

git

Ben Scheirman

what scm tool are
you using?

what scm tool are
you using?

Subversion?

TFS?

VSS?

MKS?

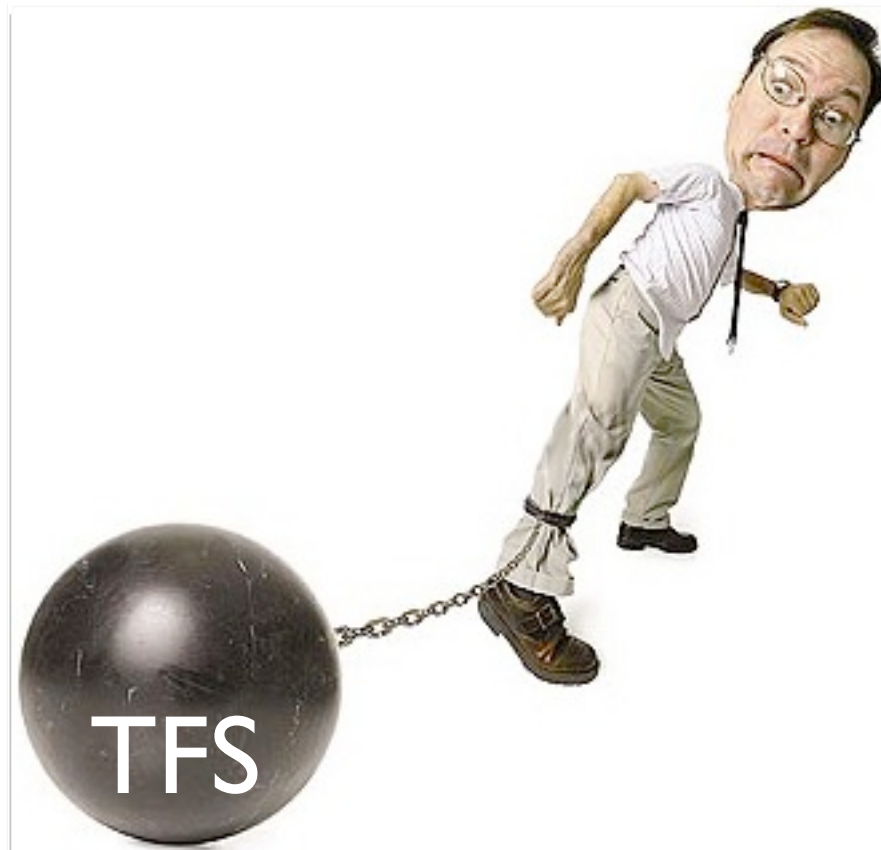
CVS?

Perforce?

FSA?

git?

hg?



TFS

TFS

Team Frustration Server?

TFS

TFS

Totally Fucking Stupid?

TFS

TFS

Tempt Fate & Suffer?

all kidding aside...

I don't love git because it's
better than TFS...

I love git

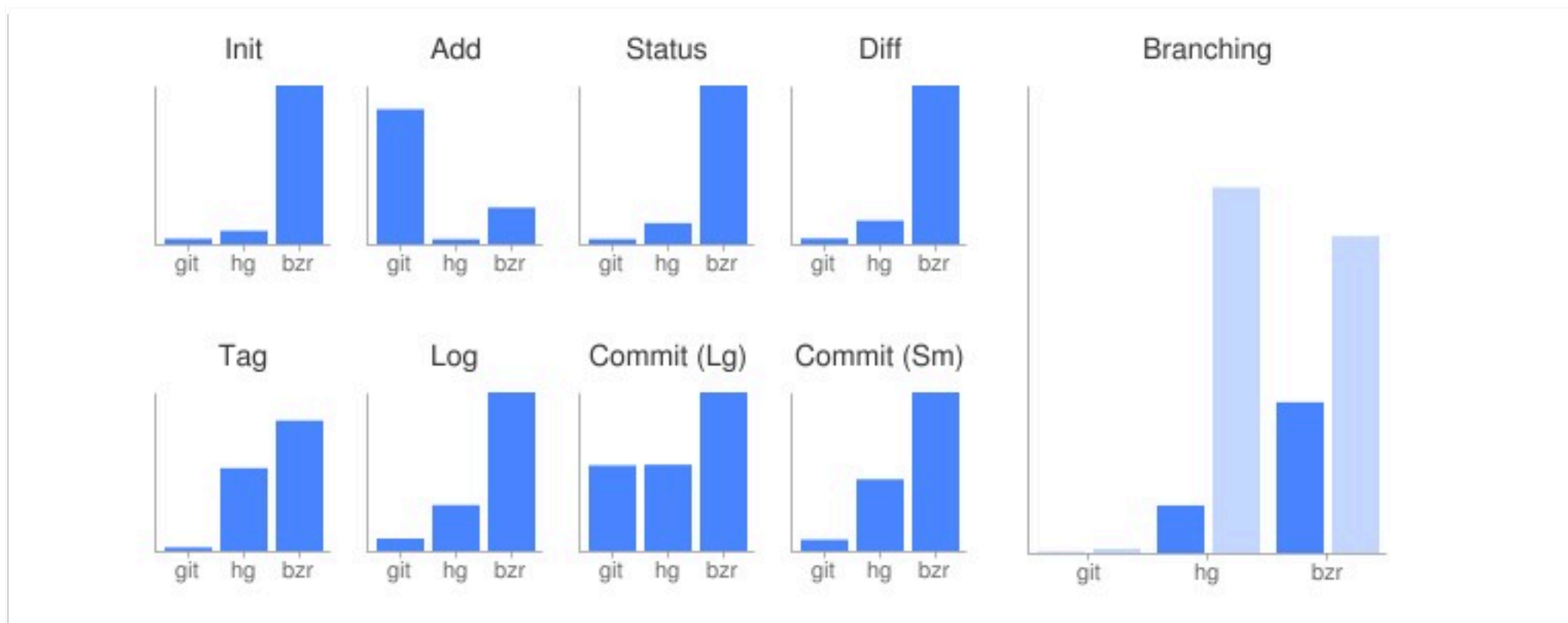
because it's freaking awesome.

