

Git Feature branch workflow

Basics:

- Branch develop as base working branch
- For every feature create a new branch from develop
- After working on feature, pull from develop into feature branch to check for conflicts
- Merge feature branch into develop

Example: develop new “feature1”

Workflow:

1. Ensure you are on ‘develop’
 - check with **‘git branch’**
 - switch with **‘git checkout develop’**
2. Create new branch named ‘feature1’ and work on it
 - create and checkout with **‘git checkout -b feature1’**
 - add (all) changes **‘git add .’**
 - commit changes **‘git commit -m “message”**
 - push in remote feature branch **‘git push origin feature1’**
3. After finishing feature1 – pull develop into feature1 to check conflicts
 - ensure you are on **‘feature1’** branch
 - pull develop into feature1 **‘git pull origin develop’**
 - if there is a conflict manually edit conflicting files and use **‘git add’** to stage changes and commit
4. If everything works on feature1 – merge feature1 into develop
 - ensure you are on **‘develop’** branch
 - merge using **‘git merge feature1’**
5. Push changes into origin develop
 - **‘git push origin develop’**
6. Delete feature1 branch
 - delete locally **‘git branch -d feature1’**
 - delete on remote repository **‘git push origin —delete feature1’**