

in
icated



git

- everything-is-local
- fast-version-control
- local-branching-on-the-cheap
- distributed-is-the-new-centralized
- distributed-even-if-your-workflow-isnt

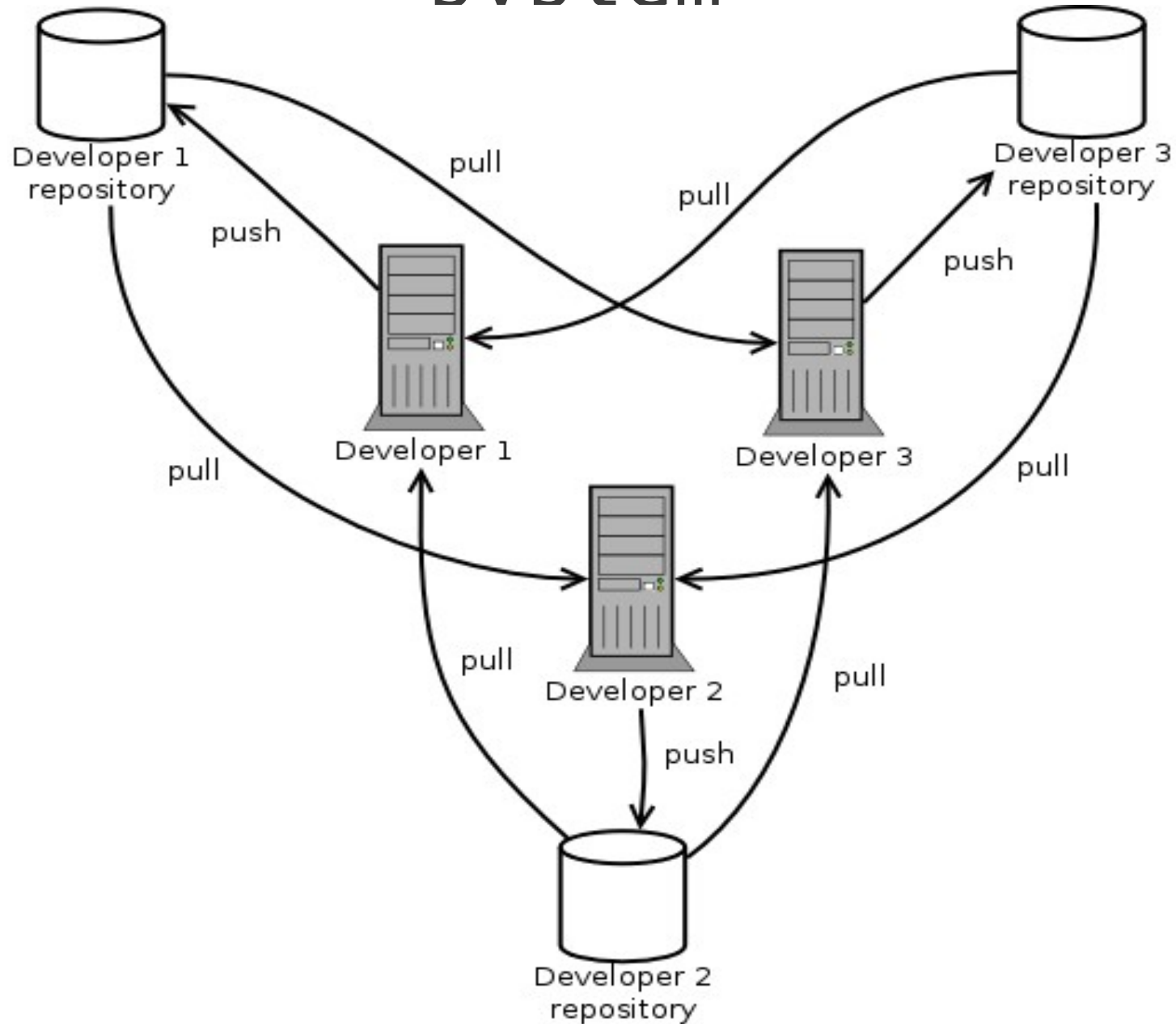
آشنایی با git

- ✓ git چیست ؟
- ✓ چرا git ؟
- ✓ چه کسانی از git استفاده می کنند ؟
- ✓ رابط کاربری گرافیکی ؟
- ✓ منابع آنلاین ؟

چیسٹ git

- Distributed revision control system (DRCS)
- Source code management (SCM)
- Fast & Popular
- Offline
- developed by Linus Torvalds

