

CCT490: Week 9

Finishing “Producing FOSS” Economics of Open Source

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Comments on Assignment 2

Fogel (2005)

Technical infrastructure

Website

Mailing list

Version control

Bug tracking

“Social infrastructure”

Forkability

Benevolent dictators

Consensus

Voting

Version Control (or “revision control”)

subversion, git,
mercurial, bazaar

Getting Mozilla Source Code Using Mercurial

[Mercurial](#) is a source-code management tool which allows users to keep track of changes to the source code locally and share their changes with others. It is used for the development of Firefox 3.5/Mozilla 1.9.1 and later releases.

Note: If you want to contribute patches to Thunderbird 3.x or SeaMonkey 2.x development, use [Comm-central source code](#). If you want to contribute patches to Firefox 3.0.x, Thunderbird 2.0.x or SeaMonkey 1.1.x development, use [CVS source code](#).

Client settings

Installing and configuring Mercurial

See [Installing Mercurial](#).

Checking out a source tree

There are multiple hg repositories hosted at mozilla.org, see <http://hg.mozilla.org/> for the full list.

mozilla-central (main development tree)

Code for future releases lives in [mozilla-central](#).

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Checking out a source tree

[mozilla-central \(main development tree\)](#)

[mozilla-central \(latest successful build\)](#)

[mozilla-1.9.2 \(Firefox 3.6\)](#)

[mozilla-1.9.1 \(Firefox 3.5\)](#)

[comm-central \(Thunderbird/SeaMonkey/Calendar\)](#)

Bundles

[Building](#)

[See also](#)

Tags

Files

The Linux Kernel Archives

Welcome to the Linux Kernel Archives. This is the primary site for the Linux kernel source, but it has much more than just Linux kernels.
[Frequently Asked Questions](#)

Protocol	Location
HTTP	http://www.kernel.org/pub/
FTP	ftp://ftp.kernel.org/pub/
RSYNC	rsync://rsync.kernel.org/pub/

Latest Stable Kernel:

[2.6.36](#)

linux-next:	next-20101026	2010-10-26	[Patch]	[View Patch]	[Gitweb]			
snapshot:	2.6.36-git9	2010-10-27	[Patch]	[View Patch]				
mainline:	2.6.36	2010-10-20	[Full Source]	[Patch]	[View Patch]	[Gitweb]	[Changelog]	
stable:	2.6.36	2010-10-20	[Full Source]	[Patch]	[View Patch]	[Gitweb]	[Changelog]	
stable:	2.6.35.7	2010-09-29	[Full Source]	[Patch]	[View Patch]	[View Inc.]	[Gitweb]	[Changelog]
stable:	2.6.34.7	2010-09-13	[Full Source]	[Patch]	[View Patch]	[View Inc.]	[Gitweb]	[Changelog]
stable:	2.6.33.7	2010-08-02	[Full Source]	[Patch]	[View Patch]	[View Inc.]	[Gitweb]	[Changelog]
stable:	2.6.32.24	2010-10-01	[Full Source]	[Patch]	[View Patch]	[View Inc.]	[Gitweb]	[Changelog]
stable:	2.6.31.14	2010-07-05	[Full Source]	[Patch]	[View Patch]	[View Inc.]	[Gitweb]	[Changelog]
stable:	2.6.27.54	2010-09-20	[Full Source]	[Patch]	[View Patch]	[View Inc.]	[Gitweb]	[Changelog]
stable:	2.4.37.10	2010-09-06	[Full Source]	[Patch]	[View Patch]	[Gitweb]	[Changelog]	

Changelogs are provided by the kernel authors directly. Please don't write the webmaster about them.
[Customize the patch viewer](#)



/pub/scm / linux/kernel/git/next/linux-next.git / summary



summary | [shortlog](#) | [log](#) | [commit](#) | [commitdiff](#) | [tree](#)

commit search: re

description The linux-next integration testing tree
owner Stephen Rothwell
last change Tue, 26 Oct 2010 02:50:54 +0000
URL <git://git.kernel.org/pub/scm/linux/kernel/git/next/linux-next.git>
<http://git.kernel.org/pub/scm/linux/kernel/git/next/linux-next.git>
<https://git.kernel.org/pub/scm/linux/kernel/git/next/linux-next.git>

