

# git\_class

April 19, 2020

```
[1]: pwd
```

```
/home/jupyter-danenok
```

```
[2]: git
```

```
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
        [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
        [-p | --paginate | --no-pager] [--no-replace-objects] [--bare]
        [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
        <command> [<args>]
```

These are common Git commands used in various situations:

start a working area (see also: `git help tutorial`)

<code>clone</code>	Clone a repository into a new directory
<code>init</code>	Create an empty Git repository or reinitialize an existing one

work on the current change (see also: `git help everyday`)

<code>add</code>	Add file contents to the index
<code>mv</code>	Move or rename a file, a directory, or a symlink
<code>reset</code>	Reset current HEAD to the specified state
<code>rm</code>	Remove files from the working tree and from the index

examine the history and state (see also: `git help revisions`)

<code>bisect</code>	Use binary search to find the commit that introduced a bug
<code>grep</code>	Print lines matching a pattern
<code>log</code>	Show commit logs
<code>show</code>	Show various types of objects
<code>status</code>	Show the working tree status

grow, mark and tweak your common history

<code>branch</code>	List, create, or delete branches
<code>checkout</code>	Switch branches or restore working tree files
<code>commit</code>	Record changes to the repository
<code>diff</code>	Show changes between commits, commit and working tree, etc
<code>merge</code>	Join two or more development histories together
<code>rebase</code>	Reapply commits on top of another base tip

```

tag          Create, list, delete or verify a tag object signed with GPG

collaborate (see also: git help workflows)
  fetch      Download objects and refs from another repository
  pull       Fetch from and integrate with another repository or a local branch
  push       Update remote refs along with associated objects

'git help -a' and 'git help -g' list available subcommands and some
concept guides. See 'git help <command>' or 'git help <concept>'
to read about a specific subcommand or concept.

```

```
[3]: pwd
```

```
/home/jupyter-danenok
```

```
[6]: git --version
```

```
git version 2.17.1
```

```
[7]: git config --global user.name "danenok"
```

```
[8]: git config --global user.email "baitukaeva_dana@mail.ru"
```

```
[9]: git clone https://github.com/danenok/studentswork
```

```

Cloning into 'studentswork'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (7/7), done.
remote: Total 9 (delta 1), reused 4 (delta 1), pack-reused 0
Unpacking objects: 100% (9/9), done.

```

```
[10]: ls
```

1	Danenok.ipynb	test4
1.jpg	Danenok.Linux-03-man.ipynb	Untitled1.ipynb
1.txt	Dolf	Untitled2.ipynb
2	Jasmin	Untitled3.ipynb
2.jpg	Jasmina.jpg	Untitled4.ipynb
3.mp3	Jasmin.docx	Untitled5.ipynb
3.txt	shared	Untitled6.ipynb
5.png	studentswork	'Untitled Folder'
BaitukayevaDana	test1	'Untitled Folder 1'
cafe	test2	Untitled.ipynb
DanaB.ipynb	test3	' 1. . . .docx'

```
[14]: cd studentwork
```

```
bash: cd: studentwork: No such file or directory
```

```
[15]: pwd
```

```
/home/jupyter-danenok/studentwork
```

```
[16]: ls
```

```
demo.png  LICENSE  README.md
```

```
[17]: mkdir danenok
```

```
[18]: ls
```

```
danenok  demo.png  LICENSE  README.md
```

```
[19]: cd danenok
```

```
[20]: pwd
```

```
/home/jupyter-danenok/studentwork/danenok
```

```
[21]: ls
```

```
[22]: ls
```

```
[23]: cp ~/ok ./
```

```
cp: cannot stat '/home/jupyter-danenok/ok': No such file or directory
```

```
[24]: ls
```

```
[25]: cp ~/ok ./
```

```
cp: cannot stat '/home/jupyter-danenok/ok': No such file or directory
```

```
[26]: cp ~/ok ./
```

```
cp: cannot stat '/home/jupyter-danenok/ok': No such file or directory
```

```
[27]: ls
```

```
[28]: pwd
```

```
/home/jupyter-danenok/studentswork/danenok
```

```
[29]: cd..
```

```
cd..: command not found
```

```
[30]: pwd
```

```
/home/jupyter-danenok/studentswork/danenok
```

```
[31]: git add .
```

```
[32]: git commit -m "Added Linux homeworks from server"
```

```
On branch master
```

```
Your branch is up to date with 'origin/master'.
```

```
nothing to commit, working tree clean
```

```
[ ]: git push origin master
```

```
[ ]:
```