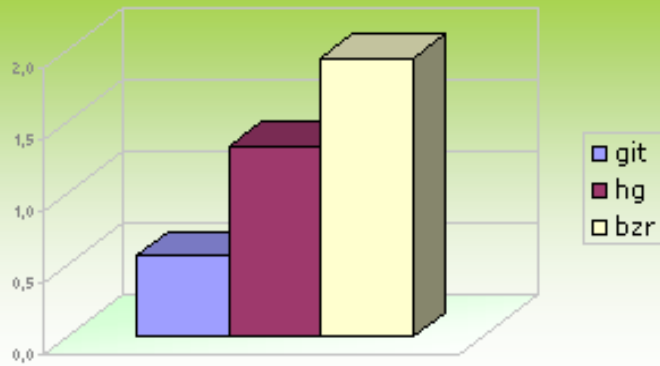
Distributed revision control system



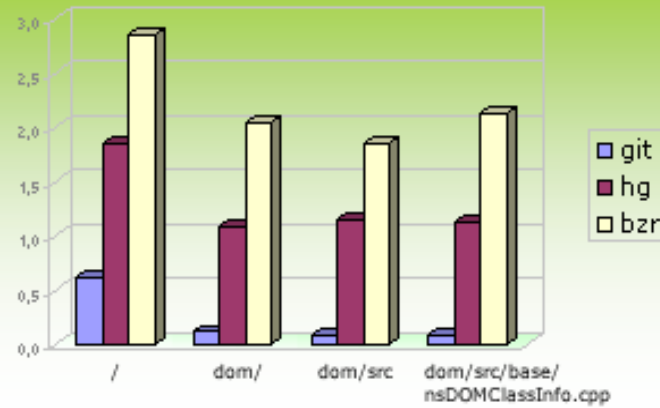
Source code management



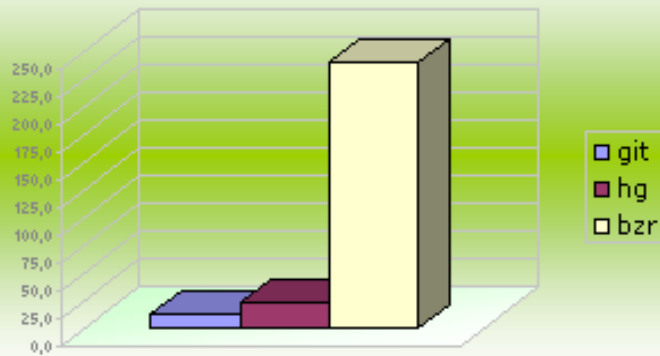
status (time in s)



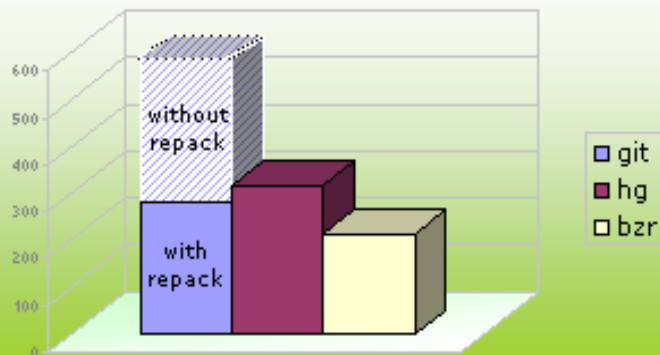
diff (time in s)



clone (time in s)



repository size (MB)



Commands (time in s)

	git	hg	bzip
status .	0,564	1,333	1,941
diff .	0,608	1,843	2,847
diff dom/	0,116	1,091	2,037
diff dom/src/	0,084	1,146	1,861
diff dom/src/base/nsDOMClassInfo.cpp	0,085	1,123	2,135
diff . (in dom/)	0,117	1,083	1,936
clone	11,650	23,755	240,010

Repository

	git	hg	bzip
Size (MB)	586	317	214
git repack	283		
Number of files	28981	60721	28968

