

VCAT GitHub Workflow

Before making any changes and modifications to the code, make sure you have the latest version of the main branch by either cloning it:

```
git clone https://github.com/mpifr-vlbi/VCAT.git
```

or navigating to your local VCAT folder.

If needed, switch to the main branch first:

```
git checkout main
```

and then pull the latest changes:

```
git pull
```

If you want to **code a new feature**, please create a new branch to work on (important, never work on the main branch directly!):

```
git checkout -b your-branch-name
```

This will create a new branch locally on your computer, every commit is now pushed to that branch instead of the main branch).

From here, you can do as many changes and commits as you want.

If you are ready to push the changes to the online repository do:

```
git push -u origin your-branch-name
```

This will push your local branch with the changes to the github repository as a new branch. We can create as many branches as we want and work in parallel on different features, as long as they don't interfere with each other.

In order to get changes into the main branch and finally include the features, you need to issue a **"pull request"**, ideally on the github website. The pull request will need to be reviewed by another person before it can be merged to the main branch.