stop me if this
sounds familiar

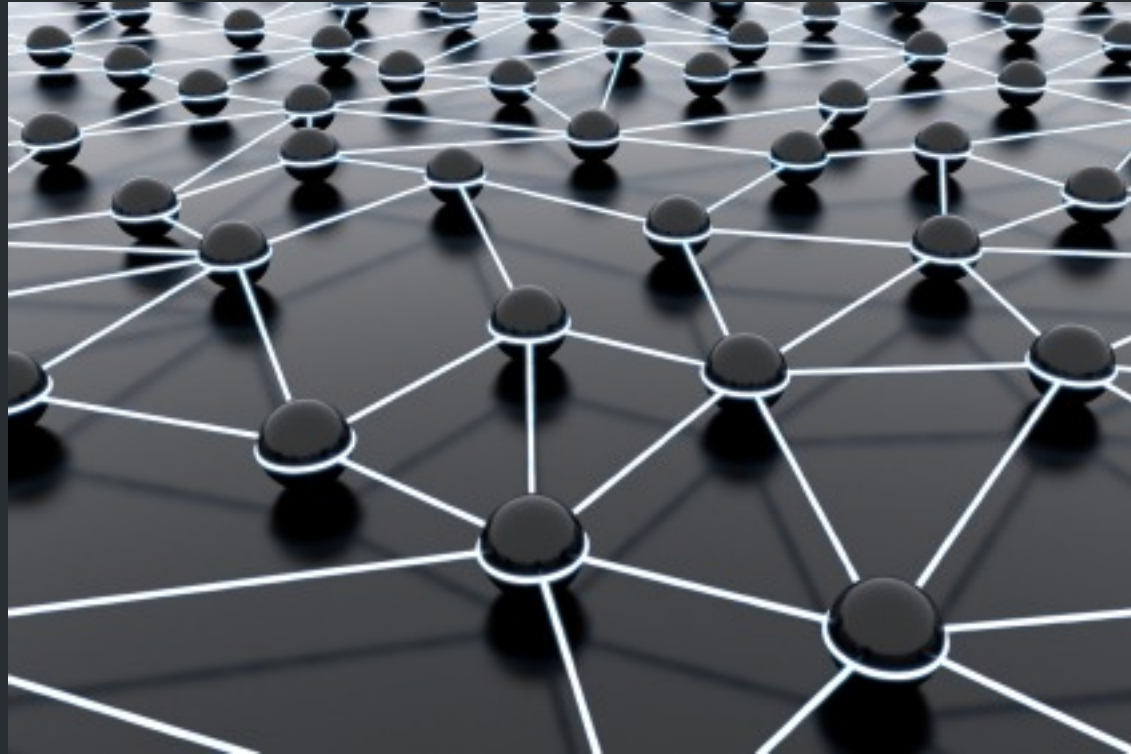


learning git changed
the way I develop
software

why git?



