Usefull git cmds (use git-gui - from here you can use gitk or git cmdline if needed)

Example:

<https://www.youtube.com/watch?v=govmXpDGLpo>

Version control a new or existing project

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| --- | --- | --- |
| task | Example | result |
| Goto existing or new project folder | Cd /repo/test |  |
| Copy git setup file to proj. folder  from an existing project | .gitattributes  .gitignore | The files will control with files to be source controlled etc. |
| Init new git repo | git init |  |
| Make project readme file | echo "project bla bla">>README.md |  |
| Add all files to local repo | git add \* |  |
| Make first commit to local repo | git commit -m "first commit" |  |
| Add the remote repo | Create via github web new repository for example:  **/peterflex/win\_xp\_welding\_program.git**  git remote add origin https://github.com/peterflex/win\_xp\_welding\_program.git | On github web the version is delete from the release folder |
| Send local change to remote repo so we are in sync. | git push -u origin master | We checkout out master branch at state == v4.5.0.190 |
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Tag a new version

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| --- | --- | --- |
| task | example | result |
| Check out a local branch | git checkout master |  |
| Make new version by tagging | git tag -a v4.5.0.190 -m “gps funk.” |  |
| Show avail. Tags | git tag OR git show v4.5.0.190 |  |
| Push tags to remote | git push origin v4.5.0.190 | On github web there is now added a new release |
| Delete a tag from local repo. | git tag –delete v4.5.0.190 |  |
| Delete a tag from git remote | git push origin –delete v4.5.0.190 | On github web the version is delete from the release folder |
| Checkout old version – a tag cant be checkout but we can make a new branch from a tag | git checkout -b master v4.5.0.190 | We checkout out master branch at state == v4.5.0.190 |
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