

GitHub

Alexander von Trostorff

Source Control

Vermeidet Chaos (Sticks und Dateien)

Mehr Leute an einem Programm

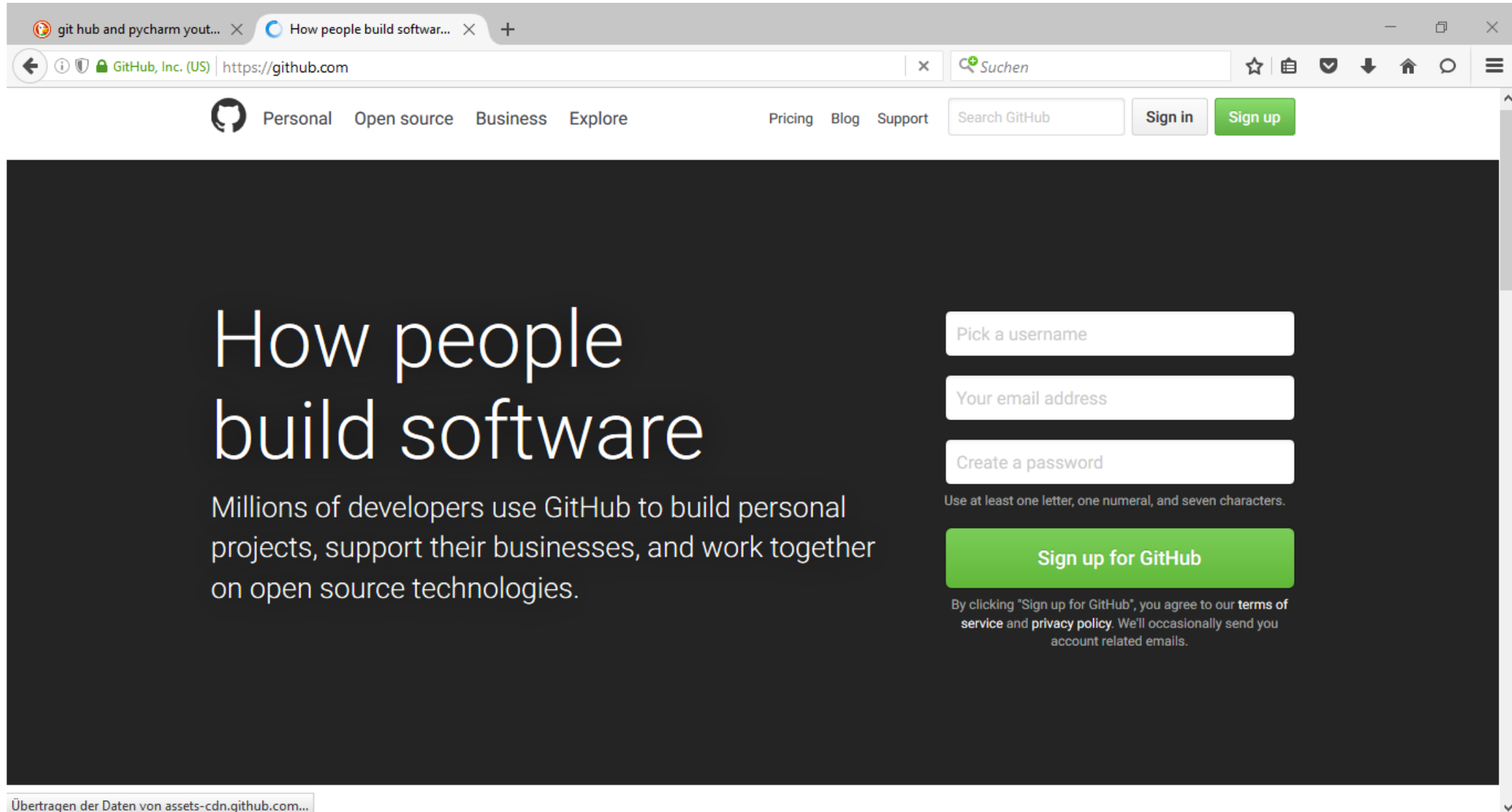
Gleichzeitig arbeiten

Über weite Entfernungen zusammen arbeiten

→ Den Code über das Internet verwalten

How to get started?

