



Revision Control

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<http://changedmy.name/>

A brief overview of centralized version control

Distributed VCS

Git - what is it?

A few reservations

Questions

You did **what** with Git?

Centralized Version Control

centralized_01

centralized_02

centralized_03

Distributed Version Control System

(DVCS)

Git

Mercurial (hg)

Bazaar (bZR)

Darcs

Monotone

Everyone has a repository!

git00

git01

git02

git03

git04

git05

git07

<http://hginit.com/>

Git

Fast

Handles large repositories well

Designed with multiple users in mind

Powerful and flexible

Arcane syntax

Change Control, not Version Control

Staging Index

hack hack hack

add files to index

commit changes

<http://tomayko.com/writings/the-thing-about-git>

<http://plasmasturm.org/log/gitidxpraise/>

```
$ └─[pearson@Bragi] - [~/Documents/talk-revision_co
└─[$]> git add -p showoff.json
diff --git a/showoff.json b/showoff.json
index 6a561f0..f58d37d 100644
--- a/showoff.json
+++ b/showoff.json
@@ -1,5 +1,6 @@
 [
-     {"section": "intro"},
-     {"section": "why"},
-     {"section": "how"}
+     //{"section": "intro"},
+     //{"section": "why"},
+     //{"section": "how"},
+     {"section": "git"}
 ]
Stage this hunk [y,n,q,a,d,/,e,?]?
```


Stash

```
$git stash --keep-index  
[run tests]  
git commit  
git stash pop
```

Cheap Branches

git-svn

Rebasing

<http://schacon.github.com/history.html>

Easy Self-Hosting

Reservations

Horrible UI

gitk (bundled with git)

git-gui (bundled with git)

TortoiseGit

GitX

gitnub

Gity

Steep Learning Curve

Pro Git

An Illustrated Guide to Git on Windows

Git for Computer Scientists

Intro to Git for Web Designers

Git for Designers

git ready

Requires Maintenance

git-repack

Questions?

You did **What?**

git-wiki

<http://atonie.org/2008/02/git-wiki>

ticgit

```
$>ti
```

Please specify at least one action to execute.

```
list state show new checkout comment tag
```

```
$ti new -t 'my new ticket'
```

```
$#>ti list
```

```
1.  TicId Title State Date Assgn Tags
```

```
-----
```

```
2.  1 9ebd07 add attachment to ticket open 03/22  
    2 6ca8be download attached file open 03/22 s  
    3 bec8e9 add a milestone resol 03/22 schacon  
    4 9b83ea general tag management open 03/22 s  
    5 94f24e show expanded comments open 03/22 s  
    6 f3dd9b remove a ticket open 03/22 schacon  
    7 e1629e improved cli support open 03/22 sch
```

<http://wiki.github.com/schacon/ticgit/>

gitfs

<http://www.sfgoth.com/~mitch/linux/gitfs/>