Fast

April 20, 2011

2,000,000

Git Repositories

1,100,000

GitHub Projects

900,000

Gists

Popular
r

225,000 Ruby Projects



138,000 Javascript Projects



77,000 Python Projects

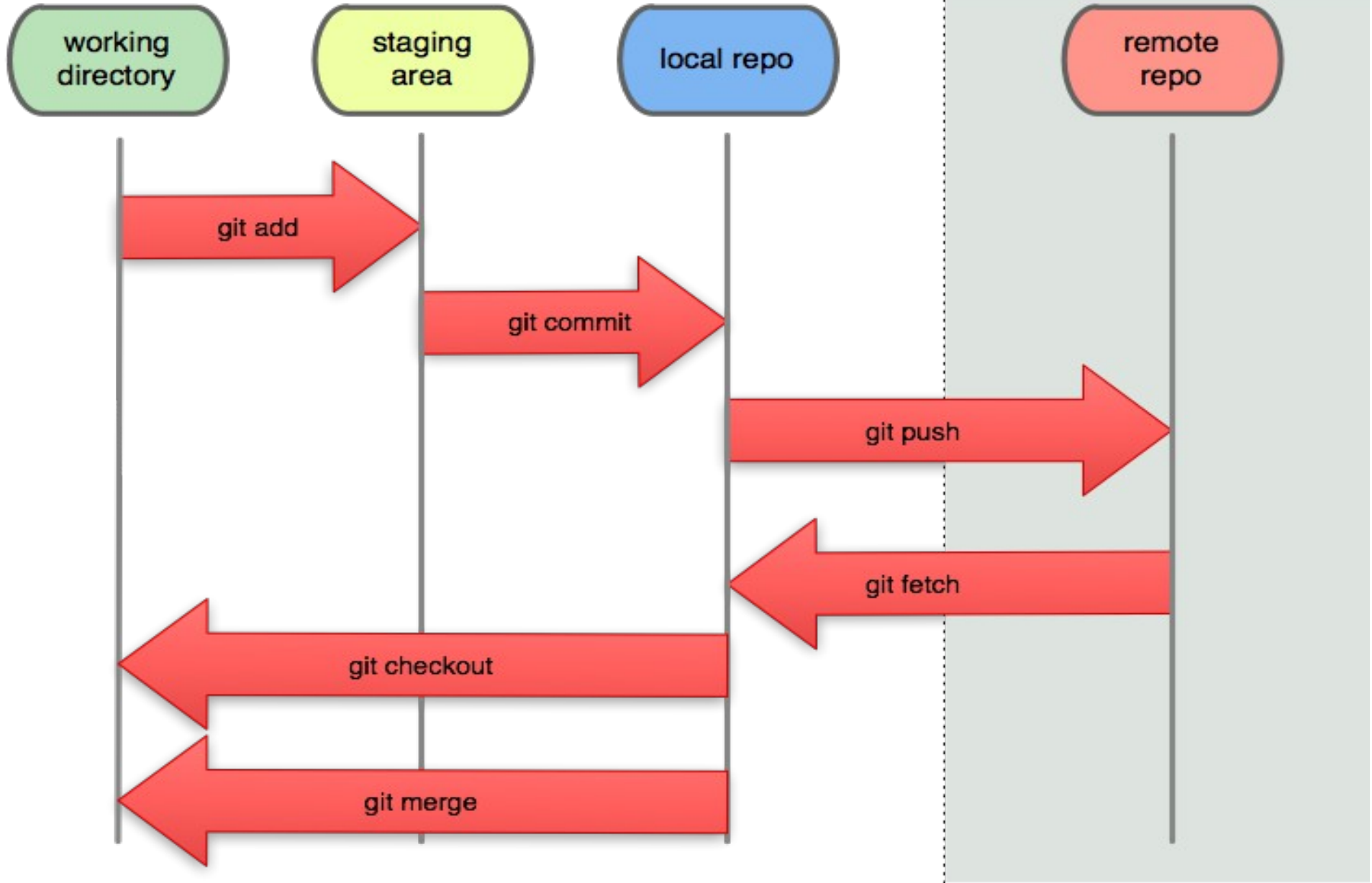


560,000 Other Projects