+herunterladen



The screenshot shows the GitHub homepage in a web browser. The browser's address bar displays 'https://github.com'. The page features a dark background with the text 'How people build software' in large white letters. Below this, it states 'Millions of developers use GitHub to build personal projects, support their businesses, and work together on open source technologies.' On the right side, there is a sign-up form with three input fields: 'Pick a username', 'Your email address', and 'Create a password'. Below the password field, a note says 'Use at least one letter, one numeral, and seven characters.' A green 'Sign up for GitHub' button is positioned below the form. At the bottom of the sign-up section, a disclaimer reads: 'By clicking "Sign up for GitHub", you agree to our terms of service and privacy policy. We'll occasionally send you account related emails.'

git hub and pycharm yout... × How people build softwar... × +

GitHub, Inc. (US) | https://github.com

Suchen

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How people build software

Millions of developers use GitHub to build personal projects, support their businesses, and work together on open source technologies.

Pick a username

Your email address

Create a password

Use at least one letter, one numeral, and seven characters.

Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our **terms of service** and **privacy policy**. We'll occasionally send you account related emails.

Übertragen der Daten von assets-cdn.github.com...

Repository

[↔ Code](#)[🔔 Issues 21](#)[🔗 Pull requests 0](#)[📖 Wiki](#)[📈 Pulse](#)[📊 Graphs](#)

No description or website provided.

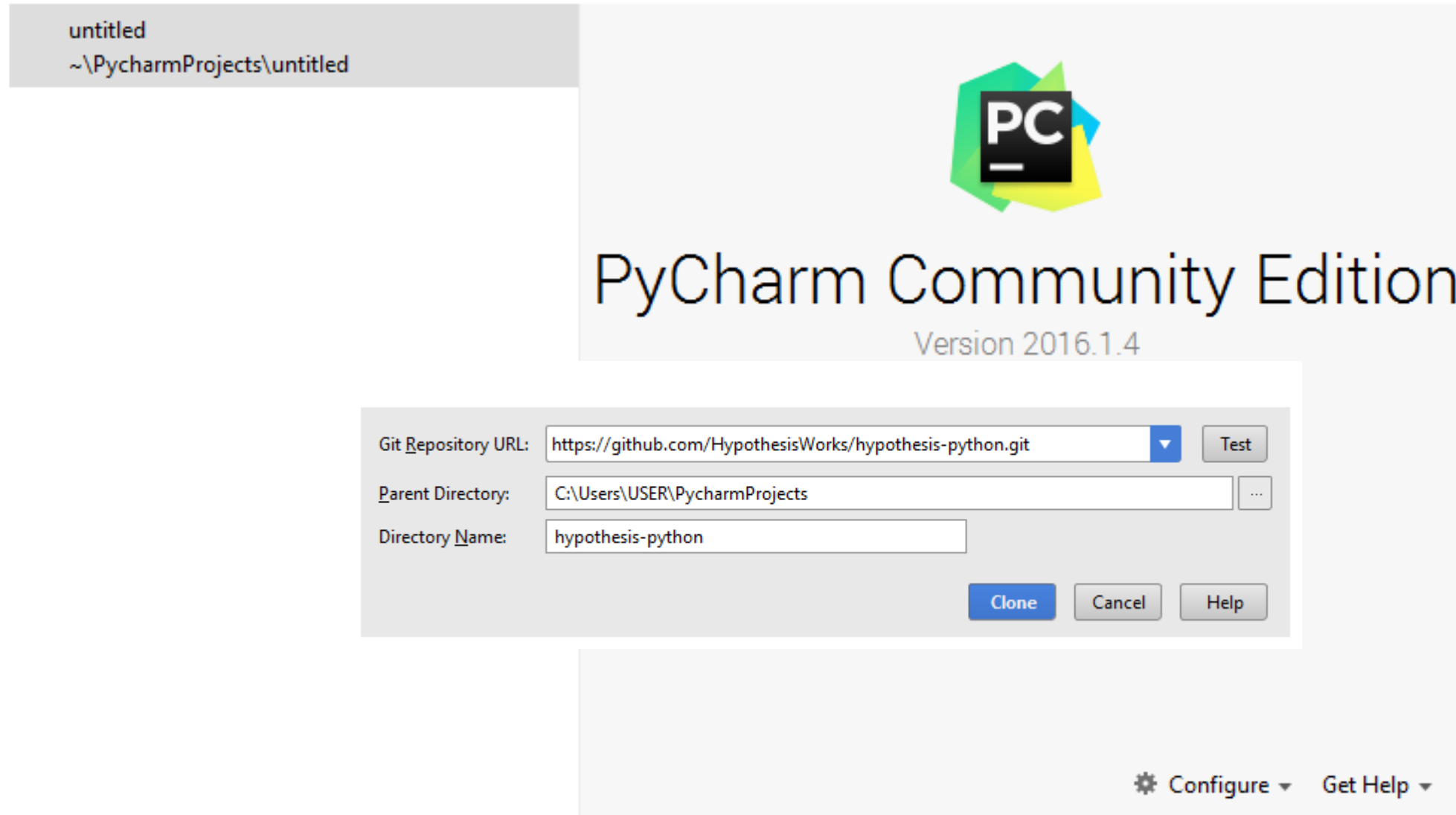
[📦 17 commits](#)[🌿 2 branches](#)[📦 0 releases](#)[👤 3 contributors](#)[Branch: master ↕](#)[New pull request](#)[Create new file](#)[Upload files](#)[Find file](#)[Clone or download ↕](#)[CybiDuck: Smaller Images are now resized too \(Bugfix\)](#)[Latest commit 87a3cfc 7 days ago](#)[.idea](#)[WhatsApp added](#)[8 days ago](#)[app](#)[Smaller Images are now resized too \(Bugfix\)](#)[7 days ago](#)[gradle/wrapper](#)[Added empty project](#)[a month ago](#)[.gitignore](#)[Added empty project](#)[a month ago](#)[README.md](#)[Create README.md](#)[8 days ago](#)[build.gradle](#)[Son bissl Zeugs reingehauen](#)[27 days ago](#)[gradle.properties](#)[Added empty project](#)[a month ago](#)[gradlew](#)[Added empty project](#)[a month ago](#)[gradlew.bat](#)[Added empty project](#)[a month ago](#)[settings.gradle](#)[Added empty project](#)[a month ago](#)[README.md](#)