git is fast



git is distributed

```
$ git commit --amend
```

git is forgiving

git probably matches your
workflow



git demo

initialization

staging files

committing

remotes

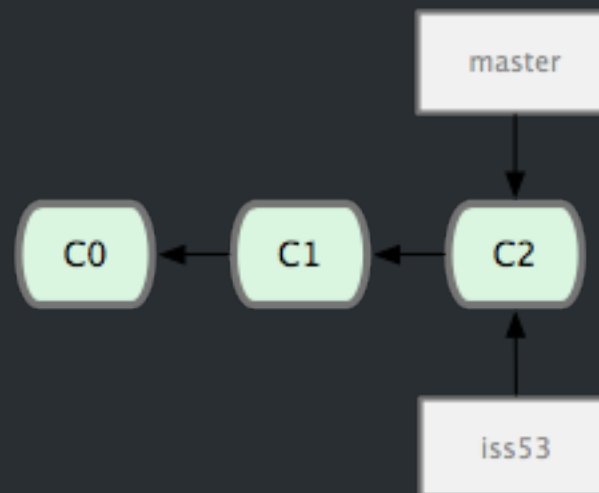
push / pull

Branching

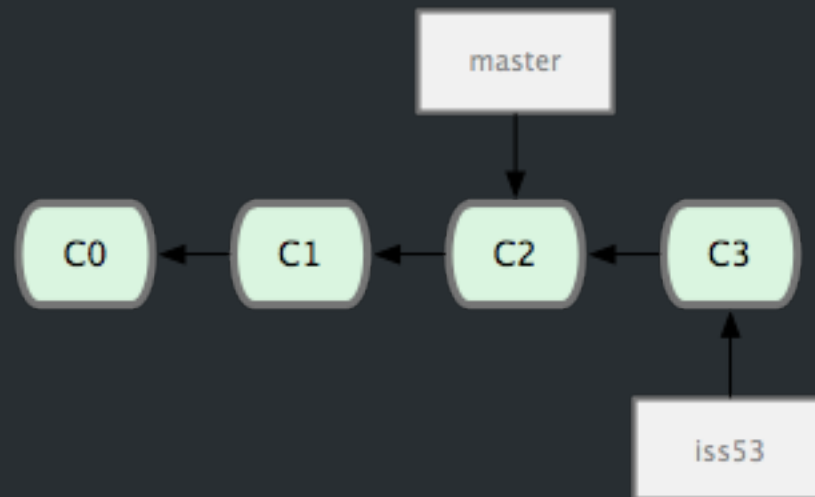
Branching

Don't believe the FUD...
branching is EASY

