

Aufgabe 1

<https://github.com/WoofyMcSniff/Geosoftware1>

Von mir wurde ein GitHub Account angelegt und das Repository ‚Geosoftware1‘ angelegt.

The screenshot shows the GitHub repository page for 'WoofyMcSniff / Geosoftware1'. The repository is empty, with no description, website, or topics provided. It has 3 commits, 2 branches, 0 releases, and 1 contributor. The 'master' branch is selected. There are buttons for 'Create new file', 'Upload files', 'Find file', and 'Clone or download'. A commit by 'WoofyMcSniff Eingabe' is listed, dated 'Latest commit c875248 12 minutes ago'. A 'README.md' file is also listed, dated 'an hour ago'.

In diesem neuen Repository habe ich dann die neue Branch ‚Develop‘ angelegt.

The screenshot shows the GitHub repository page for 'WoofyMcSniff / Geosoftware1', now showing the 'Develop' branch. The 'master' branch is still the default branch. The 'Develop' branch is listed under 'Your branches' and 'Active branches', updated an hour ago by 'WoofyMcSniff'. It has 2 commits and 0 pull requests. There are buttons for 'New pull request' and a trash icon.

Übung Nr. 3

Malte Tiemann 420538

Mittwoch, 24.05.2017

Nach der Installation von Git Bash habe ich einen Workspace ausgewählt und das Repository auf lokal auf den PC geklont.

```
MINGW64:/d/Uni/GeoInfo/Geosoftware1

Mutzel@Mutzel-PC MINGW64 ~
$ cd d:\uni\geoinfo
bash: cd: d:unigeoinfo: No such file or directory

Mutzel@Mutzel-PC MINGW64 ~
$ d:\uni\geoinfo
bash: d:unigeoinfo: command not found

Mutzel@Mutzel-PC MINGW64 ~
$ cd d:\Uni\GeoInfo
bash: cd: d:UniGeoInfo: No such file or directory

Mutzel@Mutzel-PC MINGW64 ~
$ cd d:\\Uni\\GeoInfo

Mutzel@Mutzel-PC MINGW64 /d/Uni/GeoInfo
$ git clone https://github.com/WoofyMcSniff/Geosoftware1/tree/Develop
Cloning into 'Develop'...
remote: Not Found
fatal: repository 'https://github.com/WoofyMcSniff/Geosoftware1/tree/Develop/' not found

Mutzel@Mutzel-PC MINGW64 /d/Uni/GeoInfo
$ git clone https://github.com/WoofyMcSniff/Geosoftware1/tree/Develop
Cloning into 'Develop'...
remote: Not Found
fatal: repository 'https://github.com/WoofyMcSniff/Geosoftware1/tree/Develop/' not found

Mutzel@Mutzel-PC MINGW64 /d/Uni/GeoInfo
$ git clone https://github.com/WoofyMcSniff/Geosoftware1.git
Cloning into 'Geosoftware1'...
remote: Counting objects: 3, done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
```

Nachdem ich lokal eine Test Datei erstellt habe, pushe ich diese nun in mein Online Repository.

```
MINGW64:/d/Uni/GeoInfo/Geosoftware1

Mutzel@Mutzel-PC MINGW64 /d/Uni/GeoInfo/Geosoftware1 (master)
$ git commit -a -m "kommentar hier"

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.
fatal: unable to auto-detect email address (got 'Mutzel@Mutzel-PC.(none)')

Mutzel@Mutzel-PC MINGW64 /d/Uni/GeoInfo/Geosoftware1 (master)
$ git config --global user.email "malte.tiemann90@web.de"

Mutzel@Mutzel-PC MINGW64 /d/Uni/GeoInfo/Geosoftware1 (master)
$ git config --global user.Name "Malte Tiemann"

Mutzel@Mutzel-PC MINGW64 /d/Uni/GeoInfo/Geosoftware1 (master)
$ git commit -a -m "kommentar hier"
[master ef8a54e] kommentar hier
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 Test.txt
```