git clone + repository

How to Clone?



Get the project



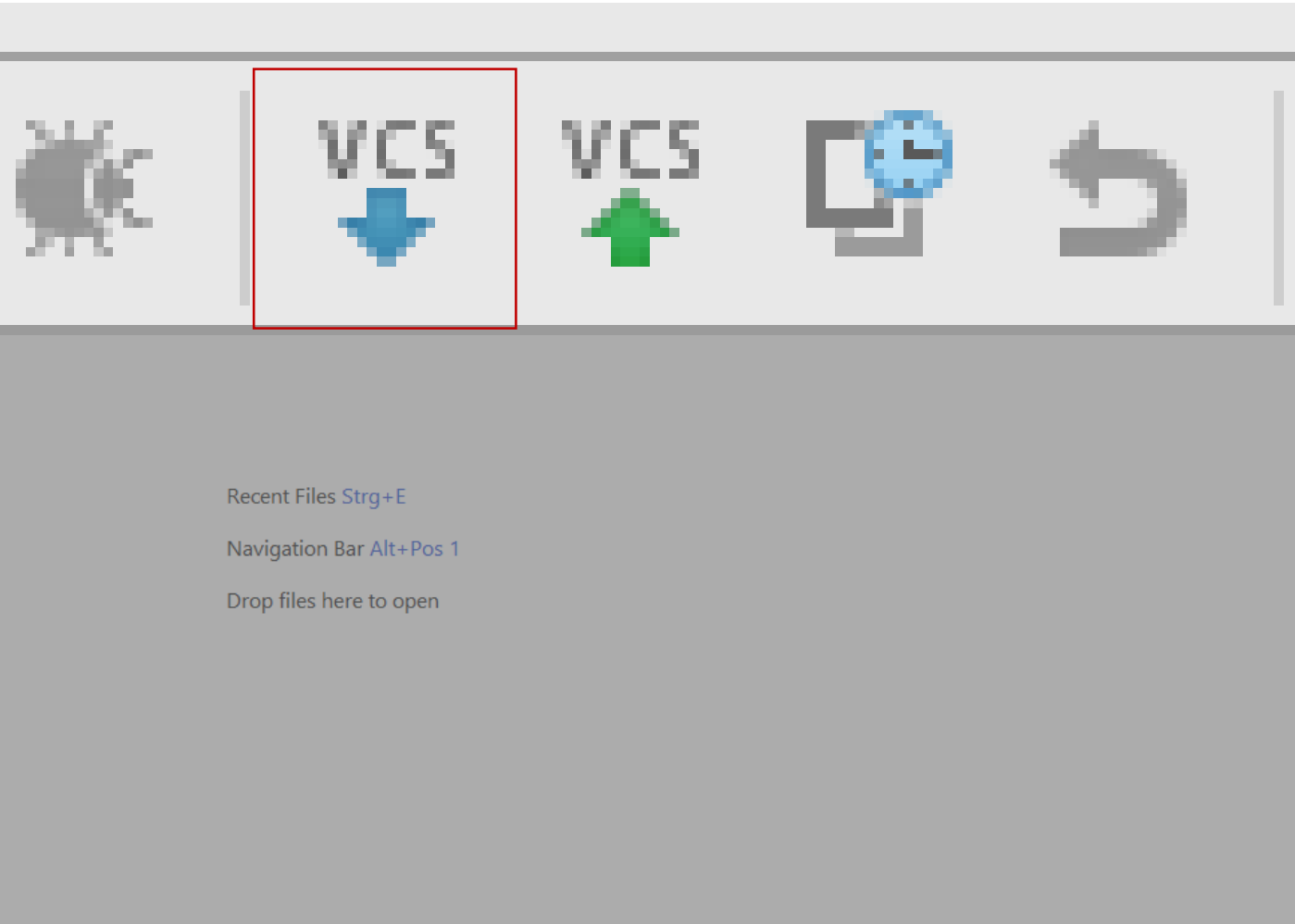
git pull

How to Pull?



Get the newest changes

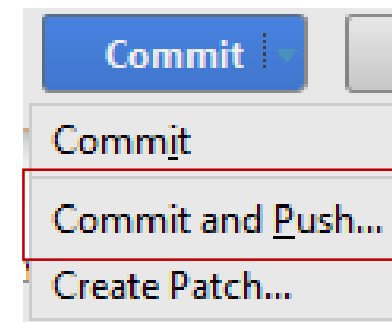
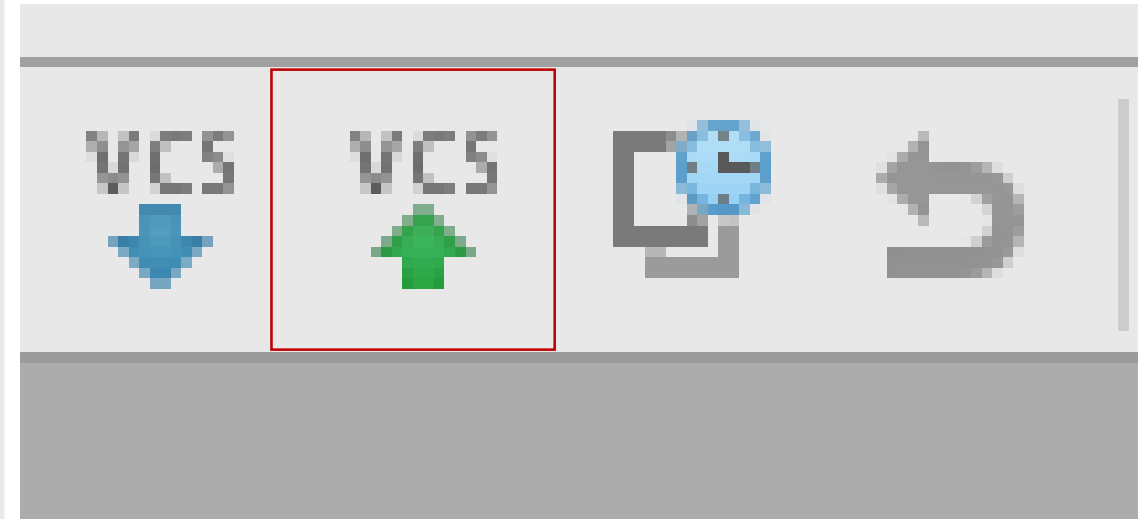