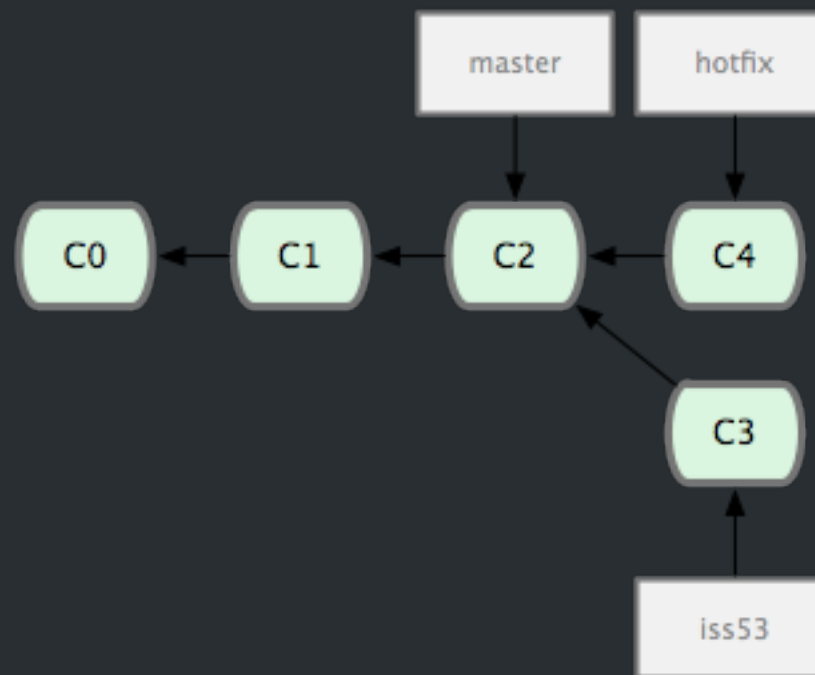
Branching is lightweight



Branching is lightweight

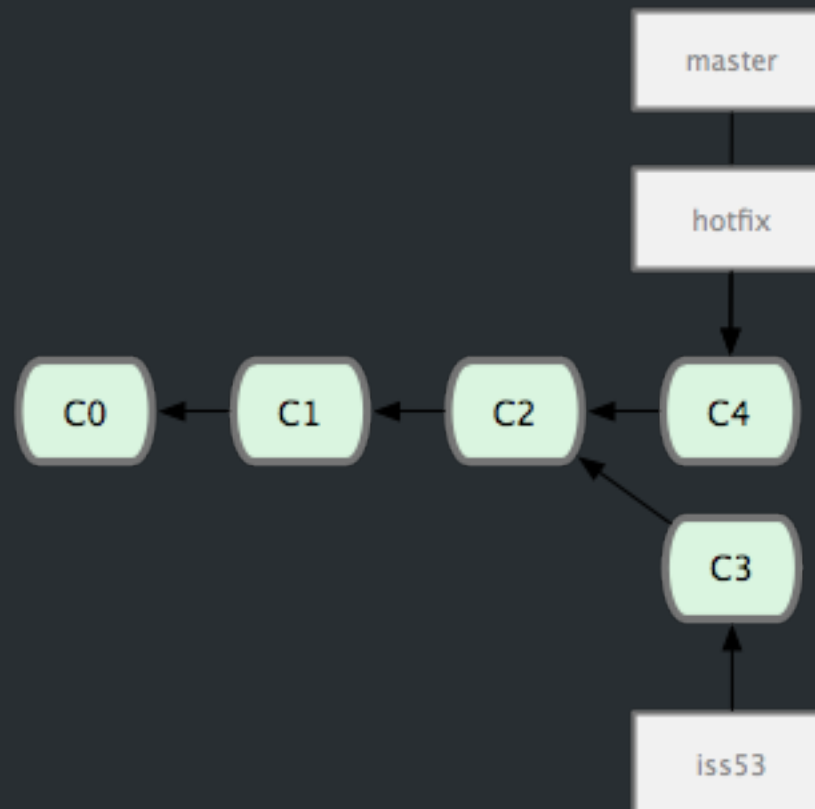


Branching is lightweight

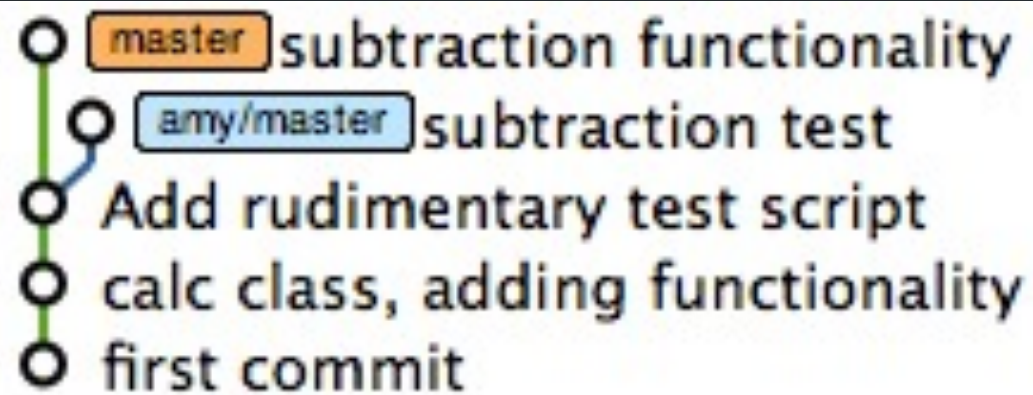


Branching is lightweight

Branching is lightweight

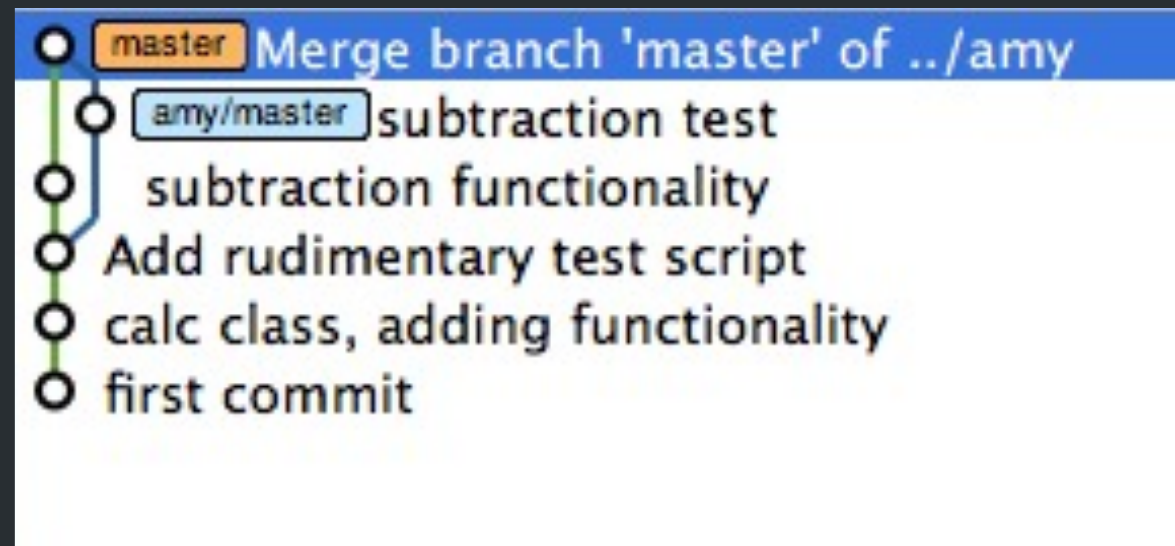
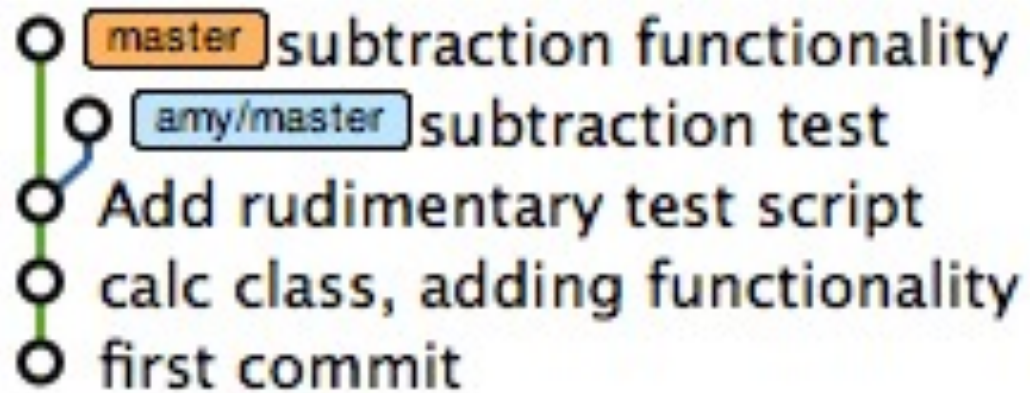


