

# GIT BASIC WORKFLOW

Create a new branch from existing **develop** branch, make changes, then merge back into **develop**.

Create a new branch from **develop** called "myNewBranch":

```
$ git checkout -b myNewBranch develop
```

Create this new branch in the git repo (the one on the web):

```
$ git push -u origin [myNewBranch]
```

Confirm what branch you are on:

```
$ git branch
```

*Make needed code changes...*

Stage your newly changed files:

```
$ git add * [or by file name]
```

Commit your newly changed files:

```
$ git commit -am "Your message here!" [-a => all, -m => message]
```

*Push your changes to YOUR branch...*

Confirm that you are on myNewBranch:

```
$ git branch
```

Now push your changes to YOUR "myNewBranch" branch:

```
$ git push
```

Switch to the **develop** branch:

```
$ git checkout develop
```

Update YOUR **develop** repository (the one on your local machine) with recent changes by others:

```
$ git pull
```

Merge your changes into the freshened **develop** branch (you may need to fix merge conflicts):

```
$ git merge --no-ff -m "A granular message about what you just did!"
```

Now that ALL conflicts are resolved, push your changes to the remote **develop** repo:

```
$ git push
```

Push myNewBranch to the git repo (on the web) again (now that it has been merged with develop):

```
$ git push origin myNewBranch
```