

# Workflow - Git & Review Board

Adapted from <https://iwww.corp.linkedin.com/wiki/cf/pages/viewpage.action?pagelId=124791125>

## Before starting

Create and checkout a new branch:

```
git checkout -b <branch-name>
```

## Commit in small chunks

I find it easiest to use the gui for stage/commit/revert:

```
git gui
```

## Periodically rebase

This ensures that your work doesn't conflict with what's in the repo. Doing this as you work makes for an easier pre-commit rebase later:

```
git checkout master
git pull --rebase
git checkout
git rebase master
```

## Create the RB

Set your branch to track origin/master

```
git branch <branch-name> -u
origin/master
```

Create the review board:

```
git review
```

## Updating the RB

Commit to the branch like normal, then update like so:

```
git review update
```

## Squash commits (after getting ship-its)

Squash your commits into a single commit, to keep a clean history, and make reverting easier:

```
git rebase -i HEAD~<number-of-
commits>
```

I usually pick the first one, and squash the rest.

## Apply RB to your commit

```
git review dcommit
```

## Rebase your branches

If you've been doing this periodically, this should be painless:

```
git pull --rebase origin master
git checkout master
git pull --rebase
```

## Merge into master

This step ensures that the ACL and RB checks go smoothly:

```
git merge <branch-name>
```

## Push your changes

Finally!

```
git submit
```

## You're done!

Almost - you should still check go/crt. When all of the boxes are green, then you're done for real.