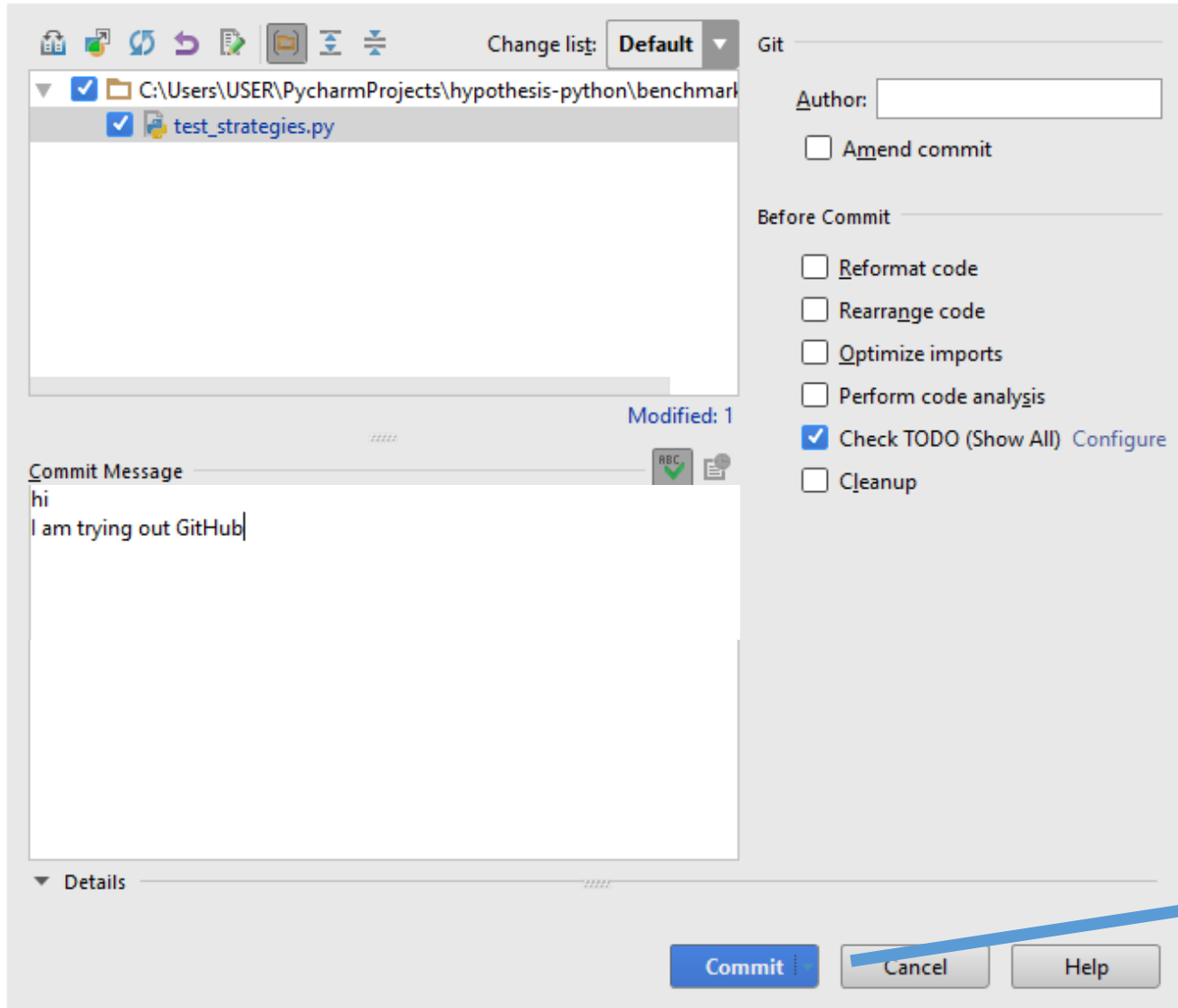
hypothesis-python - [C:\Users\USER\PycharmProjects\hypothesis-pyt
File Edit View Navigate Code Refactor Run Tools VCS Winc
hypothesis-python >
Project
hypothesis-python C:\Users\USER\PycharmProjects\h
External Libraries