merge versus rebase



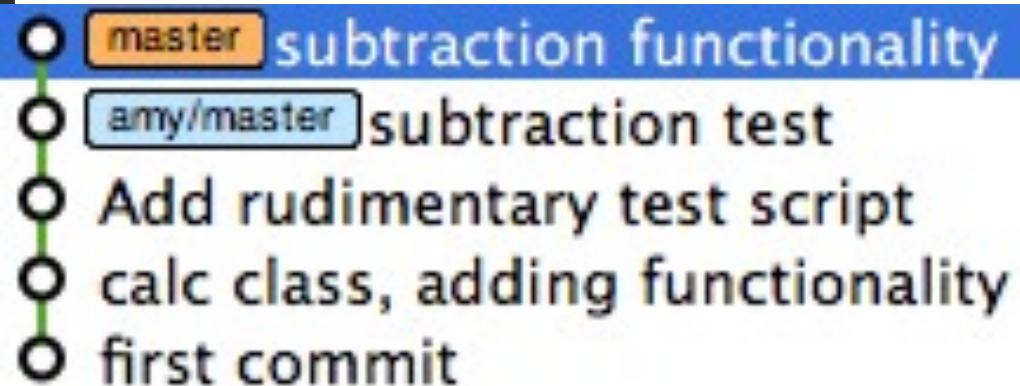
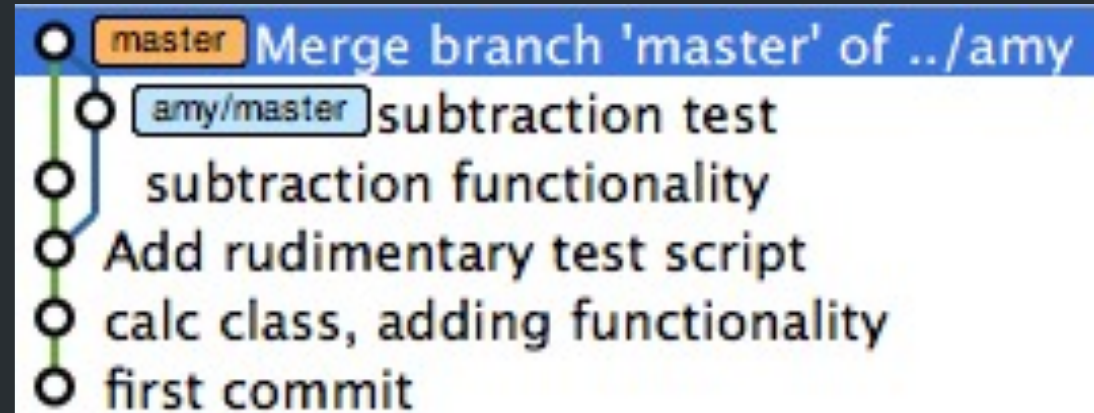
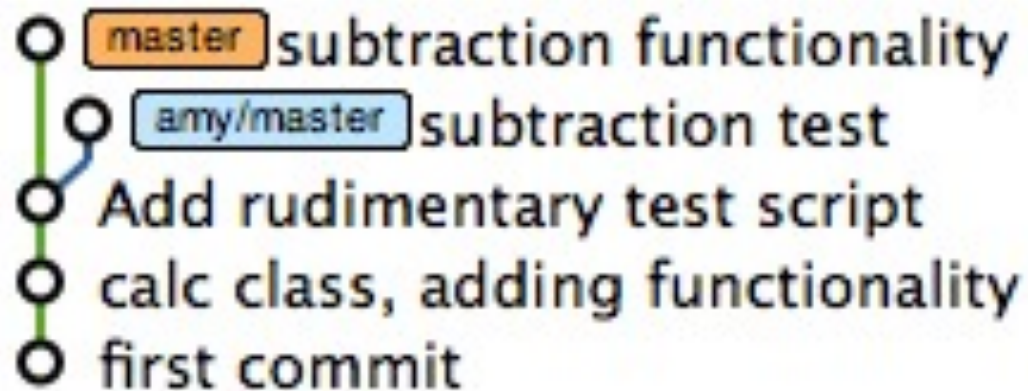
merge versus rebase