shortlog

22 hours ago Stephen Rothwell **Add linux-next specific files for 20101026** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
22 hours ago Stephen Rothwell **Merge remote branch 'cleancache/linux-next'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
22 hours ago Stephen Rothwell **Merge remote branch 'staging-next/staging-next'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
22 hours ago Stephen Rothwell **Merge branch 'quilt/usb'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
22 hours ago Stephen Rothwell **Merge branch 'quilt/tty'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
22 hours ago Stephen Rothwell **Merge branch 'quilt/driver-core'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
23 hours ago Stephen Rothwell **Merge remote branch 'hwpoison/hwpoison'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
23 hours ago Stephen Rothwell **Merge remote branch 'sfi/sfi-test'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
23 hours ago Stephen Rothwell **Merge remote branch 'edac-amd/for-next'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
23 hours ago Stephen Rothwell **Merge remote branch 'xen-pvhvm/linux-next'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
23 hours ago Stephen Rothwell **Merge remote branch 'swiotlb-xen/master'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
24 hours ago Stephen Rothwell **Merge remote branch 'xen/upstream/xen'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
24 hours ago Stephen Rothwell **Merge remote branch 'oprofile/for-next'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
24 hours ago Stephen Rothwell **Merge remote branch 'tip/auto-latest'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
24 hours ago Stephen Rothwell **Merge remote branch 'omap_dss2/for-next'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)
24 hours ago Stephen Rothwell **Merge remote branch 'spi/next-spi'** [commit](#) | [commitdiff](#) | [tree](#) | [snapshot](#)

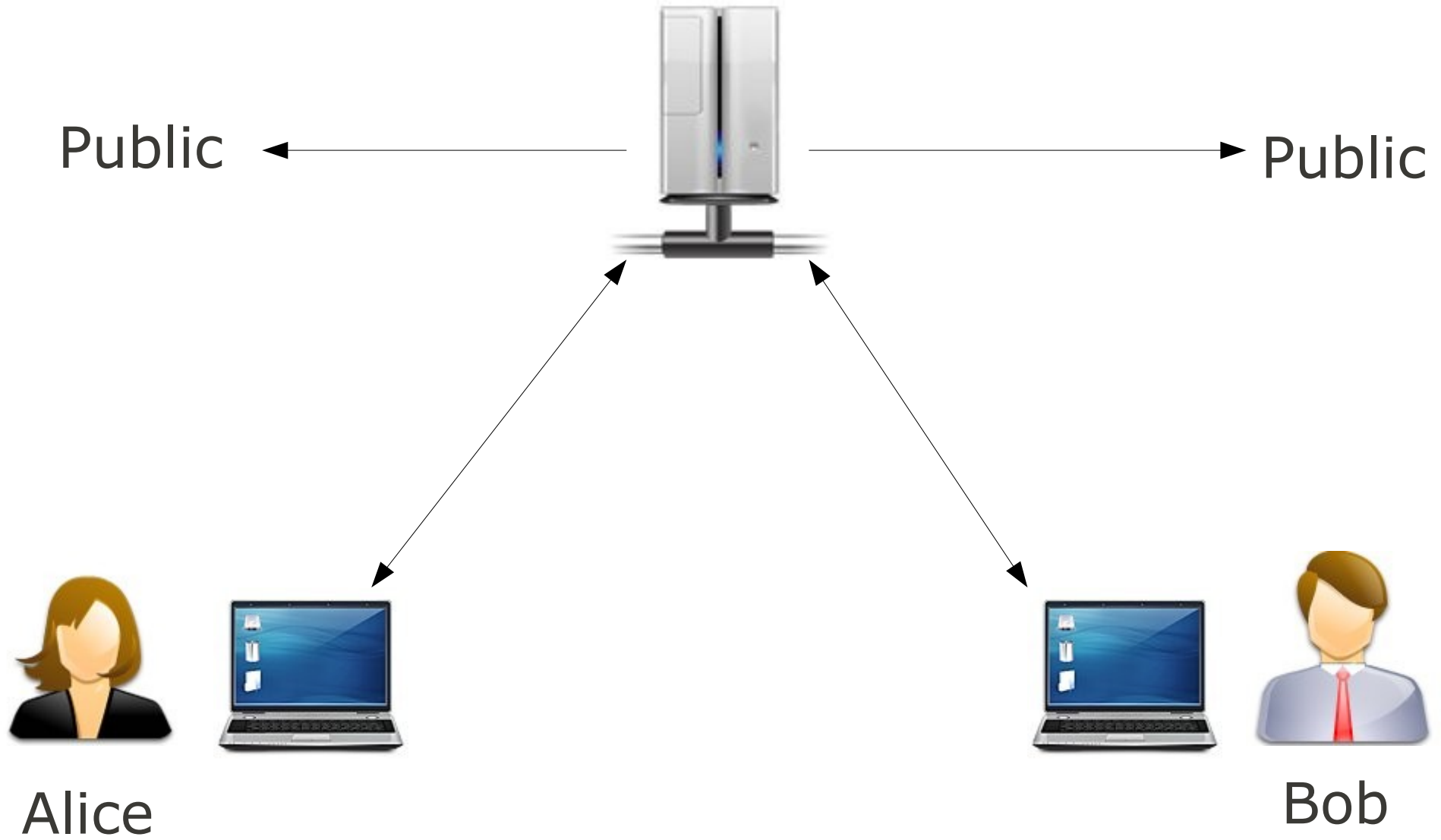
...