How to commit changes?

Notify changes

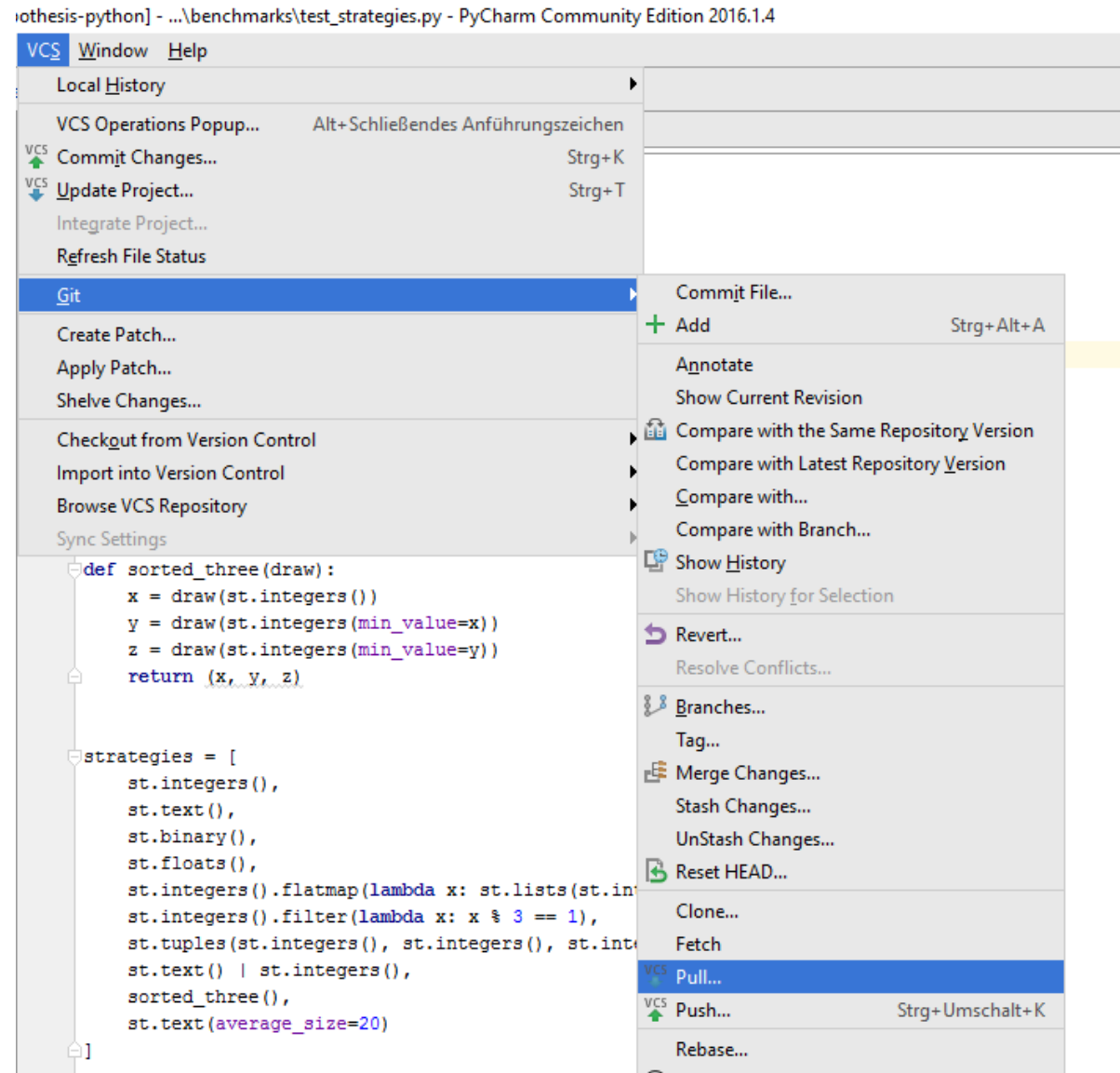
```
git status  