Merge



merge versus rebase

Merge



Rebase

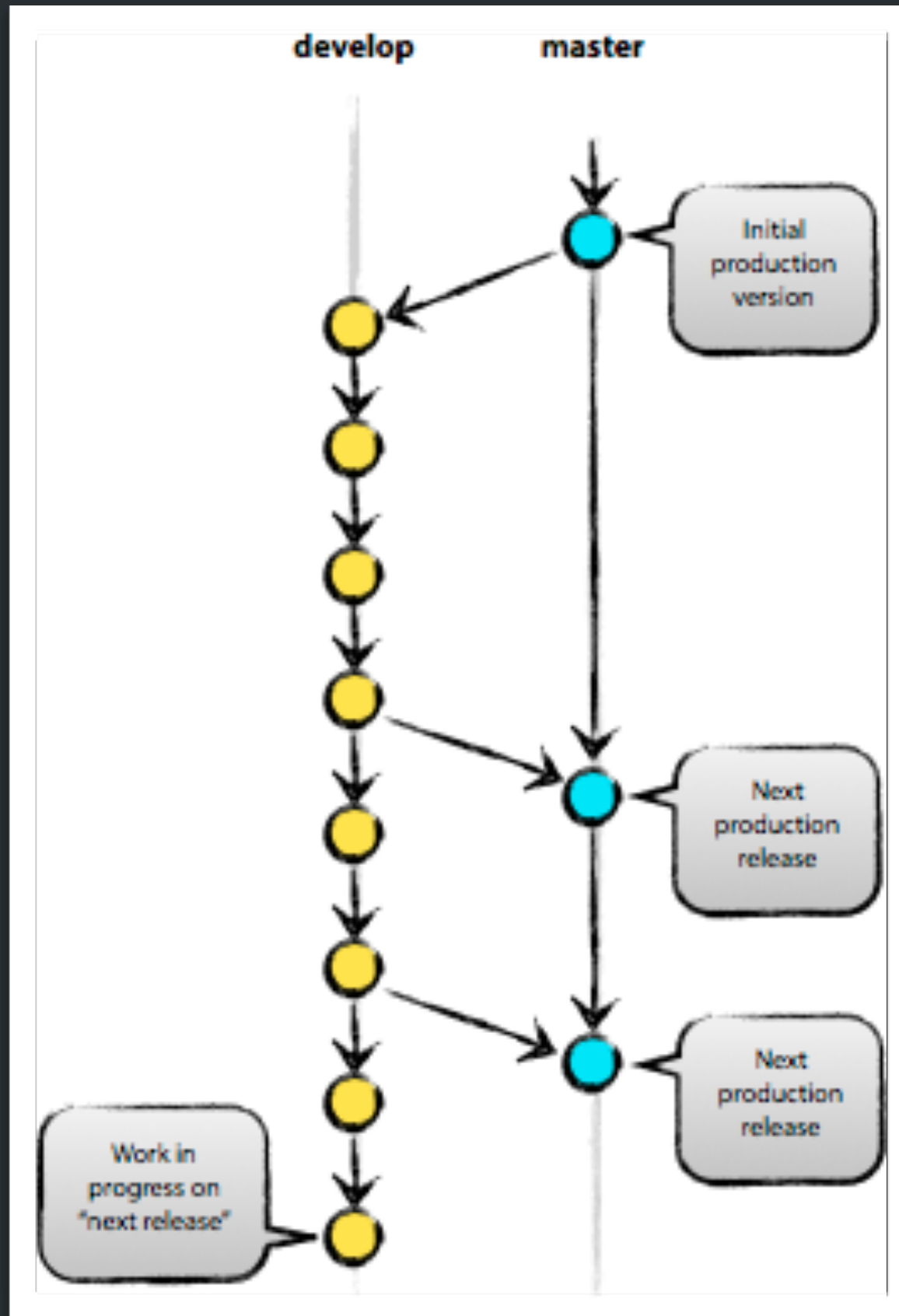
**Never rebase a public
branch**

git demo

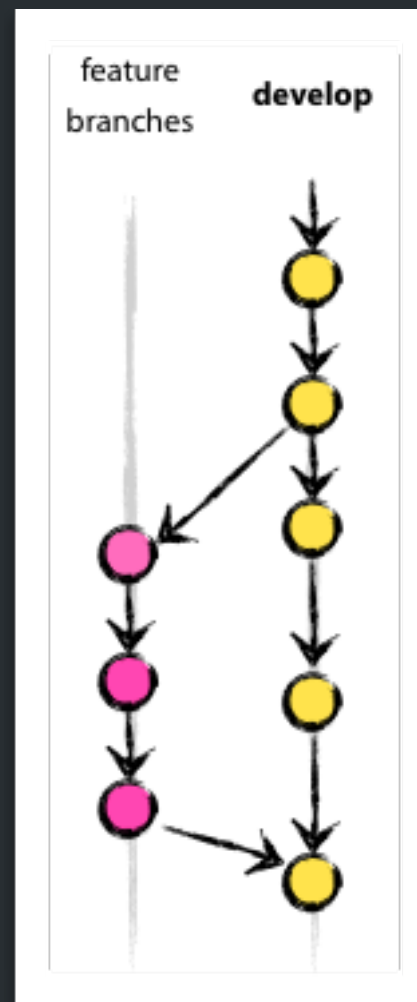
branch

merge

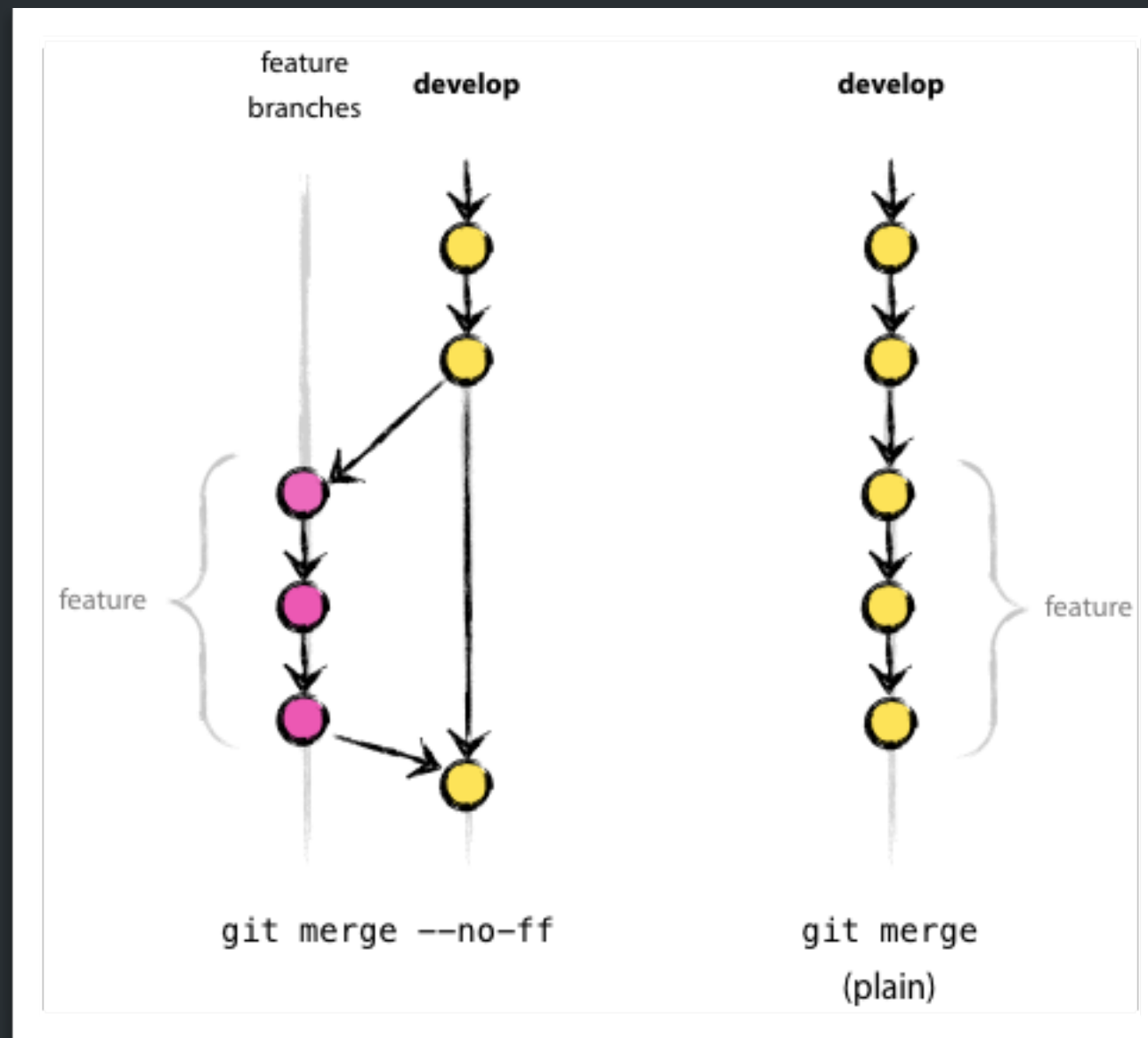
rebase