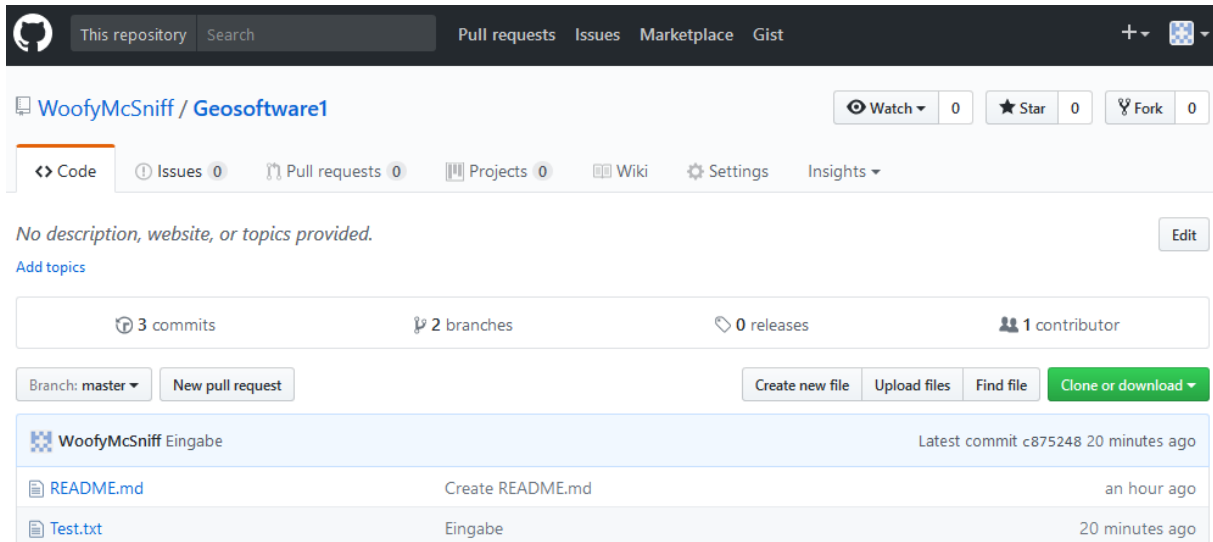
Übung Nr. 3

Mittwoch, 24.05.2017

Malte Tiemann 420538

Um lokalen Zugriff auf mein Online Repository zu erlangen muss ich nochmals Username und Passwort angeben. (leider kein Screenshot vorhanden)

Der Push der Test Datei hat funktioniert und diese befindet sich nun auch in meinem Online Repository.



Mit diesem Befehl wechsele ich in den ‚Develop‘ Branch.

```
MINGW64:/d/Uni/GeoInfo/Geosoftware1

Mutzel@Mutzel-PC MINGW64 /d/Uni/GeoInfo/Geosoftware1 (master)
$ git checkout Develop
Switched to a new branch 'Develop'
Branch Develop set up to track remote branch Develop from origin.
```

Hier ändere ich lokal die Datei und füge einen Text hinzu. Und committe diese wieder.

```
MINGW64:/d/Uni/GeoInfo/Geosoftware1

Mutzel@Mutzel-PC MINGW64 /d/Uni/GeoInfo/Geosoftware1 (Develop)
$ git commit -a -m
On branch Develop
Your branch is up-to-date with 'origin/Develop'.
nothing to commit, working tree clean
```

Nun wechsele ich die Branch wieder von ‚Develop‘ zu ‚master‘.

```
MINGW64:/d/Uni/GeoInfo/Geosoftware1 (Develop)

Mutzel@Mutzel-PC MINGW64 /d/Uni/GeoInfo/Geosoftware1 (Develop)
$ git checkout master
Switched to branch 'master'
Your branch is up-to-date with 'origin/master'.
```

Übung Nr. 3

Mittwoch, 24.05.2017

Malte Tiemann 420538

Nun werden die beiden Branches ,master ,und ,Develop' gemerged und noch einmal gepusht um die Änderungen auch Online sehen zu können.

```
Mutzel@Mutzel-PC MINGW64 /d/Uni/GeoInfo/Geosoftware1 (master)
$ git push
Counting objects: 3, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 294 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/WoofyMcSniff/Geosoftware1.git
ef8a54e..c875248 master -> master
```

Nun kann man auch im Repository sehen, dass der eingefügte Text aus der ,Develop' Branch nun auch in der Branch ,master vorhanden ist.

The screenshot shows the GitHub interface for the repository 'WoofyMcSniff / Geosoftware1'. At the top, there's a navigation bar with links for 'This repository', 'Search', 'Pull requests', 'Issues', 'Marketplace', and 'Gist'. Below this, the repository name is displayed along with 'Watch', 'Star', and 'Fork' buttons. A secondary navigation bar includes 'Code', 'Issues', 'Pull requests', 'Projects', 'Wiki', 'Settings', and 'Insights'. The main content area shows the file 'Test.txt' selected from the 'master' branch. It lists the commit 'WoofyMcSniff Eingabe' with the hash 'c875248' and a timestamp of '29 minutes ago'. Below the commit information, it states '1 contributor'. The file content is shown as '1 lines (1 sloc) | 18 Bytes'. At the bottom, the file content is displayed as '1 Eingabe nicht leer'. Action buttons for 'Raw', 'Blame', 'History', and file management icons are visible on the right side of the file content area.