

# Coding is Social

Tests, Bugs, Patches, Releases

# The Bazaar

- Release early. Release often
- Users as co-developers
- Lots of testers
- Recognize good ideas (from others)

[http://en.wikipedia.org/wiki/The\\_Cathedral\\_and\\_the\\_Bazaar](http://en.wikipedia.org/wiki/The_Cathedral_and_the_Bazaar)

# Version Control

- Track changes to a collection of files
- Browse the timeline of a project
- Local, Central, Distributed
- RCS, CVS, SVN, ClearCase, SourceSafe
- Vocabulary
  - Change, Branch, Commit, Conflict, Trunk, Merge, Revision, Tag

# git



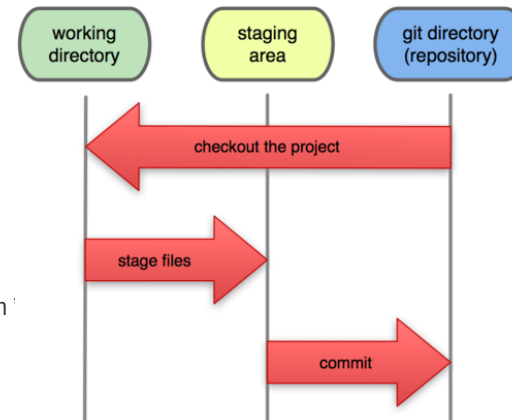
- Created in 2005
- Designed for speed
- Support for many parallel branches
- Distributed, promotes local work
- Able to handle large projects

# MVP

```
$ git init  
$ git add *.html  
$ git add *.js  
$ git commit -m 'first version'
```

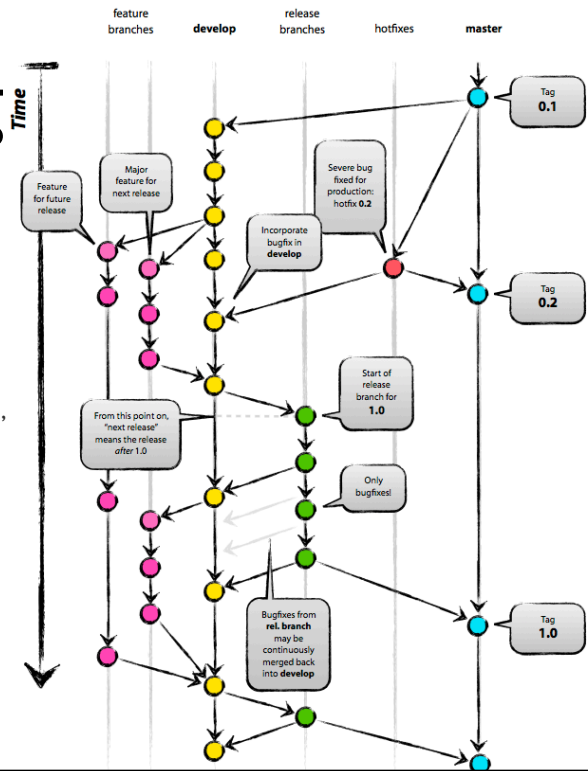
```
$ git clone [url]  
$ git status  
$ git add FIXED.js  
$ git commit -m 'Bug 53: Fixed'
```

## Local Operations



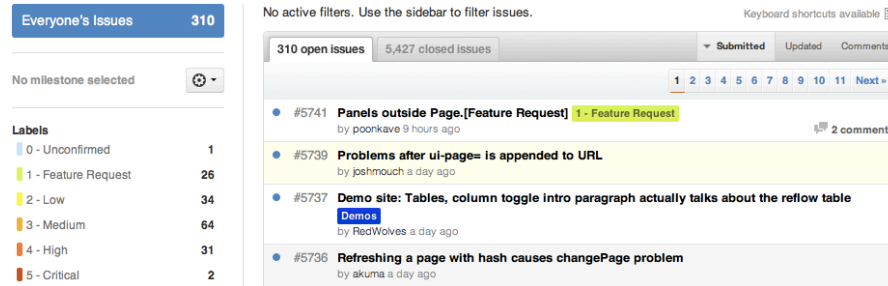
# Branching

```
$ git branch bug53  
$ git checkout bug53  
$ vim ...  
$ git commit -a -m 'fixed'  
$ git checkout master  
$ git merge bug53  
$ git branch -d bug53
```



<http://git-scm.com/book/en/Git-Branching-Basic-Branching-and-Merging>

# Issue Tracking



<https://github.com/jquery/jquery-mobile/issues>

Testing, Retesting, Bugs, Cross-browser