

Main branches

Main stable branche	master
Unstable branch	dev
Dev's personal branches	<task_name>_<task_desc> sc

Every developer starts it's own branch from dev. All the work done is assembled in dev. Once or two in a week dev is merged to master in stable state.

Branch flow

0. Make sure you are on dev branch *	git checkout dev
1. Update dev branch	git pull origin dev
2. Create your own branch	git branch <branch_name>
3. Switch to your branch	git checkout <branch_name>
4. Add changes to commit	git add .
5. Do the commit	git commit -m "commit message"
6. Switch to dev	git checkout dev
7. Update dev	git pull dev
8. Switch to your branch	git checkout <branch_name>
9. Rebase to updated dev	git rebase dev
10. Switch again to dev	git checkout dev
11. Merge your branch to dev	git merge <branch_name>
12. Push changes to server	git push origin dev

* Use git status to check you current branch

Starting work

Clone repo	git clone <repo_url>
Get branch	git fetch origin dev
Switch to branch	git checkout dev

Usefull tips

Check current state	git status .
Read history of commits	git log
Read file history	git log <file>
Add one file	git add <file>
Revert changes in file	git checkout -- <file>
Delete untracked files	git clean -fd
Delete branch	git branch -d <branch>
Get changes in file	git diff <file>
Get changes to be committed	git diff --staged

In <file> you can use * to skip some parts of the path or mask your files

