

## Github

### Commit and push

credential helper

```
git config --global credential.helper wincred
```

Navigate to folder with git cmd

```
git init
```

Add the files in your new local repository. This stages them for the first commit.

```
git add .
```

Commit the files that you've staged in your local repository.

```
git commit -m "first commit"
```

At the top of your GitHub repository's Quick Setup page, click to copy the remote repository URL. In the Command prompt, add the URL for the remote repository where your local repository will be pushed.

```
git remote add origin remote_repos_url
```

Push the changes in your local repository to GitHub.

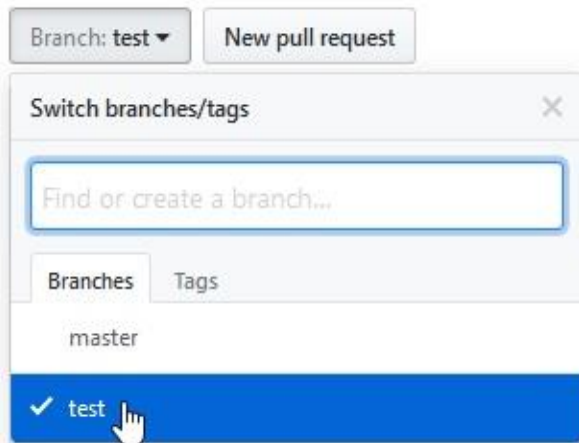
```
git push origin master
```

```
C:\Users\espen\virtualEnvs\web2>git add .
C:\Users\espen\virtualEnvs\web2>git commit -m "pushed to digital ocean"
[master 0b44c86] pushed to digital ocean
 2 files changed, 2 insertions(+), 3 deletions(-)
C:\Users\espen\virtualEnvs\web2>git push origin master
fatal: HttpRequestException encountered.
An error occurred while sending the request.
Counting objects: 7, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (6/6), done.
Writing objects: 100% (7/7), 570 bytes | 570.00 KiB/s, done.
Total 7 (delta 5), reused 0 (delta 0)
remote: Resolving deltas: 100% (5/5), completed with 5 local objects.
To https://github.com/spawnmarvel/testit.tech2.git
 cc9857d..0b44c86  master -> master
C:\Users\espen\virtualEnvs\web2>
```

Conflict with commit to origin master?, do a pull before commit.

```
git pull origin master
```

## Branch



Create a branch "test"

```
git add .
```

```
git commit -m "my commit"
```

```
git push origin HEAD:test
```

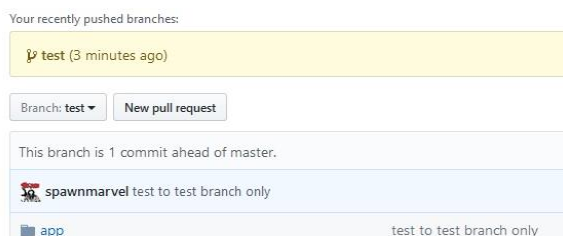
```
C:\Users\espen\virtualEnvs\web>git add .
warning: LF will be replaced by CRLF in app/templates/github.html.
The file will have its original line endings in your working directory.

C:\Users\espen\virtualEnvs\web>git commit -m "test to test branch only"
[master 12bce4f] test to test branch only
1 file changed, 4 insertions(+), 1 deletion(-)

C:\Users\espen\virtualEnvs\web>git push origin HEAD:test
Counting objects: 5, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 520 bytes | 520.00 KiB/s, done.
Total 5 (delta 4), reused 0 (delta 0)
remote: Resolving deltas: 100% (4/4), completed with 4 local objects.
To https://github.com/spawnmarvel/TSK_testit.tech.git
 c37ec52..12bce4f HEAD -> test

C:\Users\espen\virtualEnvs\web>
```

## Result:



## Merge

*git checkout master*

*git merge --no-f test*

*git push origin master*

(or switch the other way around test, master, test)

```
Git CMD
C:\Users\espen\virtualEnvs\web>git commit -m "test4"
[test 6f3a359] test4
 1 file changed, 6 insertions(+), 1 deletion(-)

C:\Users\espen\virtualEnvs\web>git push origin test
Counting objects: 5, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 538 bytes | 538.00 KiB/s, done.
Total 5 (delta 4), reused 0 (delta 0)
remote: Resolving deltas: 100% (4/4), completed with 4 local objects.
To https://github.com/spawnmarvel/TSK_testit.tech.git
 f35bf58..6f3a359 test -> test

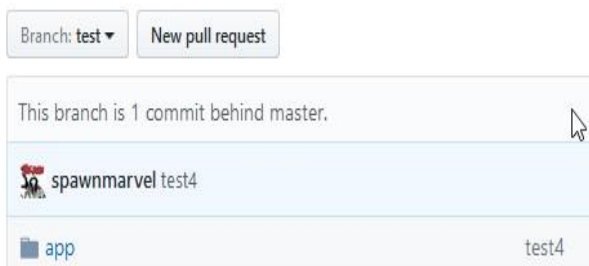
C:\Users\espen\virtualEnvs\web>git checkout master
Switched to branch 'master'

C:\Users\espen\virtualEnvs\web>git merge --no-f test
Merge made by the 'recursive' strategy.
 app/templates/github.html | 7 ++++++-
 1 file changed, 6 insertions(+), 1 deletion(-)

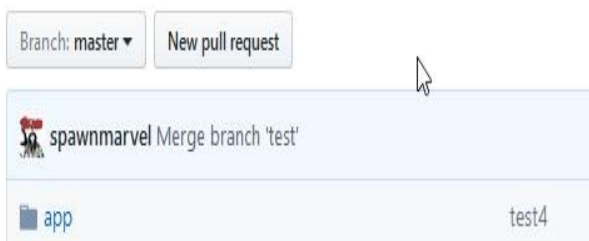
C:\Users\espen\virtualEnvs\web>git push origin master
Counting objects: 1, done.
Writing objects: 100% (1/1), 225 bytes | 225.00 KiB/s, done.
Total 1 (delta 0), reused 0 (delta 0)
To https://github.com/spawnmarvel/TSK_testit.tech.git
 2b72019..dce80e9 master -> master

C:\Users\espen\virtualEnvs\web>
```

### Branch test



### Branch master



Check current branch

```
C:\Users\espen\virtualEnvs\web>git branch
master
* test

C:\Users\espen\virtualEnvs\web>git checkout test
Already on 'test'
Your branch is up-to-date with 'origin/test'.

C:\Users\espen\virtualEnvs\web>git branch
master
* test

C:\Users\espen\virtualEnvs\web>git checkout master
Switched to branch 'master'

C:\Users\espen\virtualEnvs\web>git branch
* master
test

C:\Users\espen\virtualEnvs\web>
```