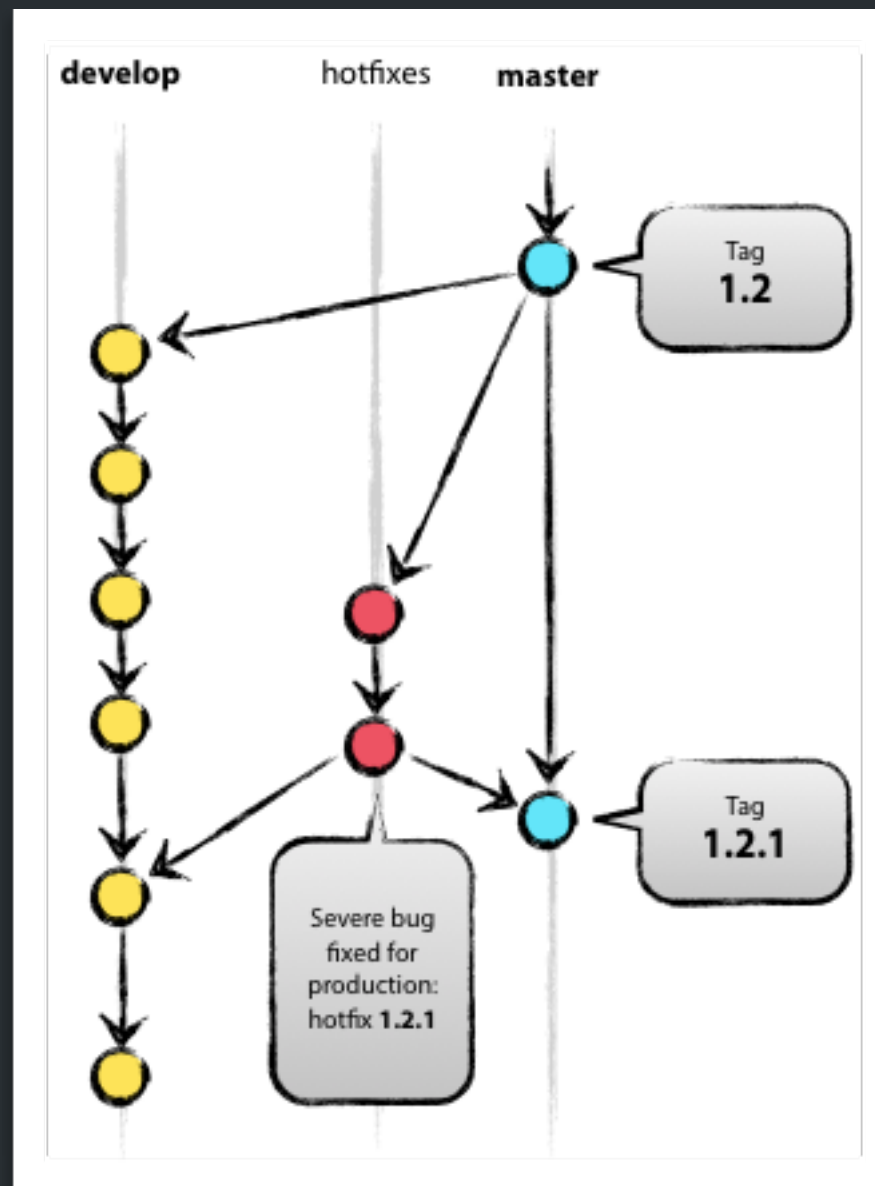
Feature Branches a.k.a "topic" branches

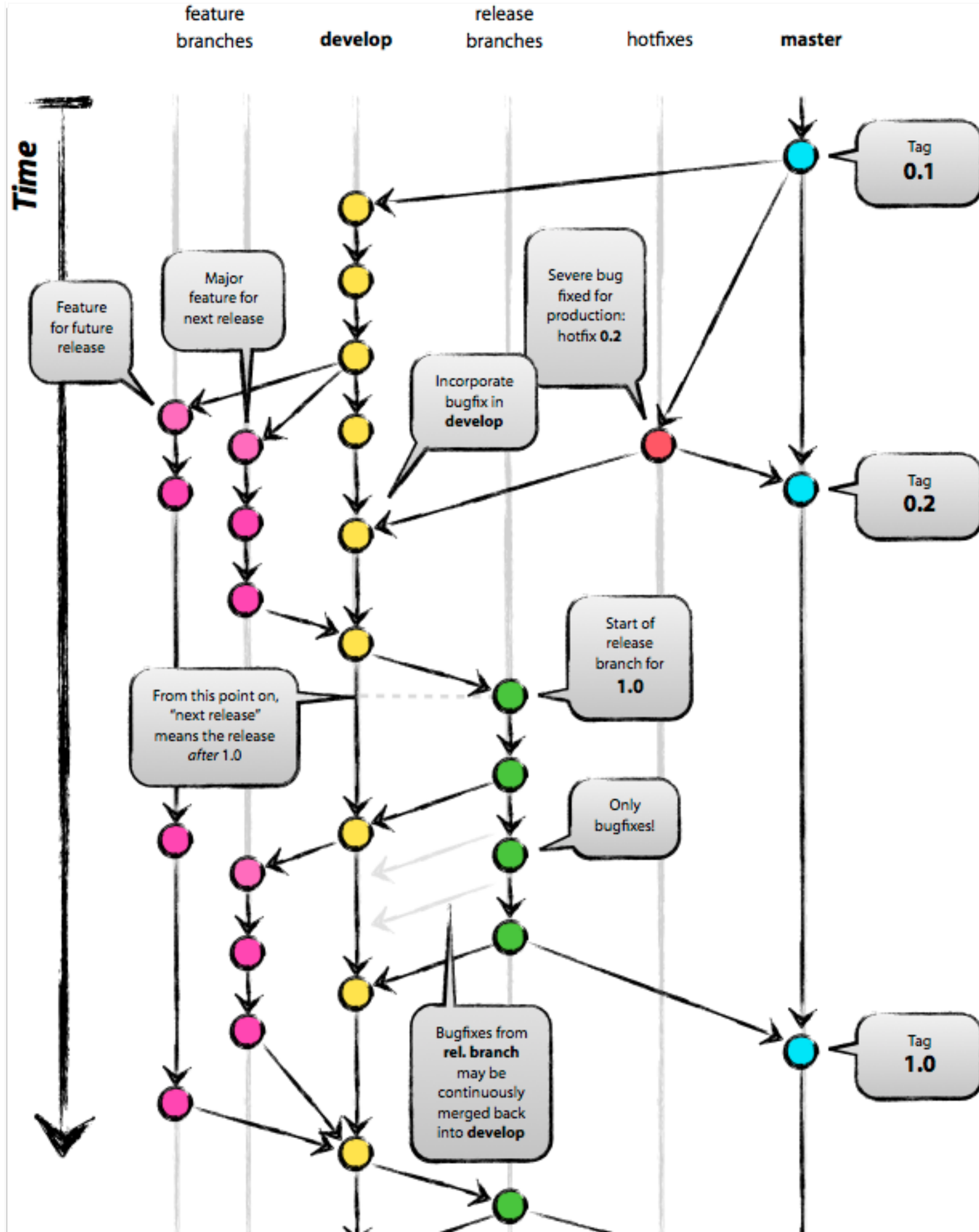


Merge (no fast-forward)



Hotfixes





contribute to open source projects

Fork & Clone the project

```
$ git clone git@github.com/username/project.git
```

Add a remote called "upstream"

```
$ git remote add upstream http://github.com/user/project.git
```

Thank You

Credits

- ▶ <http://whygitisbetterthanx.com>
- ▶ <http://nvie.com/posts/a-successful-git-branching-model/>
- ▶ <http://progit.org/>