git add -a  
git commit
```



git push

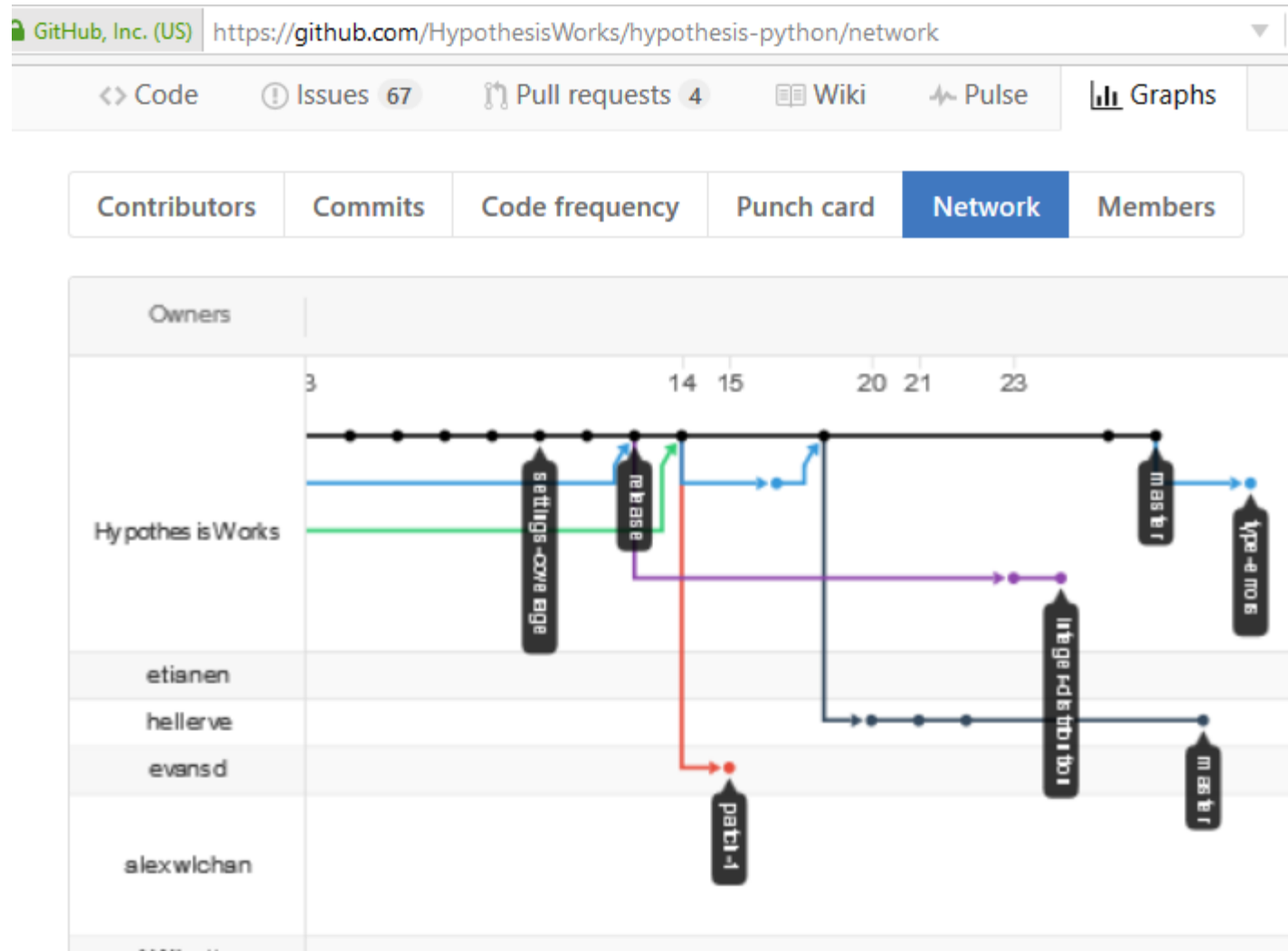
How to Push?

