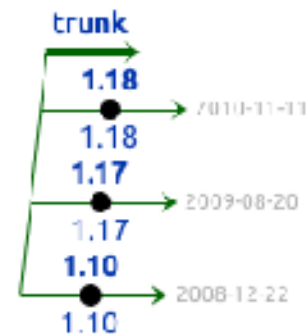
[RDF metadata](#)

Licenses:

[GNU GPL v2](#)

Series and milestones

[View full history](#)



[loggerhead trunk series](#) is the current focus of development

[View milestones](#)

Downloads

Latest version is 1.18

[loggerhead-1.18.tar.gz](#)

released on 2010-11-10

[All downloads](#)

Announcements

Loggerhead 1.18 released on 2010-11-10
Loggerhead 1.18 brings many stability fixes,



Bazaar branches of utouch-geis

utouch-geis » Code

You can [browse the source code](#) for the development focus branch or get a copy of the branch using the command:









```
bzr branch lp:utouch-geis
```

📄 There are [download files](#) available for utouch-geis.

utouch-geis has 1 [active review](#).

utouch-geis has 15 active branches owned by 6 people and 1 team. There were 59 commits by 2 people in the last month.

Branches with status:

Name	Status	Last Modified	Last Commit
 lp:utouch-geis Series: trunk	 Development	4 days ago	101. Added GEIS v2.0 gesture class module.
 lp:utouch-geis/2.x Series: 2.x	 Development 	7 weeks ago	112. Added a back end base and test fixture.
 lp:utouch-geis/1.x Series: 1.x	 Development	14 weeks ago	66. Merged v1.0.13 from trunk.
 lp:~utouch-team/utouch-geis/geis2-add-xcb-backend	Development	23 hours ago	106. Added filter support for regions.

New branches you create for utouch-geis are **public** initially.

[Register a branch](#) ➔

 [Import a branch](#)

 [Configure code hosting](#)

Launchpad – Code Review



Proposal to merge branch

utouch-geis » Code » geis-v2.0 » Merge into trunk

Proposed by Stephen M. Webb on 2010-12-02

Status: **Merged**

Merged at revision: **92**

Proposed branch: lp:utouch-geis/2.x

Merge into: lp:utouch-geis

Diff against target: **1288 lines (+956/-39) 22 files modified**

To merge this branch: `bzr merge lp:utouch-geis/2.x`

- Resubmit proposal
- Delete proposal to merge

Subscribers

People subscribed via source and target branches

to all changes:
 uTouch Team

Reviewer	Review Type	Date Requested	Status
Mohamed KBEL Boulabiar			Approve on 2010-12-06
Henrik Rydberg		2010-12-02	Approve on 2010-12-02

Review via email: mp+42536@code.launchpad.net

Request a review

Description of the Change

This change is some basic infrastructure required for configurable back ends (eg. DBus client, local grail, maverick-style XCB).

Bug #674665: Create first draft of GEIS 2.0 interface **High** In Progress

Add a review or comment

Henrik Rydberg wrote on 2010-12-02

Looks ok. Things are getting closer. :-)

Launchpad – Code Review



 Mohamed IKEEL Boulabiar wrote on 2010-12-06

Looks Good !
{ "seh", "iaq;" in the comments detected :P }

review: Approve


Add comment

I agree, this is great stuff!

Review: Approve

Review type:

Preview Diff

 [Download diff](#) Show line numbers

```
1 === modified file 'ChangeLog'
2 --- ChangeLog      2010-11-29 14:32:34 +0000
3 +++ ChangeLog      2010-12-02 19:24:57 +0000
4 @@ -1,3 +1,52 @@
5 +2010-12-02 Stephen M. Webb <stephen.webb@canonical.com>
6 +
7 + Added a back end base and test fixture.
8 +
```

Launchpad – Personal Package Archives



Adding this PPA to your system


You can update your system with unsupported packages from this untrusted PPA by adding **ppa:utouch-team/xorg-unstable** to your system's Software Sources. ([Read about installing](#))

▶ [Technical details about this PPA](#)

PPA statistics

Activity

12 updates added during the past month.













For questions and bugs with software in this PPA please contact  [uTouch Team](#).

Overview of all packages published in

[View package details](#)

1 → 6 of 6 results

First • Previous • Next ▶ • Last

Package	Version	Uploaded by
 libxi	2:1.4.99.1+git20110105+multitouch.eadc77c8-0ubuntu1~utouch2	 Chase Douglas (2011-01-05)
 x11proto-input	2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~utouch2	 Chase Douglas (2011-01-05)
 xinput	1.5.3+git20110107+multitouch.f3c3e3d7-0ubuntu1~utouch1	 Chase Douglas (2011-01-07)
 xorg-server	2:1.9.99.901+git20110113+multitouch.2430473f-0ubuntu1~utouch1	 Chase Douglas (2011-01-14)
 xserver-xorg-input-evdev	1:2.5.99.903+git20110105+xi2.1-new.f1d17119-0ubuntu1~utouch1	 Chase Douglas (2011-01-05)
 xserver-xorg-input-synaptics	1.3.99+git20110105+master.ca0f87eb-0ubuntu1~utouch1	 Chase Douglas (2011-01-05)