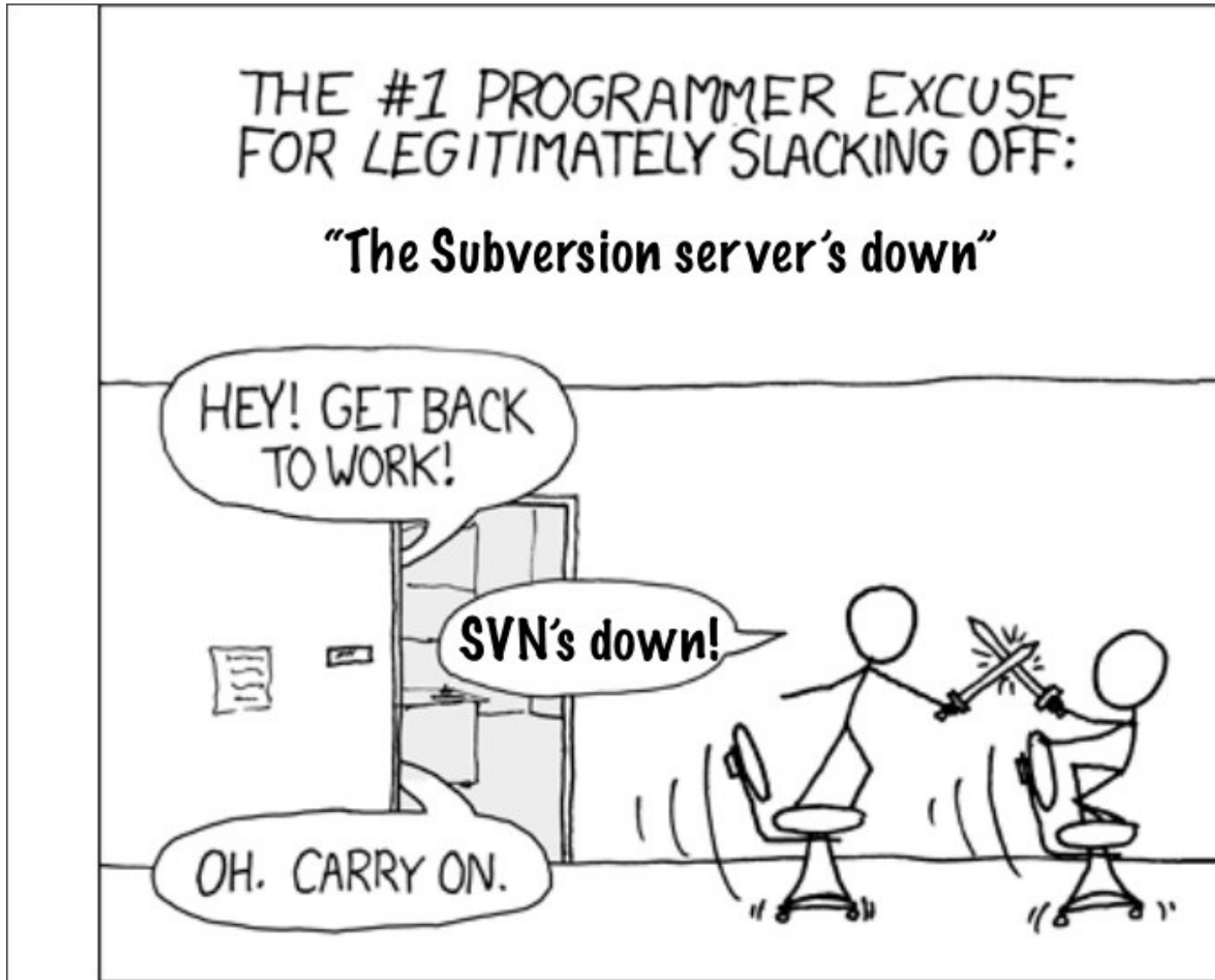


Local Offline

Remote



happens



you can't do anything without the server's permission



developed by Linus
Torvalds



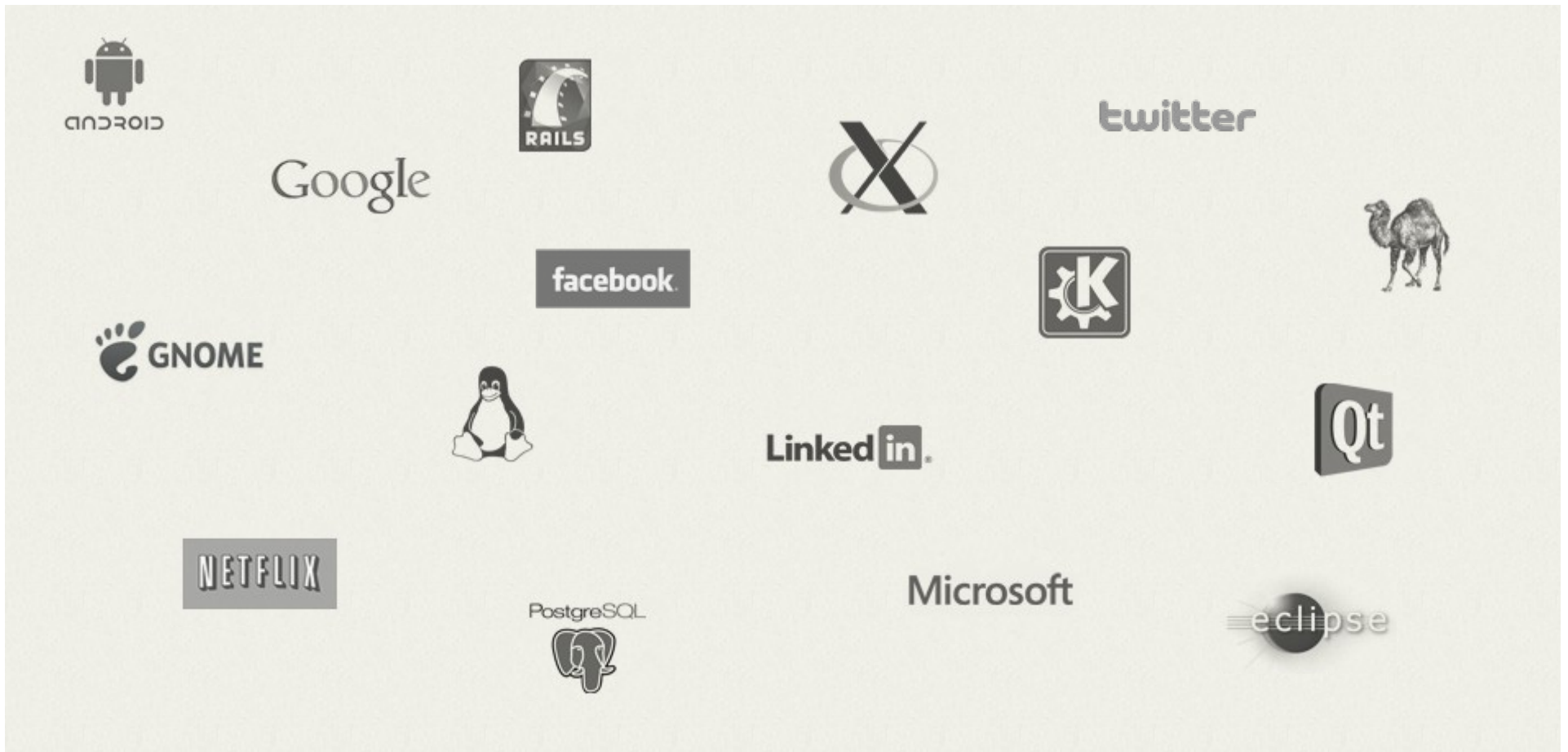
Subversion is the
most pointless
project ever
started

