

1. Link zum Repository:

https://github.com/jasperbuss/Geosoftware_Uebung_03


2. Erstellen eines neuen Repositories:

Create a new repository

A repository contains all the files for your project, including the revision history.


Owner


Repository name

 jasperbuss ▾ / GeosoftWare_Uebung_03 ✓

Great repository names are short and memorable. Need inspiration? How about [legendary-octo-goggles](#).

Description (optional)

☒  **Public**
Anyone can see this repository. You choose who can commit.

☐  **Private**
You choose who can see and commit to this repository.

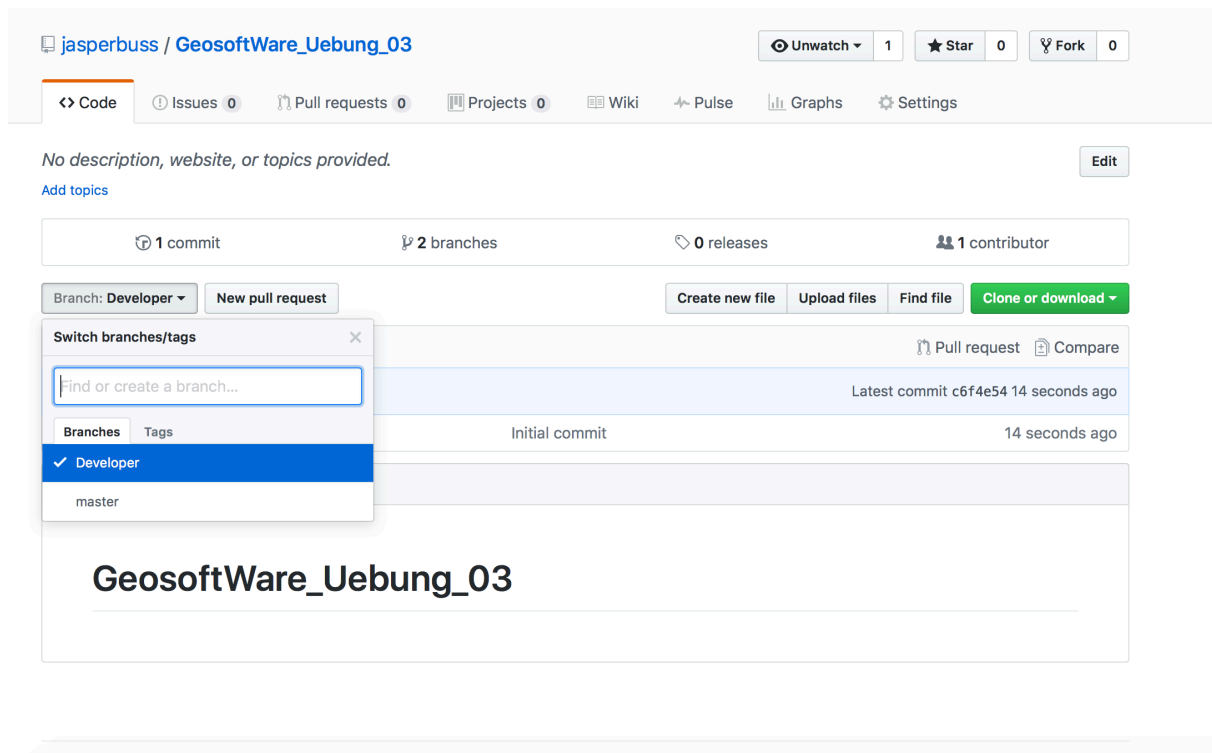
☒ **Initialize this repository with a README**
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: **None** ▾