Upload changes



Vor dem Pushen
Pullen

Branches



Key words:

- Branch
- fork
- merging
- pull
- pull request
- master

Creating a new Branch

The screenshot illustrates the steps to create a new branch in a version control system (VCS) within an IDE. The 'Git' menu is open, showing various options. The 'Branches...' option is highlighted, which opens the 'Git Branches' panel on the right. In this panel, the 'New Branch' button is highlighted with a blue arrow, indicating the next step in the process.

VCS Menu:

- VCS Operations Popup... (Alt+Schließendes Anführungszeichen)
- Commit Changes... (Strg+K)
- Update Project... (Strg+T)
- Integrate Project...
- Refresh File Status
- Git**
- Create Patch...
- Apply Patch...
- Shelve Changes...
- Checkout from Version Control
- Import into Version Control
- Browse VCS Repository
- Sync Settings

Git Sub-menu:

- Commit File...
- + Add (Strg+Alt+A)
- Annotate
- Show Current Revision
- Compare with the Same Repository Version
- Compare with Latest Repository Version
- Compare with...
- Compare with Branch...
- Show History
- Show History for Selection
- Revert...
- Resolve Conflicts...
- Branches...**
- Tag...

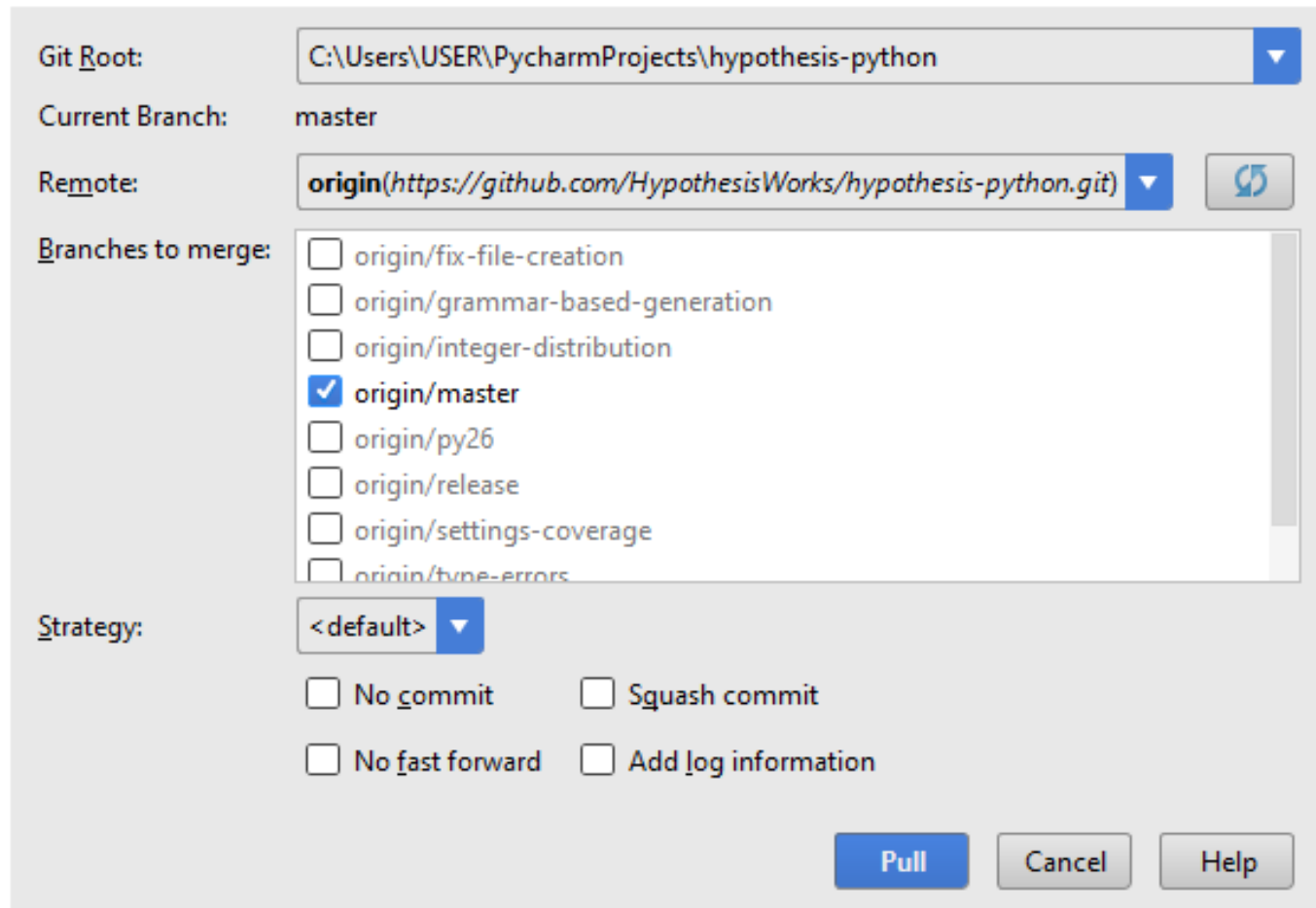
Git Branches Panel:

- + New Branch**
- Checkout Tag or Revision...
- Remote Branches**
- origin/fix-file-creation
- origin/grammar-based-generation
- origin/integer-distribution
- origin/master
- origin/py26
- origin/release
- origin/settings-coverage
- origin/type-errors
- origin/windowsbuildsupport
- Current branch: master

Code Editor:

```
@st.composite
def sorted_three(draw):
    x = draw(st.integers())
    y = draw(st.integers(min_value=x))
    z = draw(st.integers(min_value=y))
    return (x, y, z)
```

Pull from a specific branch



Git Root: C:\Users\USER\PycharmProjects\hypothesis-python

Current Branch: master