tags

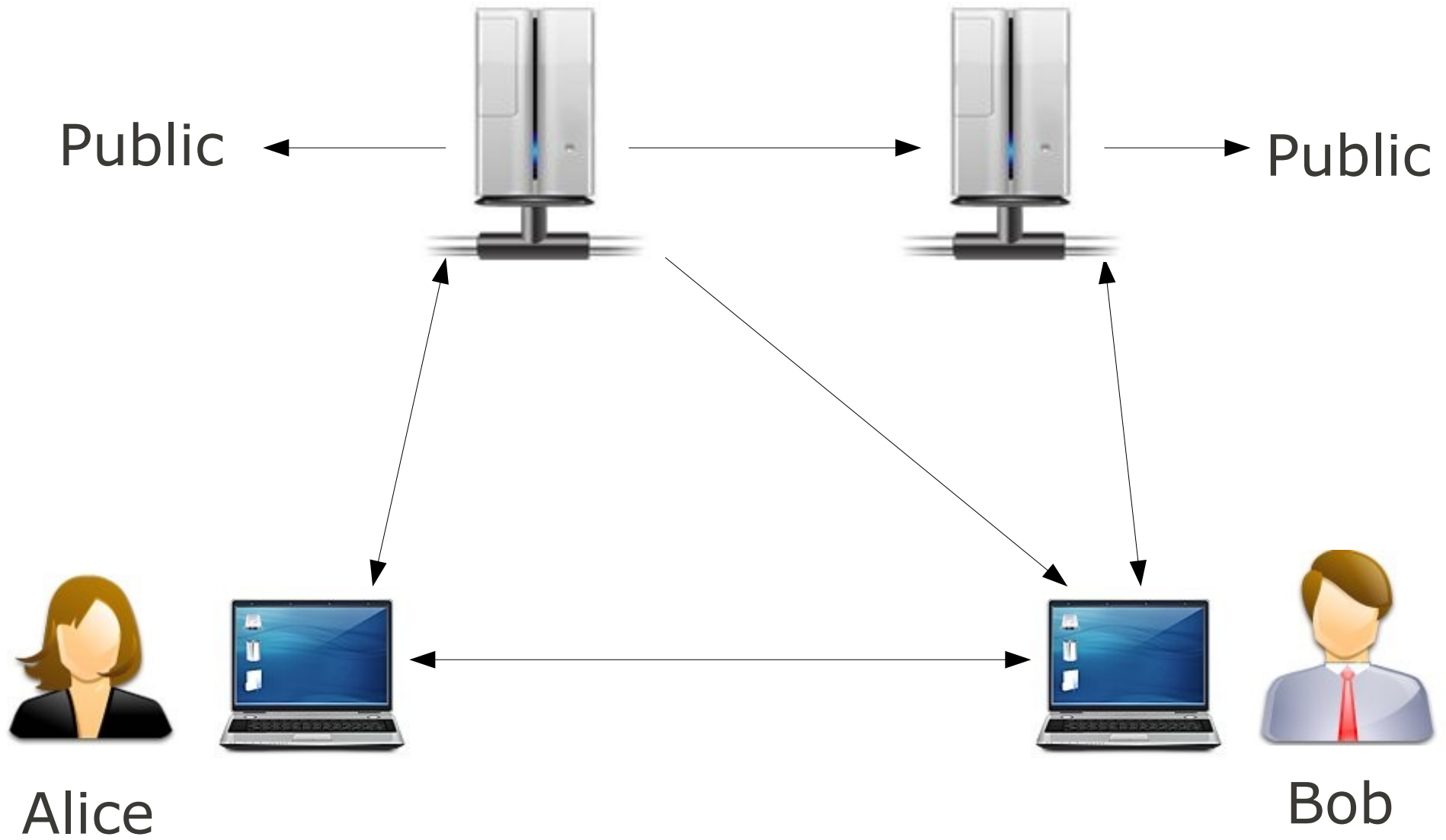
22 hours ago **next-20101026** next-20101026 [tag](#) | [commit](#) | [shortlog](#) | [log](#)
45 hours ago **next-20101025** next-20101025 [tag](#) | [commit](#) | [shortlog](#) | [log](#)

```
git clone git://git.kernel.org/pub/scm/linux/kernel/git/next/linux-next.git
```


