Cheatography

ITS Web Team Git Cheats Cheat Sheet

by walkention via cheatography.com/18481/cs/1767/

Develop

Git Work Started

To start any new work which is isolated in the code base

In your dev site

[If you are already in a branch and have uncommitted changes, then Git Your Save On first]

```
git checkout master
git fetch -p
git merge origin/master
git checkout -b [username]-[new-branch-descriptive-name]
```

Git Your Save On

[Make sure you used Git Work Started first and are on your own branch!]

[In your dev site]

```
git add [files/folder]
git commit -m “Commit message. Best to make it descriptive and end in a period.”
```

Git Real

You're ready to take your changes to live

[Git Your Save On first!]

```
git checkout master
git fetch -p
git merge origin/master
git merge [username]-[new-branch-descriptive-name]
```

[Fix any conflicts that may come up]

```
git push origin master
git branch -d [username]-[new-branch-descriptive-name]
```

Git Back to Old Work

If you have old work in a branch that you need to return to

[If you want to incorporate the latest commited changes]

```
git checkout master
git fetch -p
git merge origin/master
git checkout [old-work-branch]
git merge master
```

[Fix any conflicts and start working]

[If you want to get back to old work quickly and merge during save]

```
git checkout [old-work-branch]
```

[Make changes]

[Now Git Your Save On]

Testing

Git Test Tubing

[Head to Test Site]

```
git fetch -p
git checkout test
git merge origin/master
```

[Test Away!]

Git Passed the Test

[Tests pass from Git Test Tubing]

```
git tag -am “Short description of what change is in tag.” live-YYYYMMDD-HHMM
git push origin live-YYYYMMDD-HHMM
```

Deploy

Git Stage Diving

[Create a tag via Git Passed the Test first!]

[Head to the stage site]

```
git fetch -p
git checkout stage
git reset --hard live-YYYYMMDD-HHMM
```

Git Busy Live'ing

[Create a tag via Git Passed the Test first!]

```
git fetch -p
git reset --hard live-YYYYMMDD-HHMM
```

[If deployment fails]

git tag	(List all tags)
git reset --hard live-YYYYMMDD-HHMM	(last known good tag)

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