Add a license: **None** ▾ ⓘ

Create repository

3. Erstellen vom Branch „Developer“:

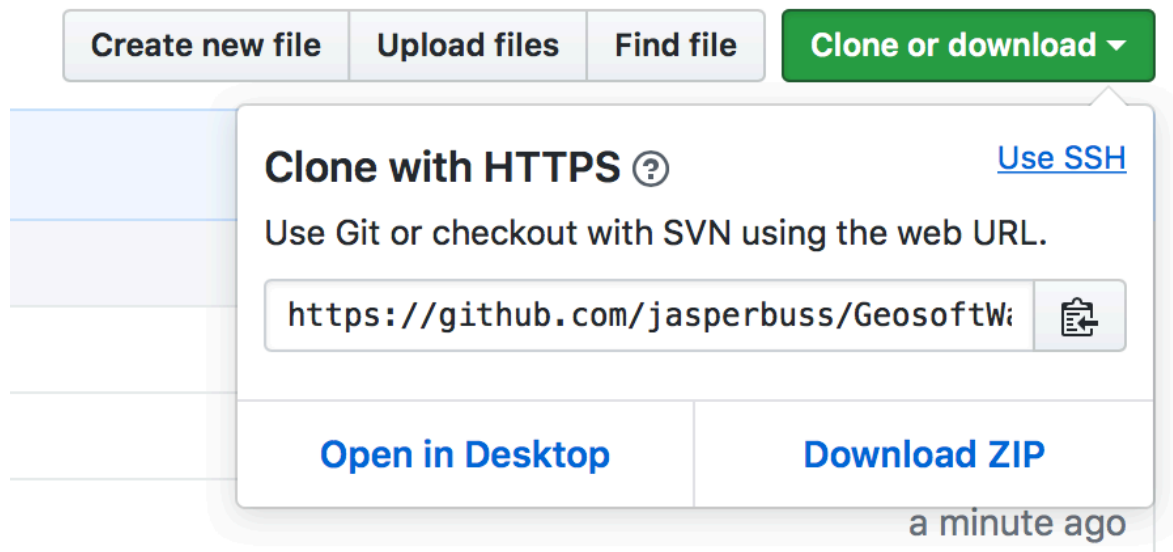


4. Neuen Ordner mittels Konsole erstellen:

```
GeosoftUebung — -bash — 80x24
Last login: Fri May 19 09:30:55 on ttys000
[Jaspers-MBP:~ Jasper$ mkdir GeosoftUebung
[Jaspers-MBP:~ Jasper$ cd GeosoftUebung
```

5. Auf den Computer clonen

Dazu „git clone“ + angegebenen Link in die Console eingeben.
Dateien werden in zuvor erstellten Ordner kopiert.



```
[Jaspers-MBP:GeosoftUebung Jasper$ git clone https://github.com/jasperbuss/GeosoftW
ware_Uebung_03.git
Cloning into 'Geosoftware_Uebung_03'...
remote: Counting objects: 3, done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
Checking connectivity... done.
Jaspers-MBP:GeosoftUebung Jasper$
```

6. Datei im Developer branch erstellen:

```
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ git branch
Developer
* master
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ git checkout Developer
Switched to branch 'Developer'
Your branch is up-to-date with 'origin/Developer'.
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ touch test.txt
Jaspers-MBP:Geosoftware_Uebung_03 Jasper$
```

7. Synchronisierung der Änderungen mit Github:

```
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ git add test.txt
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ git commit -m "Test commit for branch
Developer."
On branch Developer
Your branch is up-to-date with 'origin/Developer'.
nothing to commit, working tree clean
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ git push origin Developer
Everything up-to-date
```

8. Änderungen im Branch Developer dem Branch Master hinzufügen:

```
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ git checkout master
Switched to branch 'master'
Your branch is up-to-date with 'origin/master'.
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ git merge Developer
Already up-to-date.
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ ls
README.md          bootstrap.min.css    layout.css
berechnung.js      index.html           test.txt
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ ]
```

9. Änderungen mit Github synchronisieren:

```
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ git push origin master
Everything up-to-date
[Jaspers-MBP:Geosoftware_Uebung_03 Jasper$ ]
```