centralized (e.g. subversion)



distributed (e.g. git)



Bug Tracking

Welcome to Mozilla's Bugzilla



Get Help



File a Bug



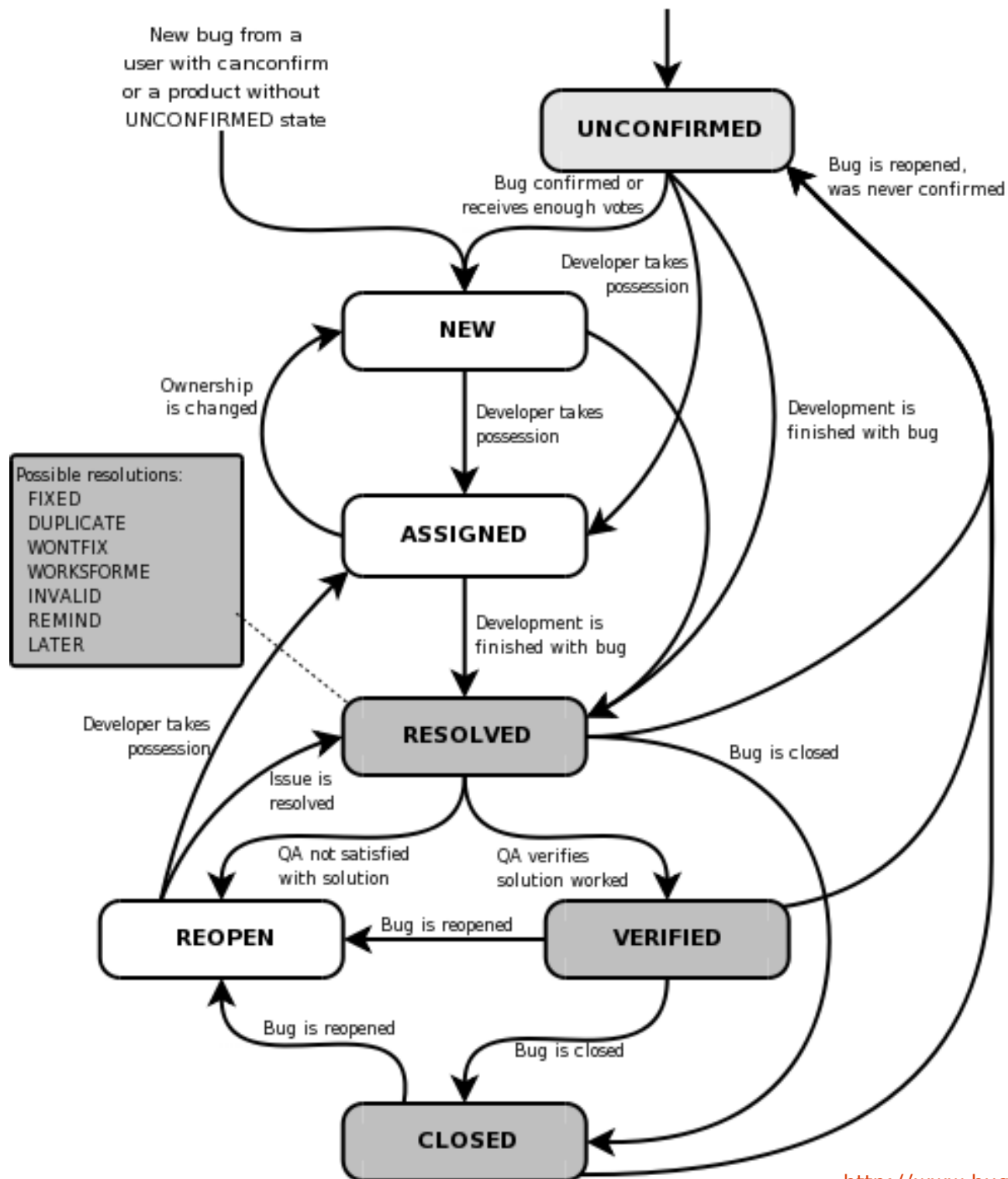
Search



Open a New Account

[Quick Search help](#)

[Bugzilla Etiquette](#) | [Bug Writing Guidelines](#) | [Release Notes](#)



“Social Infrastructure”

“Benevolent Dictator”



oligarchy

“Forkability”

“Democracy”

Motivations: Theory

Perhaps people do it for fun?

But why not have
fun **and** get paid?

(Of course, let's not forget: some people do get paid to work on free software?)

The Amount of Fun

