

Git in 15 Schritten.

Fragen an John

1. Master auf neuesten Stand bringen

```
John-Witulskis-MacBook-Pro:pysnes johnwitulski$ git pull
```

Already up-to-date.

2. Ansehen auf welchem branch man ist

```
John-Witulskis-MacBook-Pro:pysnes johnwitulski$ git branch
```

```
* master
```

3. Branch wechseln

```
John-Witulskis-MacBook-Pro:pysnes johnwitulski$ git checkout witulski
```

Branch witulski set up to track remote branch witulski from origin.

Switched to a new branch 'witulski'

4. Ansehen auf welchem branch man ist

```
John-Witulskis-MacBook-Pro:pysnes johnwitulski$ git branch
```

```
master
```

```
* witulski
```

5. Eigenen Branch auf den neuesten Stand bringen

```
John-Witulskis-MacBook-Pro:pysnes johnwitulski$ git rebase master
```

First, rewinding head to replay your work on top of it...

Fast-forwarded witulski to master.

6. Das eigene Ticket lösen und TicketName in die Commitnachricht

```
John-Witulskis-MacBook-Pro:pysnes johnwitulski$ git commit -a
```

[witulski 061074b] Add PySNES args (start and end of ROM dump)

1 file changed, 11 insertions(+), 2 deletions(-)

7. In eignen branch pushen: git push origin XXX

```
John-Witulskis-MacBook-Pro:pysnes johnwitulski$ git push origin witulski
```

Counting objects: 5, done.

Delta compression using up to 2 threads.

Compressing objects: 100% (4/4), done.

Writing objects: 100% (5/5), 672 bytes | 0 bytes/s, done.

Total 5 (delta 2), reused 0 (delta 0)

remote: Resolving deltas: 100% (2/2), completed with 2 local objects.

To https://github.com/JonnyWalker/PySNES.git

36fb24f..061074b witulski -> witulski

8. Im Browser auf pull request klicken und 'new pull request'

JonnyWalker / PySNES

Unwatch 4 Star 1 Fork 0

Code Issues 32 Pull requests 0 Projects 0 Wiki Insights Settings

Label issues and pull requests for new contributors [Dismiss](#)

Now, GitHub will help potential first-time contributors discover issues labeled with **help wanted** or **good first issue**

Filters is:pr is:open Labels Milestones [New pull request](#)

9. Im drop down base master compare dein branch (im Beispiel witulski). Dann create pull request

The screenshot shows the GitHub repository for JonnyWalker / PySNES. The top navigation bar includes links for Code, Issues (32), Pull requests (0), Projects (0), Wiki, Insights, and Settings. The main heading is "Comparing changes". Below it, a message states: "Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#)." The comparison is set between "base: master" and "compare: witulski", with a green checkmark indicating "Able to merge. These branches can be automatically merged." A green button labeled "Create pull request" is visible, with a subtext: "Discuss and review the changes in this comparison with others." Below this, statistics show "1 commit", "1 file changed", "0 commit comments", and "1 contributor". A commit by JonnyWalker is shown: "Add PySNES args (start and end of ROM dump)" with hash 061074b. The diff view shows changes in "venv/pysnes/pysNES.py" with 11 additions and 2 deletions. The code snippet shows imports for Disassembler and sys.

10. Unter reviewer jemand wählen der heute Zeit hat. Bei approve wird merge grün und klicken, ansonsten lokal ändern und commiten nochmal auf reviwer warten

The screenshot shows the GitHub pull request page for "Add PySNES args (start and end of ROM dump) #33". The pull request is created by JonnyWalker and targets the master branch from the witulski branch. The status bar shows "Open", "Conversation 0", "Commits 1", "Checks 0", "Files changed 1", and a diff summary of "+11 -2". A comment by JonnyWalker is shown: "No description provided." Below the comment, it says "JonnyWalker requested a review from Florian-Dt just now". On the right side, the "Reviewers" section shows Florian-Dt, with a note: "At least 1 approving review is required to merge this pull request." The "Assignees" section is empty. The "Labels" section is empty. The "Projects" section is empty. The "Milestone" section is empty. The "Notifications" section is empty. At the bottom, a red box indicates "Review required" and "Merging is blocked". It states: "At least 1 approving review is required by reviewers with write access. [Learn more](#)." and "Merging can be performed automatically with 1 approving review." A button labeled "Merge pull request" is visible, with a subtext: "You can also [open this in GitHub Desktop](#) or [view command line instructions](#)."

11. Danach wieder auf Rechner auf master wechseln, neue pullen, auf eigenen branch wechseln und rebasen (Schritt 1 bis 5)

Ziele: Änderungen Tickets zuordnen, Wissen an reviewer weiter geben und fehlerhaften Code vermeiden