Linus Torvalds

چرا git



چه کسانی از git استفاده می کنند



رابط کاربری گرافیکی

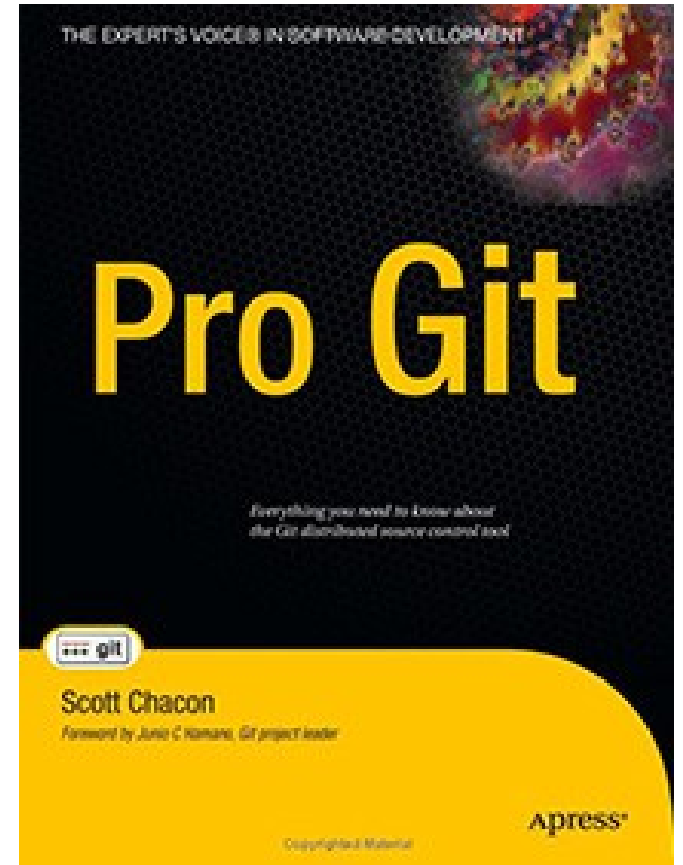
Cocoon	gitk	git-gui
tig	QGit	Giggle
gitview	git-forest	GitForce
GitJungle	Qct	git-cola
teamGit	GitX	Pyrite
gitSafe	Git Extensions	TortoiseGit
Dreamweaver GIT	git-cheetah	gitg
git-age	Qt Creator	SmartGit
PyjamasGitWeb	SourceTree	Agit
Katana	RepoWatch	Sprout

<http://bit.ly/git-gui-by-gitwiki>

منابع آنلاين

Google™

 stackoverflow



http://try.githu b.io

1.1 - Got 15 minutes and want to learn Git?

Git allows groups of people to work on the same documents (often code) at the same time, and without stepping on each other's toes. It's a distributed version control system.

