

Quantlet Submission Guide for Members

([GitHub.com/Quantlet](https://github.com/Quantlet))



IRTG 1792 High Dimensional Nonstationary
Time Series
Humboldt-Universität zu Berlin
hu.berlin/irtg1792

Outline

- ▣ Member in GitHub Quantlet organization
- ▣ Submission options:
 1. Submission to existing repository
 2. Fork repository from your account to Quantlet
 3. Create a new repository



Member in GitHub Quantlet organization

- ▣ Check if you are member in the Quantlet organization (login to GitHub first): <https://github.com/orgs/QuantLet/people>
- ▣ If you are not, the owner (Prof. Härdle) or the Quantlet team (quantlet.wiwi@hu-berlin.de) can invite you.



1. Submission to existing repository

There are 2 ways to submit to existing repositories:

- ▣ Directly:

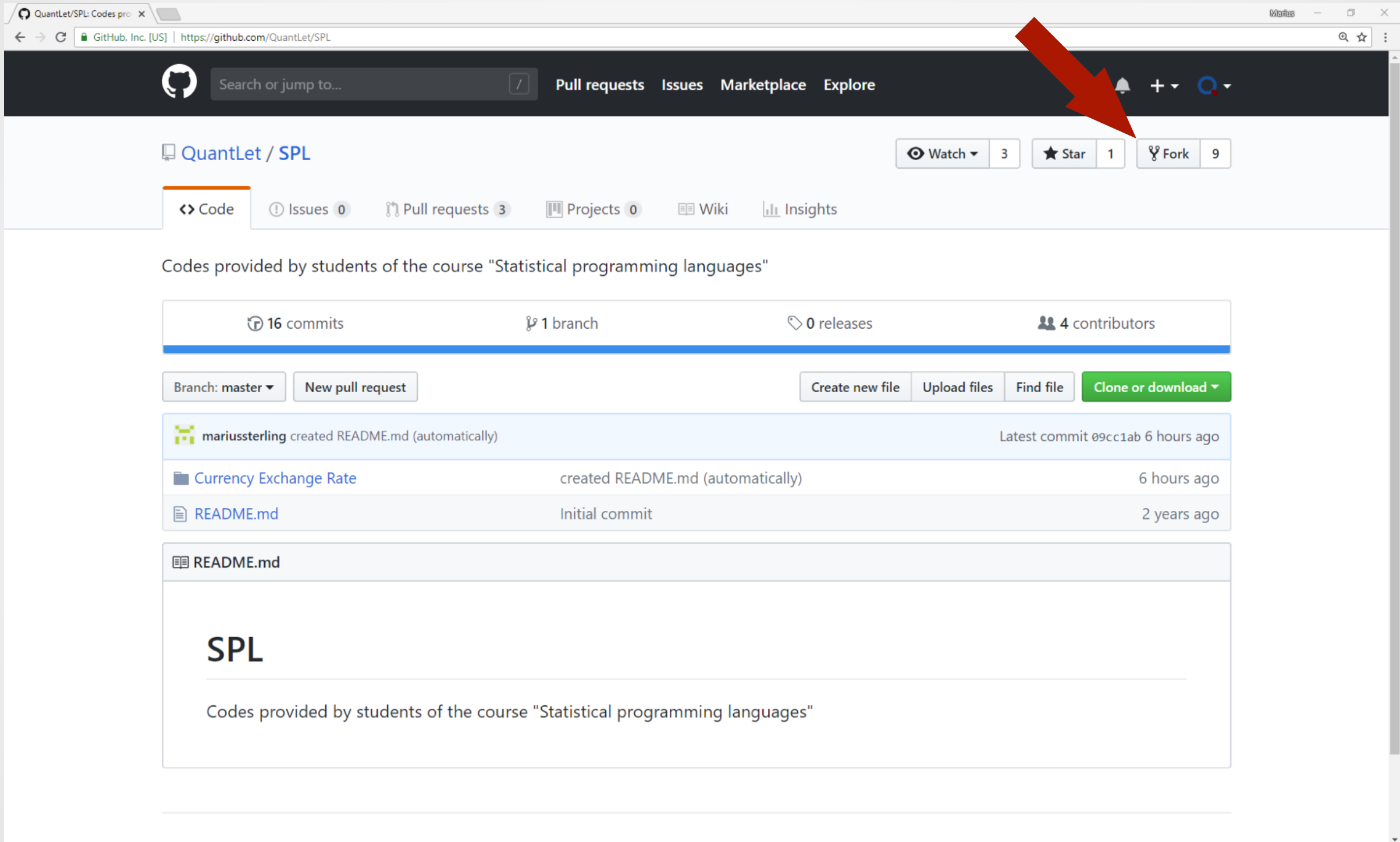
- ▶ You need write privileges (by default only the repository admin has such privileges),
- ▶ the repository admin can grant write privileges,
- ▶ alter the repository as if it was your own.

