

# Steps for a clean coding

A-TEAM

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## 1 Intro

In Github, you should work with branches in order to avoid errors. Our project will have 3 fixed branches, but you can create as many as you want in order to implement your own features that could, maybe, produce errors to the others. Our fixed brunches will be:

- **develop**. Where everybody will work together and save their changes
- **release**. Where the tested code that works, goes
- **master**. The final and definitive branch. If something fails there, we are kind of fucked up.

Our repo will be at:

[https://github.com/Gonaco/mtp\\_protocol\\_A](https://github.com/Gonaco/mtp_protocol_A)

## 2 Commands

### 2.1 Create a new branch (automatically switch to using it)

Take into account that a branch is not available to others unless you push the branch to your remote repository (line 2 of the code below)

---

```
1 git checkout -b  
  ↪ feature_DJ_JJ_Branch_This_is_the_name_of_the_Branch_and_yes_JJ_is_Jorge_Jorge  
2 git push origin  
  ↪ feature_DJ_JJ_Branch_This_is_the_name_of_the_Branch_and_yes_JJ_is_Jorge_Jorge
```

---

### 2.2 Switch to another branch to work

In fact, you should **do this before starting to work the first time**

---

```
1 git checkout develop
```

---

### 2.3 Delete a branch

---

```
1 git branch -d  
  ↪ feature_DJ_JJ_Branch_This_is_the_name_of_the_Branch_and_yes_JJ_is_Jorge_Jorge
```

---

### 2.4 Merge another branch into your active branch

---

```
1 git merge develop
```

---

### 2.5 All-commands-you-should-know-about-git guide

<http://rogerdudler.github.io/git-guide/>

**ALERT:** Note that the push you should normally use is the following

---

```
1 git push origin develop
```

---

because our changes should go to that branch first. **Do not use** `git push origin master`