Launchpad – Personal Package Archives



Source	Uploader	Published	Status	Series	Section	Build Status
libxi - 2:1.4.99.1+git20110105+multitouchheadc77c8-0ubuntu1~ubuntu2	(changes file) chasedouglas	2011-01-05	Published	Natty	X11	✓
x11proto-input - 2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~ubuntu2	(changes file) chasedouglas	2011-01-05	Published	Natty	X11	✓
Publishing details Published on 2011-01-05 Changelog <pre>x11proto-input (2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~ubuntu2) natty; urgency=low * Checkout from git 20110105 (multitouch-cumulative branch) up to commit 2f9c75044b8a7a0897e31823b0cf7cf40d3fac0d * Source: git://people.freedesktop.org/~daniel91/inputproto * Only added debian/ tree from origin/debian-unstable -- Chase Douglas <chase.douglas@ubuntu.com> Wed, 05 Jan 2011 16:00:00 -0500</pre> Available diffs diff from 2.0.99.1+git20101123+xi2.1-new.c09a5327-0ubuntu1~ubuntu1 to 2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~ubuntu2 (8.8 KiB) Builds 1356 Built packages x11proto-input-dev X11 Input extension wire protocol Package files x11proto-input-dev_2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~ubuntu2_all.deb (64.4 KiB) x11proto-input_2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~ubuntu2_diff.gz (15.0 KiB) x11proto-input_2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~ubuntu2.dsc (2.4 KiB) x11proto-input_2.0.99.1+git20110105+multitouch-cumulative.2f9c7504.orig.tar.gz (83.5 KiB)						
xinput - 1.5.3+git20110107+multitouch.f3c3e3d7-0ubuntu1~ubuntu1	(changes file) chasedouglas	2011-01-07	Published	Natty	X11	✓
xorg-server - 2:1.9.99.901+git20110113+multitouch.2430473f-0ubuntu1~ubuntu1	(changes file) chasedouglas	2011-01-14	Published	Natty	X11	✓



i386 build of x11proto-input 2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~utouch2 in ubuntu natty RELEASE

"utouch team" team@x.org MT Unstable x i386 build of x11proto-input 2.0.99.1...
created on 2011-01-05

Build status

 **Successfully built** on [titanium \(virtual\)](#)

Started on 2011-01-05


Finished on 2011-01-05 (took 6 minutes, 5.9 seconds)

 [buildlog](#) (9.9 KiB)

 [x11proto-input_2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~utouch2_i386.changes](#) (1.3 KiB)

Build details

Source:

 [x11proto-input - 2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~utouch2](#)

Architecture:

 [i386](#)

Archive:

 [X.org MT Unstable](#)

Series:

 [Natty](#)

Pocket:


[Release](#)

Component:

[main](#)


Binary packages

Binary packages produced by this build:

 [x11proto-input-dev_2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~utouch2](#)

Built files

Files resulting from this build:

 [x11proto-input-dev_2.0.99.1+git20110105+multitouch-cumulative.2f9c7504-0ubuntu1~utouch2_all.deb](#) (64.4 KiB)

Launchpad – Bugs



uTouch-grail

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One Finger tap as mouse click is confusing

utouch-grail » Bugs » Bug #647761

Reported by Christoph Langner on 2010-09-25

This bug affects 3 people. Does this bug affect you?



Affects	Status	Importance	Assigned to	Milestone
utouch-grail	Fix Released	High	Henrik Rydberg	Target to milestone
utouch-grail (Ubuntu)	Fix Released	High	uTouch Team	Target to milestone
Maverick	Fix Released	High	uTouch Team	Target to milestone

Also affects project Also affects distribution Target to series

Bug Description

Stable Release Update Information:

Impact: Users of the Apple Magic Mouse will see clicks when a finger taps, but does not depress, the mouse surface. This will cause significant issues with usability. Further, gestures of any sort are disabled for the Magic Mouse as they do not work correctly.

This report is public

- Mark as duplicate
- Convert to a question
- Link a related branch
- Link to CVE

- Unsubscribe
- Subscribe someone else

Subscribers

- Chase Douglas
- Christoph Langner
- Denis Moyogo Jacq...
- SRU Verification
- Ubuntu Stable Rel...
