- ▣ Via pull request:

- ▶ Step 1: Fork the repository,
- ▶ Step 2: Commit changes,
- ▶ Step 3: Create a pull request,
- ▶ the steps will be explained in the following pages.



Step 1: Fork repository



The screenshot shows the GitHub repository page for `QuantLet/SPL`. The repository is described as "Codes provided by students of the course 'Statistical programming languages'". It has 16 commits, 1 branch, 0 releases, and 4 contributors. The repository is currently on the `master` branch. A red arrow points to the `Fork` button in the top right corner of the repository page.

QuantLet / SPL

Watch 3 Star 1 Fork 9

Code Issues 0 Pull requests 3 Projects 0 Wiki Insights

Codes provided by students of the course "Statistical programming languages"

16 commits 1 branch 0 releases 4 contributors

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

mariussterling created README.md (automatically) Latest commit 09cc1ab 6 hours ago

Currency Exchange Rate created README.md (automatically) 6 hours ago

README.md Initial commit 2 years ago

README.md

SPL

Codes provided by students of the course "Statistical programming languages"

Fork repository



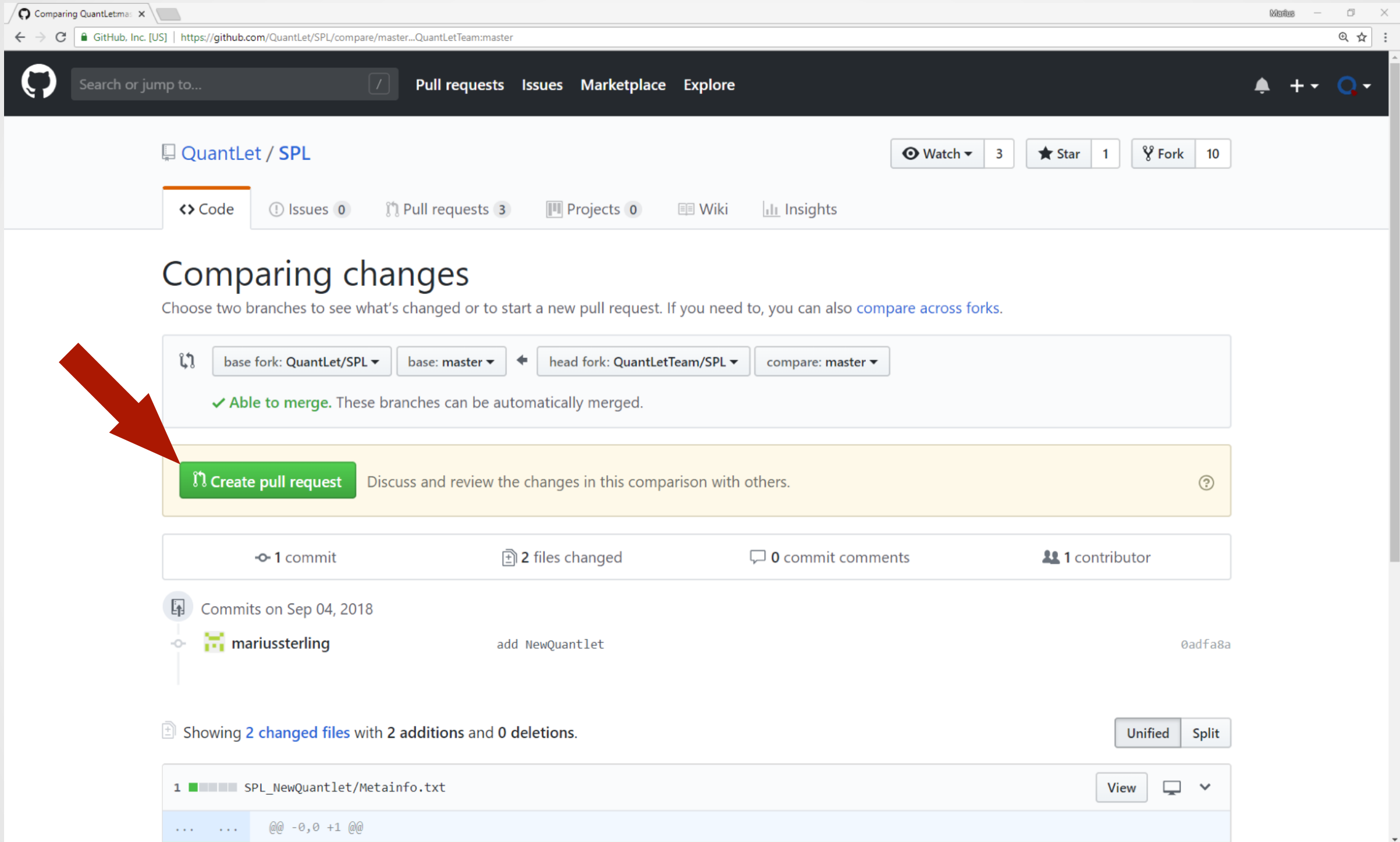
Step 2: Commit changes

The screenshot shows the GitHub interface for the repository **QuantLetTeam / SPL**, which is a fork of **QuantLet/SPL**. The repository has 17 commits, 1 branch, 0 releases, and 4 contributors. The current branch is **master**, which is 1 commit ahead of the upstream **QuantLet:master**. A red arrow points to the **New pull request** button. Below the branch information, a list of commits is shown, including the latest commit by **mariussterling** (add NewQuantlet) and previous commits for **Currency Exchange Rate**, **SPL_NewQuantlet**, and **README.md**. The **README.md** file is selected, showing the title **SPL** and the description **Codes provided by students of the course "Statistical programming languages"**.

