

My terminal command cheatsheet

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November 16, 2023

Add new console, classlibrary, xunit, solution

```
dotnet new console
dotnet new classlib
dotnet new xunit
dotnet new sln
```

Add i.e. solution with name

```
dotnet new sln --name mySolution
```

List all files in solution

```
dotnet sln list
```

Adds one or more project to the solution file

```
dotnet sln mySolution.sln add projectpath/myProj
```

Read file, listen, create file

```
cat
echo
touch
```

Create new .git repository

```
git init
```

Create a new repository on the command line

```
echo "# mygitrepository" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin git@github.com:fruniia/mygitrepository.git
git push -u origin main
```

Push an existing repository from the command line

```
git remote add origin git@github.com:fruniia/mygitrepository.git
git branch -M main
git push -u origin main
```

Commands in git

status	show status of working directory
-s	short version
add	adds file(s) to the staging area
commit	adds a commit to git
-m	message
log	shows previous commits in branch
--all	
--decorate	
--oneline	
--graph	
show	take a closer look at commit
diff	shows changes between your working directory and index/staging area

Branching in git

branch	show and create branches
-d <branch name>	delete branch
checkout	move HEAD to another branch or commit
-b <branch name>	create new branch and change to that branch
	does not change working directory
merge	bring changes from one branch into another

Remote in git

clone	clone a repo to a local .git repo
remote	show, create and change linked repos
push	send local changes to remote
pull	get changes from remote
fetch	update local info about remote

Undo in git

When working in a shared repo it is important that the commit history doesn't change, instead of removing the previous commit add the undos into a new commit.

checkout	get a commit, undo all changes in workspace
revert	create a new commit which undos all changes
reset	remove files from staging or remove a LOCAL commit
--soft	
--mixed	
--hard	
commit --amend	replaces the last commit with your new, improved commit