Our terminal prompt below is currently in an **octobox** directory. To initialize a Git repository here, type the following command:

→ **git init**



The screenshot shows the tryGit web interface. At the top, there's a terminal window titled 'TryGit - 1298x300' with a dark background. It contains the text 'Press enter to submit commands' and a prompt '\$'. Below the terminal is a white panel titled 'My Octobox Repository' which is currently empty. To the right of this panel is a blue 'Advice' section with a small Octocat icon. The advice section contains the following text: 'Directory: A folder used for storing multiple files.', 'Repository: A directory where Git has been initialized to start version controlling your files.', and 'Clicky Click: Click on the instructions preceded by an arrow. They will be copied into the terminal.'

git نصب



```
$ apt-get install git
```



```
$ cd /usr/ports/devel/git  
$ make install
```



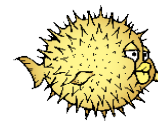
```
$ pkg install developer/versioning/git
```



```
$ yum install git
```

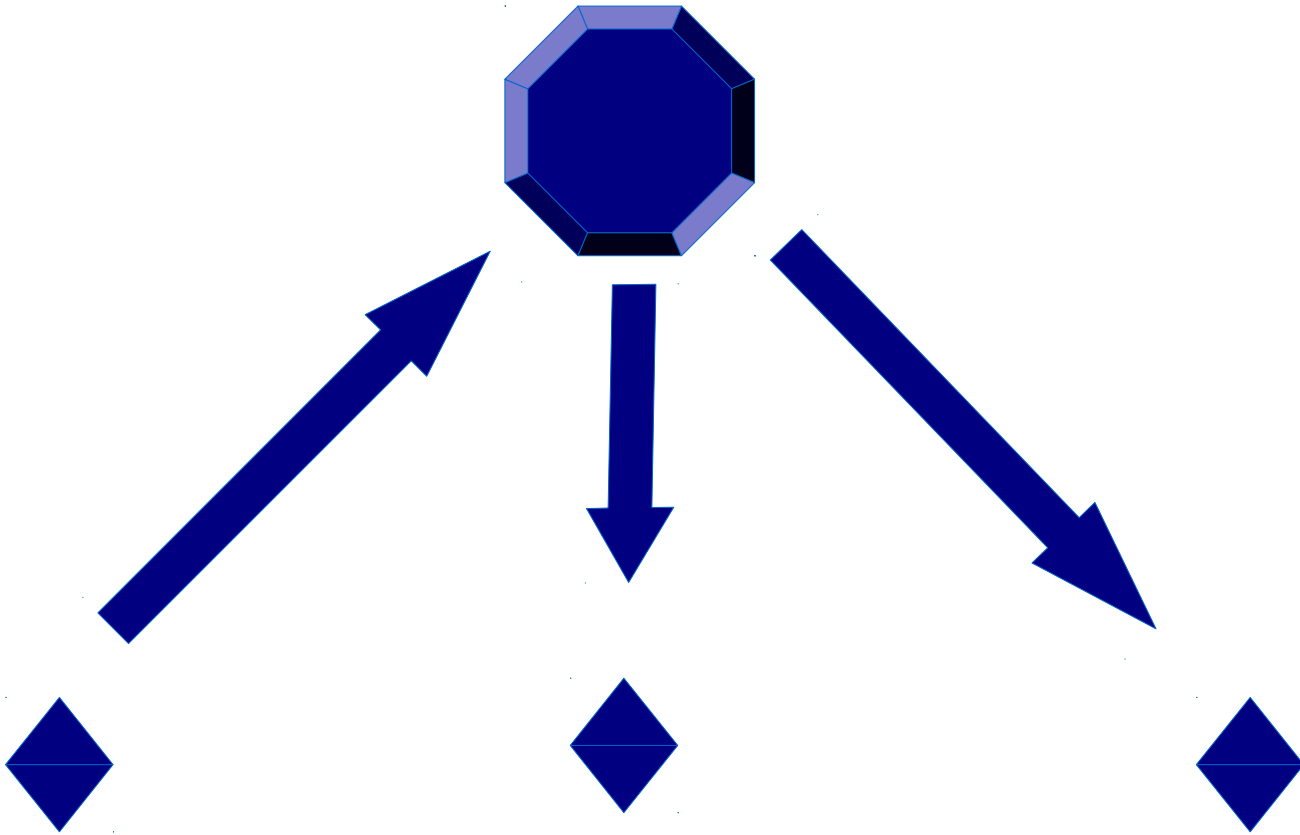


```
$ emerge --ask --verbose dev-vcs/git
```

