

Introduction to Git



Git Quick Start

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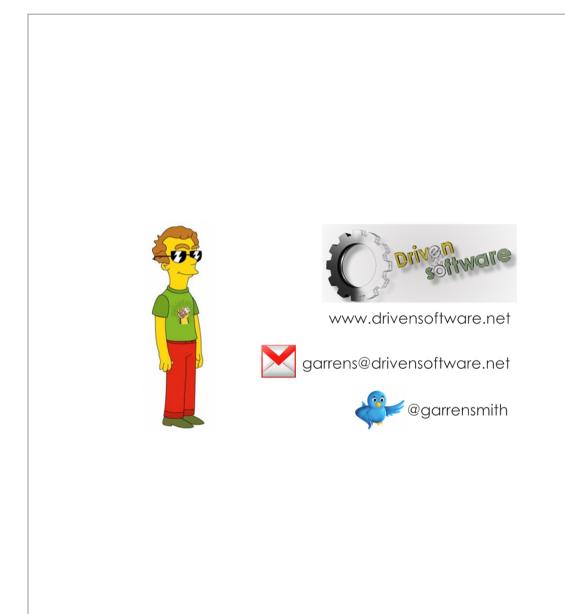
Introduction to Git

Basic Commands

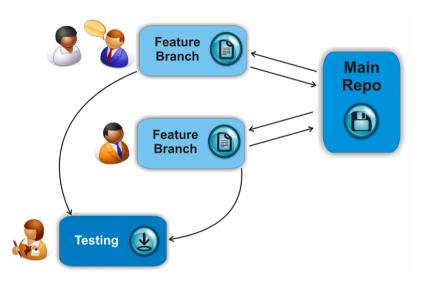
Workflow

Live demo

Where to start?



Keyblade / Agile Workflow





Forget everything you know about version control



Motivation

"The end result was that I decided I can write something better than anything out there in two weeks, and I was right."

What is it?

Fast

Distributed version control system

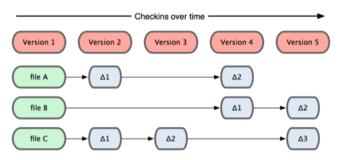
Think in changes/patches not revisions

Easy branching

Automagical merging

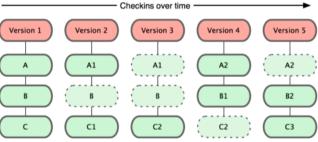
How does it work?

Git is a file system part 1



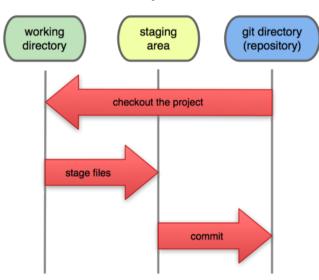
Git is a file system part 2

Snapshot of system each time a change is



How it works

Local Operations



Commands

```
$ ait init
create git repository in folder
$ git status
lists current status of repo eg.
 On branch master
 Changed but not updated:
   (use "git add <file>..." to update what will be c
(use "git checkout -- <file>..." to discard chang
    modified: lib/TodoItem.rb
    modified: spec/lib/spec_TodoItem.rb
$ git add <file name>
adds file to staging area
$ git commit -m "MY MESSAGE"
commits changes
$ git checkout -b new_branch
creates a new branch
$ git checkout new_branch
switches to new branch
$ git pull --rebase
get latest from trunk
$ git push origin master
push changes to server
```

Workflow

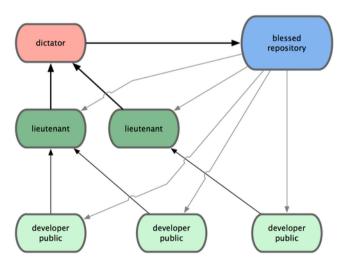


G I T

What you gon' do with all that junk? All that junk inside your trunk?

DIV DESPAIR COM

Linux Kernel



DEMO

Advantages

local system

branching

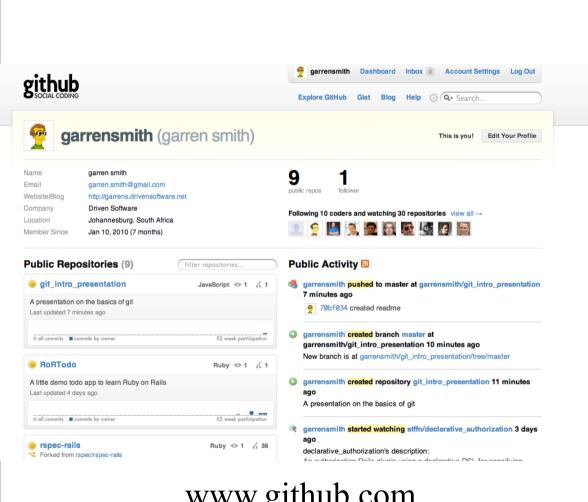
fast

distributed

disadvantages

steep learning curve

where to from here?



www.github.com

Help

http://gitref.org/

email:

garrens@drivensoftware.net



Be free and Spread the word

Questions?