Also notified

- Adam Glenn
- Alejandro J. Alvarez S.
- Ashani Holland
- Bruno Garcia



Related branches

 [lp:ubuntu/maverick-proposed/utouch-grail](#) 

 Christoph Langner wrote on 2010-09-25:	#1
<ul style="list-style-type: none"> 000305AC02210003.txt (14.5 KiB, text/plain; charset="utf-8") 000305AC02210004.txt (1.7 KiB, text/plain; charset="utf-8") 00030A5C45020001.txt (8.4 KiB, text/plain; charset="utf-8") 00030A5C45030002.txt (2.6 KiB, text/plain; charset="utf-8") 000505AC030D0005.txt (2.9 KiB, text/plain; charset="utf-8") BootDmesg.txt (57.8 KiB, text/plain; charset="utf-8") CurrentDmesg.txt (6.6 KiB, text/plain; charset="utf-8") Dependencies.txt (1.0 KiB, text/plain; charset="utf-8") LsInput.txt (1.7 KiB, text/plain; charset="utf-8") Lspci.txt (14.1 KiB, text/plain; charset="utf-8") Lsub.txt (1.1 KiB, text/plain; charset="utf-8") PciDisplay.txt (851 bytes, text/plain; charset="utf-8") ProcCpuinfo.txt (1.4 KiB, text/plain; charset="utf-8") ProcInterrupts.txt (1.7 KiB, text/plain; charset="utf-8") ProcModules.txt (3.7 KiB, text/plain; charset="utf-8") RelatedPackageVersions.txt (203 bytes, text/plain; charset="utf-8") UdevDb.txt (150.8 KiB, text/plain; charset="utf-8") UdevLog.txt (308.1 KiB, text/plain; charset="utf-8") XInput.txt (1.2 KiB, text/plain; charset="utf-8") XorgConf.txt (212 bytes, text/plain; charset="utf-8")	



Qt frontend For Bazaar

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Translation status by language

QBZr » Series Lunk » **Translations**

[Help for translations](#)

Permissions

 QBZr is translated by [Launchpad Translators](#) with [Structured permissions](#).

Before translating, please look at [translation instructions](#) first.

Administration


Translation files that are waiting to be imported are shown in the [import queue](#).

To see all the translation templates in trunk, go to the [full list of templates](#).





Automatic synchronization

This project is currently not using any synchronization with bazaar branches.

Manual synchronization

If you don't want to use bazaar synchronization, you can still manually or  [download](#) translation tarballs.

Translation status

Language	Status	Untranslated	Needs review	Last Changed
Arabic		447	0	2010-01-16
Brazilian Portuguese		318	0	2009-11-16
Czech		444	0	2009-10-23
Danish		227	0	2009-12-06

Launchpad – Translations



Translating using as a guide.

1 – 10 of 454 results

[First](#) - [Previous](#) - [Next](#) - [Last](#)

1. **English:** Add

Current Brazilian Portuguese: Adicionar

Translated and reviewed by [B. A.](#) on 2003-03-25

Suggestions:

Incluir

Used in [base in OpenObject Server trunk](#) by [Cristiano Korndörfer](#) on 2010-12-03

Add

Used in [audacious-plugins in Audacious 1.4](#) by [Rodrigo Henrique](#) on 2009-05-01

Adicionar

Suggested in [swatchbooker in SwatchBooker trunk](#) by [Farid Abdelnour](#) on 2010-03-05

New suggestion:

Located in [lib/add.py:45](#) [lib/config.py:120](#) [lib/config.py:141](#) [lib/config.py:172](#) [lib/config.py:201](#)

2. **English:** Unversioned Files

Current Brazilian Portuguese: (no translation yet)

New suggestion:

Located in [lib/add.py:57](#)



uTouch

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Questions for utouch

utouch » **Questions**

by relevancy

Status

Open Needs information Answered Solved Expired Invalid

Summary	Created	Submitter	Assignee	Status
140819 libutouch-geis C++ problems	2011-01-09	Teee	—	Solved
132490 Ubuntu 10.10 for Toshiba Portege M780	2010-11-03	Rohin Galhotra	—	Open
129211 HP tx1000 won't work	2010-10-13	Johannes Rustan	—	Solved
125685 How to get started with utouch?	2010-09-16	Nabil Imran	—	Answered
122105 Wacom Bamboo in Ubuntu Desktop?	2010-08-21	fancyday07	—	Answered

[Ask a question](#) →

- All FAQs
- Create a new FAQ
- Open
- Answered
- My questions
- Need attention
- Ask a question
- Set answer contact

[Answer contacts for utouch](#)

Multi-touch Admins

Launchpad – Answers



HP tx1000 won't work

utouch x Questions x **Question #129211**

Asked by Johannes Rustan on 2010-10-13

after i upgrade from ubuntu 10.04 to ubuntu 10.10, i cannot use my touch screen

anyone can help me?

thanks

- Edit question
- Reject question
- Subscribe

Subscribers

Johannes Rustan

Also notified:

Multi-touch Admins

Question information

Language:

English

Status:

Solved

For:

utouch

Assignee:

No assignee

Solved by:

Johannes Rustan

Solved:

2010-10-14

Last query:

2010-10-14

Last reply:

2010-10-13

Related bugs

[Link existing bug](#)

Related FAQ:

None

Stephen M. Webb said on 2010-10-13:

This device uses the N-Trig touchscreen. You likely need a firmware upgrade to your hardware. There are some notes on this at <https://wiki.ubuntu.com/Multitouch/#N-trig>.



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Thank You