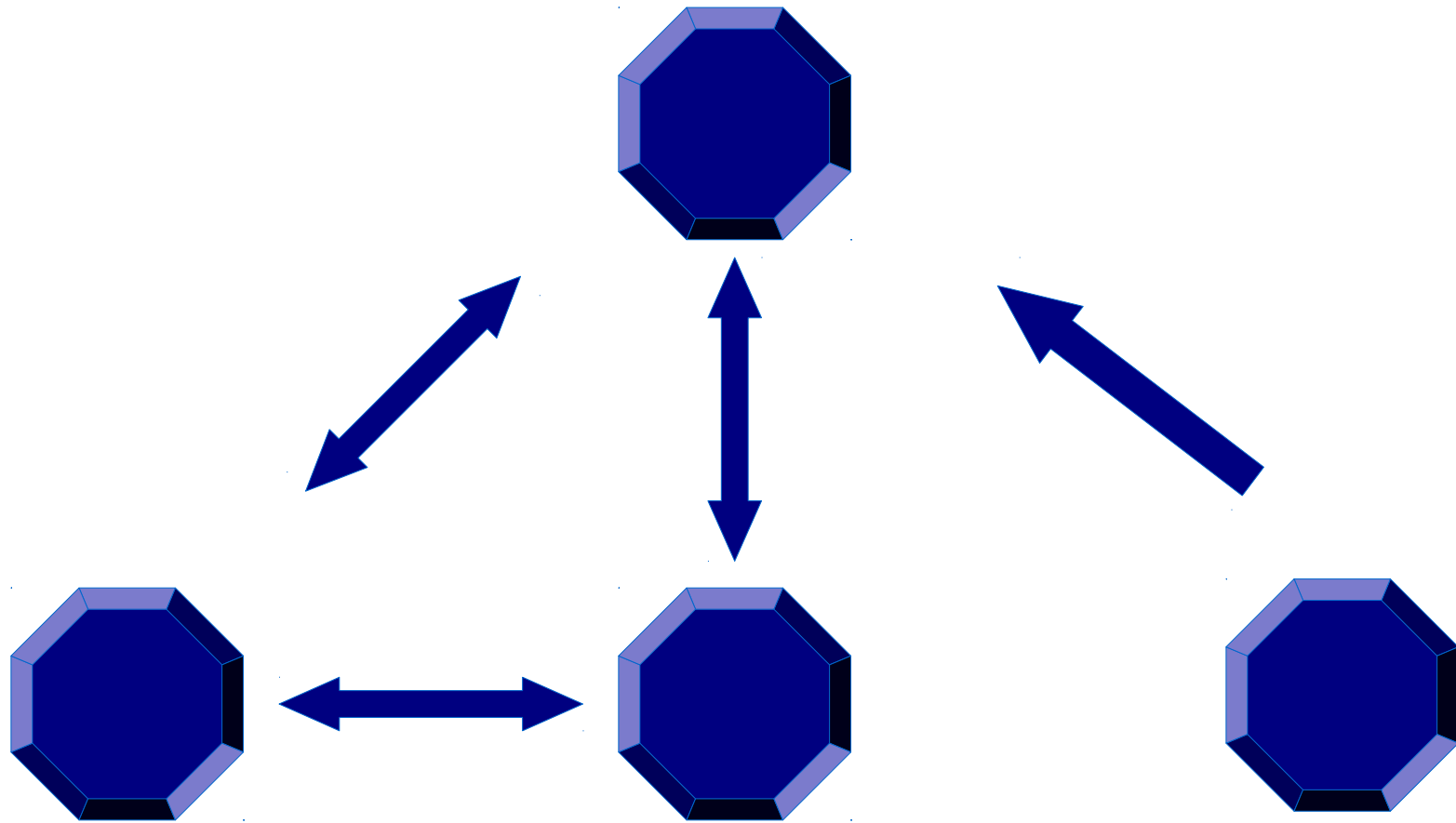


```
$ pkg_add git
```

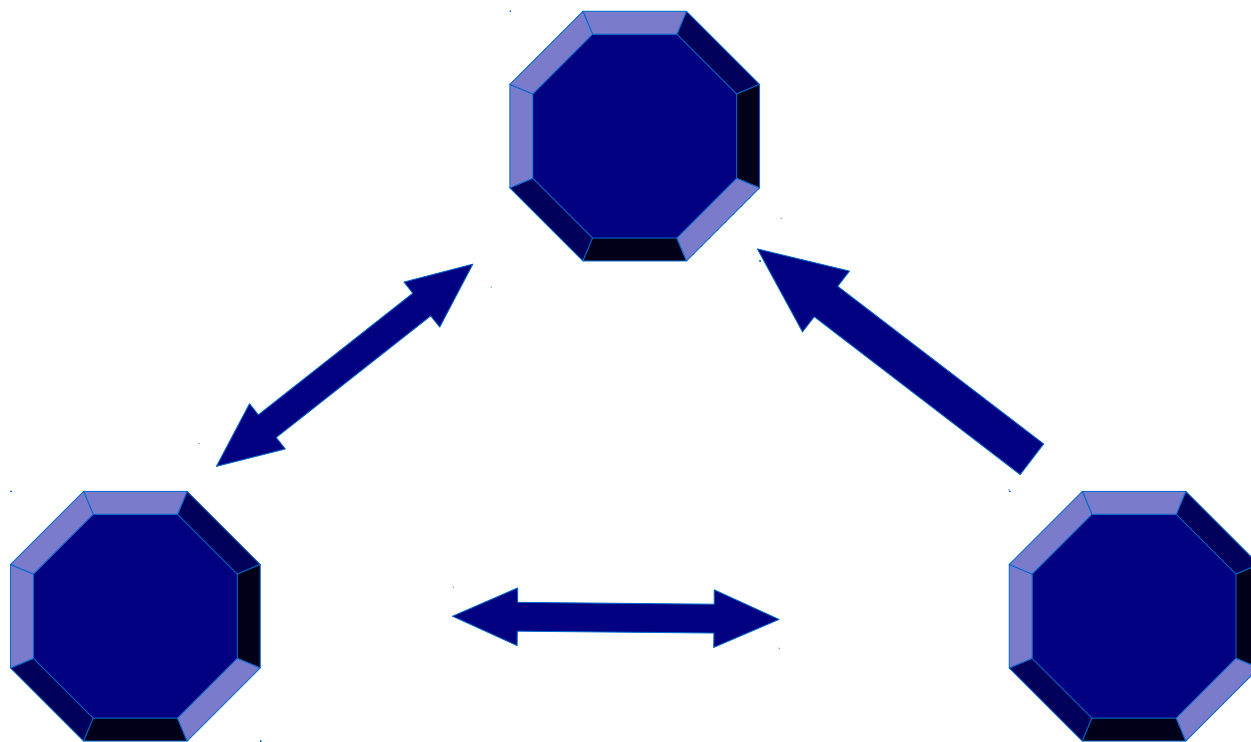

