## Git flow Cheat Sheet

by lexa107 via cheatography.com/54231/cs/14555/

| Main branches |  |
| :--- | :--- |
| Main stable branche | master |
| Unstable branch | dev |
| Dev's personal <br> branches | <task_name>_<task_de <br> 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.

\section*{| Branch flow |  |
| :--- | :--- |
| $\begin{array}{l}\text { 0. Make sure you are } \\ \text { on dev branch * }\end{array}$ | git checkout dev |
| 1. Update dev branch | git pull origin dev |
| $\begin{array}{l}\text { 2. Create your own } \\ \text { branch }\end{array}$ | $\begin{array}{l}\text { git branch } \\ \text { <branch_name> }\end{array}$ |}


| 3. Switch to your <br> branch | git checkout <br> <branch_name> |
| :--- | :--- |
| 4. Add changes to <br> 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 <br> branch | git checkout |

9. Rebase to updated git rebase dev
dev

| 10. Switch again to dev | git checkout dev |
| :--- | :--- |
| 11. Merge your branch <br> to dev | git merge <br> <branch_name> |
| 12. Push changes to <br> server | git push origin dev |

* Use git status to check you current branch


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| 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 -- <br> <file> |
| Delete untracked files | git clean -fd |
| Delete branch | git branch -d <br> <branch> |
| Get changes in file | git diff <file> <br> git diff --staged |
| Get changes to be <br> commited |  |
| In <file> you can use * to skip some parts of the |  |
| path or mask your files |  |

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