Why could free software be more fun than proprietary software?

Learning

What are the relevant alternatives?

1. University
2. Learning on the job

Getting a Job



Who will get hired?

The Resume



free software experience



industry experience

Potential Differences

Access

Visibility

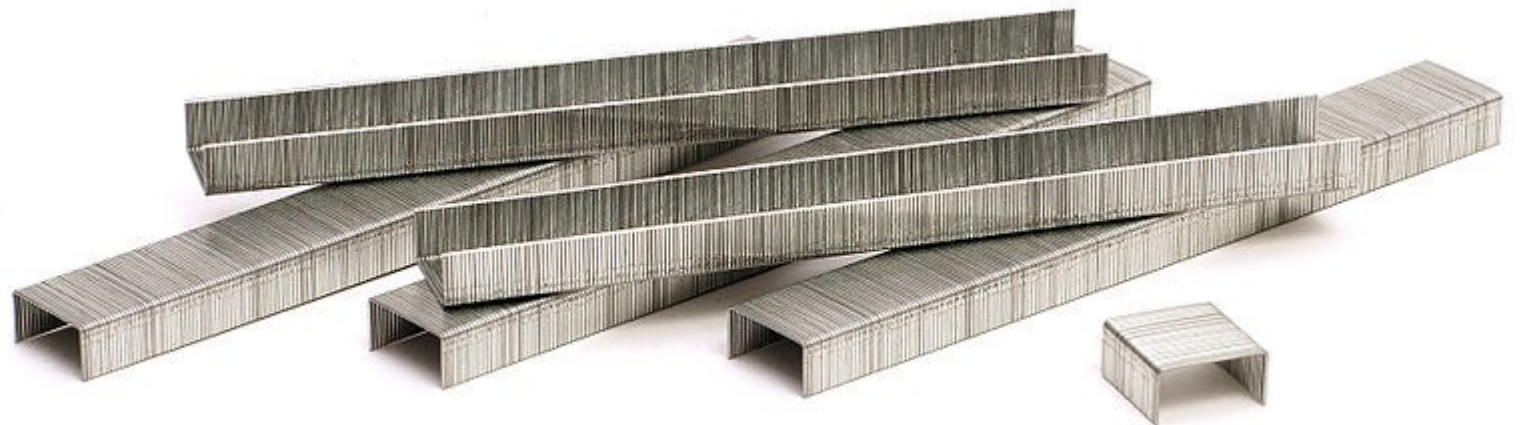
Signaling

Job Market Signaling

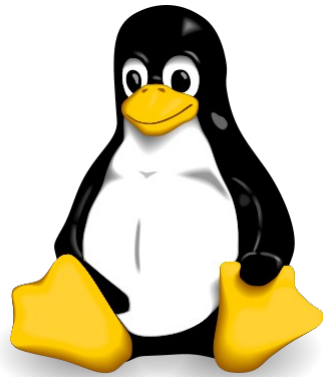
Considering the costs
for Alice and Bob

(Who likely has to work harder?)

Complements



Examples



ANDROID

Other Reasons?

1. GPL
2. Public relations / recruiting
3. To sabotage competitors?
4. To get others to use it