SVN



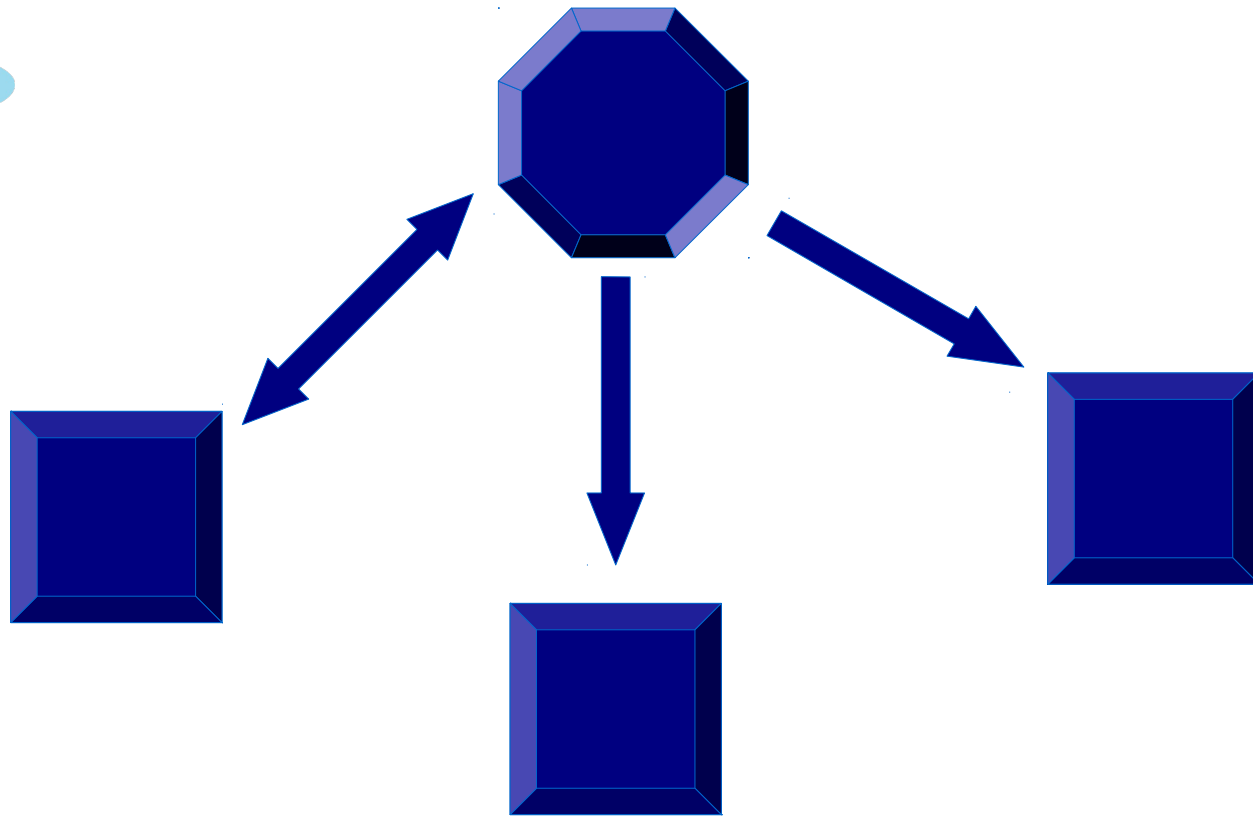
git centralized



Anarchi



Blessed



Lieutenant

