

Ubuntu Make

Turn your desktop into a ready to use
developer environment!

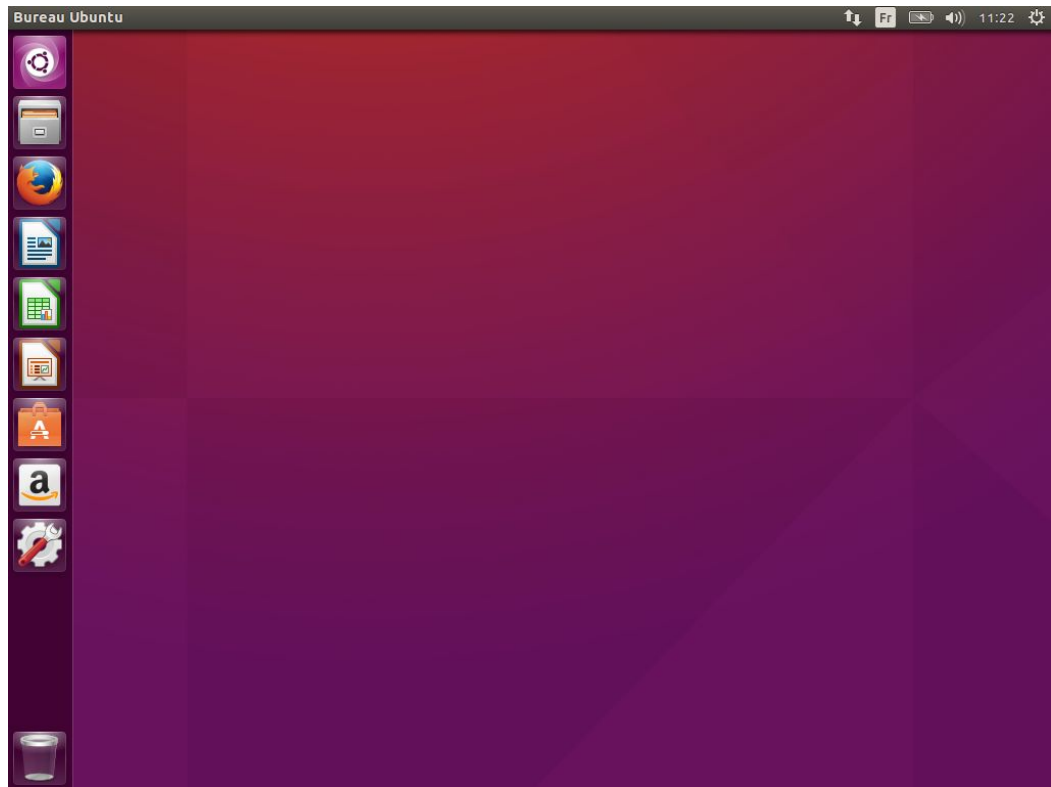
@didrocks

+DidierRoche

UbuCon Summit, Jan 2015

The premises

- Stellar user platform
- A popular developer target
- Developer tools are fixed in time once ubuntu releases
- However, setting up recent developer tools can take some time.



Ubuntu Make core values



Developers first

- Tools for developers, whatever platform they are targeting (android, arduino, games, web...)
- Always deliver latest available version, directly from upstream



Rock solid, professional platform

- Strong focus on the LTS
- We deliver more recent version as well



Ubuntu Way

- Do the extra step for a ready-to-use experience
- Quality ensured by a very long and complete testsuite
- Working with the community

Installing Ubuntu Make

```
# add ppa repository for future updates
```

```
$ sudo add-apt-repository ppa:ubuntu-desktop/ubuntu-make && sudo apt update
```

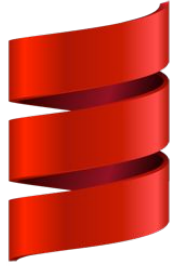
```
# installing it
```

```
$ sudo apt install ubuntu-make
```

```
# installing android studio
```

```
$ umake android
```

Supported platforms in Ubuntu Make 16.01.1



25 developer
platforms



NetBeans



Just released Ubuntu Make 16.01.2!

Adding 3 more platforms
(community contributions)



Demo!

(well... video)

Quality

Tests are there to ensure that your experience is good!

pep8 - Code quality

Small tests - Unit tests

Medium tests - Large test in a controlled and mocked environment

Large tests - Simulating the user on a real machine with real assets

More than **500**
tests



running latest master and version
available every **3 hours**

... on each **architecture**

... on each **supported releases**

And one final test run with each
release

Working with community rocks

"Here is a little bit of the start of my day:

As usual, I open the Ubuntu Make large test suite running continuously against trunk and latest release package. I saw that since yesterday **7PM CEST Visual Studio Code page changed** its syntax and is not downloadable anymore by Ubuntu Make.

Jumping on the github's project page, I saw a **couple of bugs** opened about it, and as well **a pull request to fix this from a new contributor, Vartan Simonian!**

All this in **less than 12 hours of this breakage**. I just had to merge it, changing the medium tests and cut a release. Hey community work!

That made my day, it was thus high time to release this new Ubuntu Make 15.08. "

Help contributors by running tests easily

Small test wrapper: runtests

- Target current branch, remote one (on PR) or even a package in a ppa
- Choose on which release and arch to run
- Multiple form of testing:

Local tests



Tests in a vm



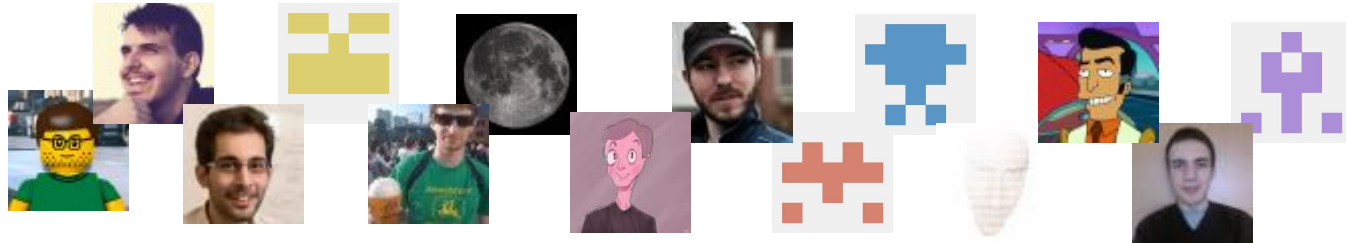
Remote Testing



Ubuntu
autopkgtests

You can be the next star!

- > Contribute on the code itself (15 community contributors!)



We participated at Google Code In as part of Ubuntu project.

- > Report bugs and propose enhancements
- > Help translating

available in multiple languages (not fully complete), but we can do better!

- > Write some documentation!
- > Spread the word that ubuntu loves developers

<http://blog.didrocks.fr/post/How-to-help-on-Ubuntu-Developer-Tools-Center>





Thank you!

Didier Roche <didrocks@ubuntu.com>

twitter: @didrocks

g+: +DidierRoche

github.com/ubuntu/ubuntu-make

didrocks.fr

developer.ubuntu.com