Remote: origin(<https://github.com/HypothesisWorks/hypothesis-python.git>)

Branches to merge:

- ☐ origin/fix-file-creation
- ☐ origin/grammar-based-generation
- ☐ origin/integer-distribution
- ☒ origin/master
- ☐ origin/py26
- ☐ origin/release
- ☐ origin/settings-coverage
- ☐ origin/type-errors

Strategy: <default>

☐ No commit ☐ Squash commit

☐ No fast forward ☐ Add log information

Pull Cancel Help

Issues

The screenshot shows a web browser window with the GitHub interface. The address bar displays the URL `https://github.com/LessingGymnasiumKoeln/ElitefoerderungInformatik/issues/5`. The page title is "SEND_SCREEN - mehr Mö...".

The issue timeline shows the following updates:

- dominikkavulek** unassigned **allenk99**, **schmitzi78**, and **eldavidos** 7 days ago
- dominikkavulek** closed this 7 days ago
- dominikkavulek** removed the **testing** label 7 days ago

The right sidebar contains the following information:

- enhancement** (blue label)
- Milestone**: Beta Milestone (progress bar)
- Assignees**: axel1200
- 5 participants** (avatars)
- Notifications**: Unsubscribe button. Text: "You're receiving notifications because you modified the open/close state."
- Lock conversation** (lock icon)

The comment box at the bottom has a "Write" tab selected. It includes a rich text editor with a toolbar (bold, italic, quote, code, link, list, etc.) and a text area with the placeholder "Leave a comment". Below the text area is a dashed line indicating where to attach files. At the bottom of the comment box are the buttons "Reopen issue" and "Comment".

The footer of the page includes the copyright notice "© 2016 GitHub, Inc." and links for Terms, Privacy, Security, Status, Help, Contact GitHub, API, Training, Shop, Blog, and About.

Fragen ?

Slides

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Pycharm