The Git workflow
shiny new

Everything is happy and up-to-date in develop

```
git checkout develop
git pull origin develop
```

Let's branch to make changes (remember to specify develop at the end)

```
git checkout -b my-new-feature
```

Go ahead, make changes now.

```
$EDITOR file
```

Commit your (incremental, atomic) changes

```
git add .  ( . for all files or specific file name)
git commit -am "my changes"
```

Keep abreast of other changes, to your feature branch or master.
Rebasing keeps our code working, merging easy, and history clean.

```
git fetch origin
git rebase origin/my-new-feature
git rebase origin/develop
```

Optional: push your branch for discussion (pull-request), you might do this many times as you develop.

```
git push origin my-new-feature
```
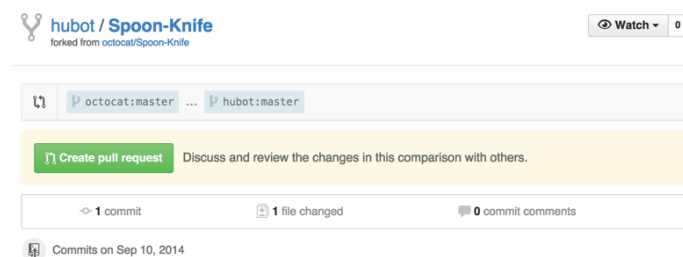
Merge when done developing
Github takes care of this in a Pull-Request merge...

If merged, please delete branch!

Manual merge if Github can't merge automatically

```
git checkout develop
git pull origin develop
git merge --no-ff my-new-feature
git push origin develop
```

Full instructions are on Github for command line merging

The Hotfix workflow
shiny new

If after a release, we have bugs (or missed changes) to be fixed separate to an end of sprint release then we can do the following:

Everything is happy and up-to-date in *MASTER*

```
git checkout master
git pull origin master
```

Create a branch to make changes using the naming convention *hotfix-LastReleaseDate-JiraTicket*
(remember to specify *MASTER* at the end)

```
git checkout -b  hotfix-LASTRELEASEDATE-JIRATICKET master
```

```
 The release date should be the most recent major release
(not one done as a hotfix) - if unsure, use the most
recent build date

For example:   git checkout -b hotfix-2015-01-19-Jira-836 master
```

Go ahead, make changes now.

```
$EDITOR file
```

Commit your (incremental, atomic) changes

```
git add .  ( . for all files or specific file name)
git commit -am "my changes"
```

Push your branch

```
git push origin hotfix-LASTRELEASEDATE-JIRATICKET
```

Merge into Master branch and release

hubot / **Spoon-Knife**
forked from octocat/Spoon-Knife

Watch ▾ 0

octocat:master ... hubot:master

Create pull request   Discuss and review the changes in this comparison with others.

1 commit   1 file changed   0 commit comments

Commits on Sep 10, 2014