Git for Teams

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Git for Teams

- Tagging
- Branching
- Distributed Workflow
A tag is an alias for a commit. Create an annotated tag with `git tag -a`

```
[chris@nijinsky ~/work/vcs/github/tomcat-todo]
$ git tag -a m1 -m "Milestone 1: initial demo to class."
```

This creates an annotated tag (`-a`) called `m1` with a tag message of "Milestone 1: initial demo to class." We can list tags:

```
[chris@nijinsky ~/work/vcs/github/tomcat-todo]
$ git tag
m1
```

And, for annotated tags, we can show the tag’s details:

```
[chris@nijinsky ~/work/vcs/github/tomcat-todo]
$ git show m1
tag m1
Tagger: Chris Simpkins <chris.simpkins@gmail.com>
Date: Wed Jun 12 07:14:17 2013 -0400

Milestone 1: initial demo to class.
```
Reverting to a Tag and Sharing Tags

Let's say we add and commit

src/main/webapp/stylesheets/main.css and modify
src/main/webapp/list.jsp to use the stylesheet, but then we
want to revert our working copy of the repo to the m1 tag. We can do
this with git checkout

$ git checkout m1

Git gives us a message about being in a ’detached HEAD’ state, and
the new stylesheet changes are gone from our working copy.
We can get back to the current version of the rep by checking out master:

$ git checkout master

Tags aren’t pushed to a remote unless you tell git to push the tags. You
can push all of your tags with git push -tags or a specific tag with
git push tag m1. You’ll need to do this when you tag your
milestones.