

# Github Übung von Niklas Trzaska


## 1. Repository anlegen

Link zum Repository:

### Create a new repository

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

Owner

 Trzaska ▾

Repository name

Geosoftware\_Uebung03\_01 ✓

Great repository names are short and memorable. Need inspiration? How about **sturdy-waffle**.

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

[https://github.com/Trzaska/Geosoftware\\_Uebung03\\_01](https://github.com/Trzaska/Geosoftware_Uebung03_01)

## 2. Branch erstellen

Trzaska / Geosoftware\_Uebung03\_01

Unwatch

1

Star

0

Fork

0

<> Code

Issues 0

Pull requests 0

Projects 0

Wiki

Pulse

Graphs

Settings

No description, website, or topics provided.

Edit

Add topics

1 commit

2 branches

0 releases

1 contributor

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

Switch branches/tags

Find or create a branch...

Branches

Tags

Developer

✓ master

Latest commit 4a44946 4 minutes ago

Initial commit 4 minutes ago

Geosoftware\_Uebung03\_01

### 3. Auf Computer Clonen

Ordner Erstellen und Projekt von Github rein klonen:

```
zeus@zeus-ThinkPad-W520:~$ mkdir GeosoftUebung
zeus@zeus-ThinkPad-W520:~$ cd GeosoftUebung/
zeus@zeus-ThinkPad-W520:~/GeosoftUebung$ git clone git@github.com:Trzaska/Geosoftware_Uebung03_01.git
Klone nach 'Geosoftware_Uebung03_01' ...
remote: Counting objects: 3, done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Empfange Objekte: 100% (3/3), Fertig.
Prüfe Konnektivität ... Fertig.
zeus@zeus-ThinkPad-W520:~/GeosoftUebung$ ls
Geosoftware_Uebung03_01
```



### 4. Datei im Branch „Developer“ erstellen

```
zeus@zeus-ThinkPad-W520:~/GeosoftUebung$ cd Geosoftware_Uebung03_01/
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$ git branch
* master
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$ git checkout Developer
Branch Developer konfiguriert zum Folgen von Remote-Branch Developer von origin.
Zu neuem Branch 'Developer' gewechselt
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$ touch test.txt
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$ ls
README.md  test.txt
```



## 5. Änderungen mit github synchronisieren


```
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$ git add test.txt
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$ git commit -m "Test commit for branch Developer."
[Developer 63601f7] Test commit for branch Developer.
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 test.txt
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$ git push origin Developer
Zähle Objekte: 3, Fertig.
Delta compression using up to 8 threads.
Komprimiere Objekte: 100% (2/2), Fertig.
Schreibe Objekte: 100% (3/3), 299 bytes | 0 bytes/s, Fertig.
Total 3 (delta 0), reused 0 (delta 0)
To git@github.com:Trzaska/Geosoftware_Uebung03_01.git
4a44946..63601f7 Developer -> Developer
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$
```


## 6. Änderungen auf Github kontrollieren


 **Developer** (less than a minute ago) 

Branch: **Developer** ▾ **New pull request** **Create new file** **Upload files** **Find file** **Clone or download** ▾



This branch is 1 commit ahead of master.  Pull request  Compare

 **Trzaska** Test commit for branch Developer. Latest commit 63601f7 10 minutes ago


 [README.md](#) Initial commit 22 minutes ago


 [test.txt](#) Test commit for branch Developer. 10 minutes ago

Your recently pushed branches:

 **Developer** (10 minutes ago) 

Branch: **master** ▾ **New pull request** **Create new file** **Upload files** **Find file** **Clone or download** ▾

 **Trzaska** Initial commit Latest commit 4a44946 23 minutes ago

 [README.md](#) Initial commit 23 minutes ago

## 7. Die Änderungen im Branch „Developer dem Branch „Master hinzu fügen (merge)

```
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$ git checkout master
Zu Branch 'master' gewechselt
Ihr Branch ist auf dem selben Stand wie 'origin/master'.
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$ git merge Developer
Aktualisiere 4a44946..63601f7
Fast-forward
 test.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 test.txt
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$ ls
README.md  test.txt
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$
```

## 8. Änderungen mit Github synchronisieren

```
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$ git push origin master
Total 0 (delta 0), reused 0 (delta 0)
To git@github.com:Trzaska/Geosoftware_Uebung03_01.git
 4a44946..63601f7  master -> master
zeus@zeus-ThinkPad-W520:~/GeosoftUebung/Geosoftware_Uebung03_01$
```

## 9. Ergebnis auf Github ansehen

Branch: **Developer** ▾

New pull request


Create new file

Upload files


Find file

Clone or download ▾

This branch is even with master.


 **Trzaska** Test commit for branch Developer.

Latest commit 63601f7 18 minutes ago

 [README.md](#)

Initial commit

30 minutes ago

 [test.txt](#)

Test commit for branch Developer.

18 minutes ago

Branch: **master** ▾


New pull request

Create new file


Upload files

Find file

Clone or download ▾


 **Trzaska** Test commit for branch Developer.

Latest commit 63601f7 19 minutes ago

 [README.md](#)

Initial commit

31 minutes ago

 [test.txt](#)

Test commit for branch Developer.

19 minutes ago