Commit new Quantlet. Create New pull request.



Step 3: Create pull request 1



The screenshot shows the GitHub interface for comparing changes between two branches. The repository is 'QuantLet / SPL'. The comparison is between 'base fork: QuantLet/SPL' and 'head fork: QuantLetTeam/SPL', both on the 'master' branch. A green checkmark indicates 'Able to merge. These branches can be automatically merged.' A large red arrow points to the 'Create pull request' button, which is highlighted in green. Below the button, it says 'Discuss and review the changes in this comparison with others.' The comparison shows 1 commit, 2 files changed, 0 commit comments, and 1 contributor. The commit is dated Sep 04, 2018, by mariussterling, with the message 'add NewQuantlet' and hash 0adfa8a. The diff shows 2 changed files with 2 additions and 0 deletions. The file 'SPL_NewQuantlet/MetaInfo.txt' is shown with a diff of '@@ -0,0 +1 @@'.

Create pull request.



Step 3: Create pull request 2

The screenshot shows the GitHub interface for creating a pull request. The repository is 'QuantLet / SPL'. The 'base fork' is 'QuantLet/SPL' and the 'head fork' is 'QuantLetTeam/SPL'. The comparison is for the 'master' branch. A green checkmark indicates 'Able to merge. These branches can be automatically merged.' Below this, there is a text area for 'add NewQuantlet' with a 'Write' tab selected. A red arrow points to the 'Create pull request' button. At the bottom, there is a summary bar showing '1 commit', '2 files changed', '0 commit comments', and '1 contributor'. Below the summary bar, there is a commit history section showing 'Commits on Sep 04, 2018' with a commit by 'mariussterling' titled 'add NewQuantlet' with commit hash '0adfa8a'.

Comment your submission and click Create pull request.

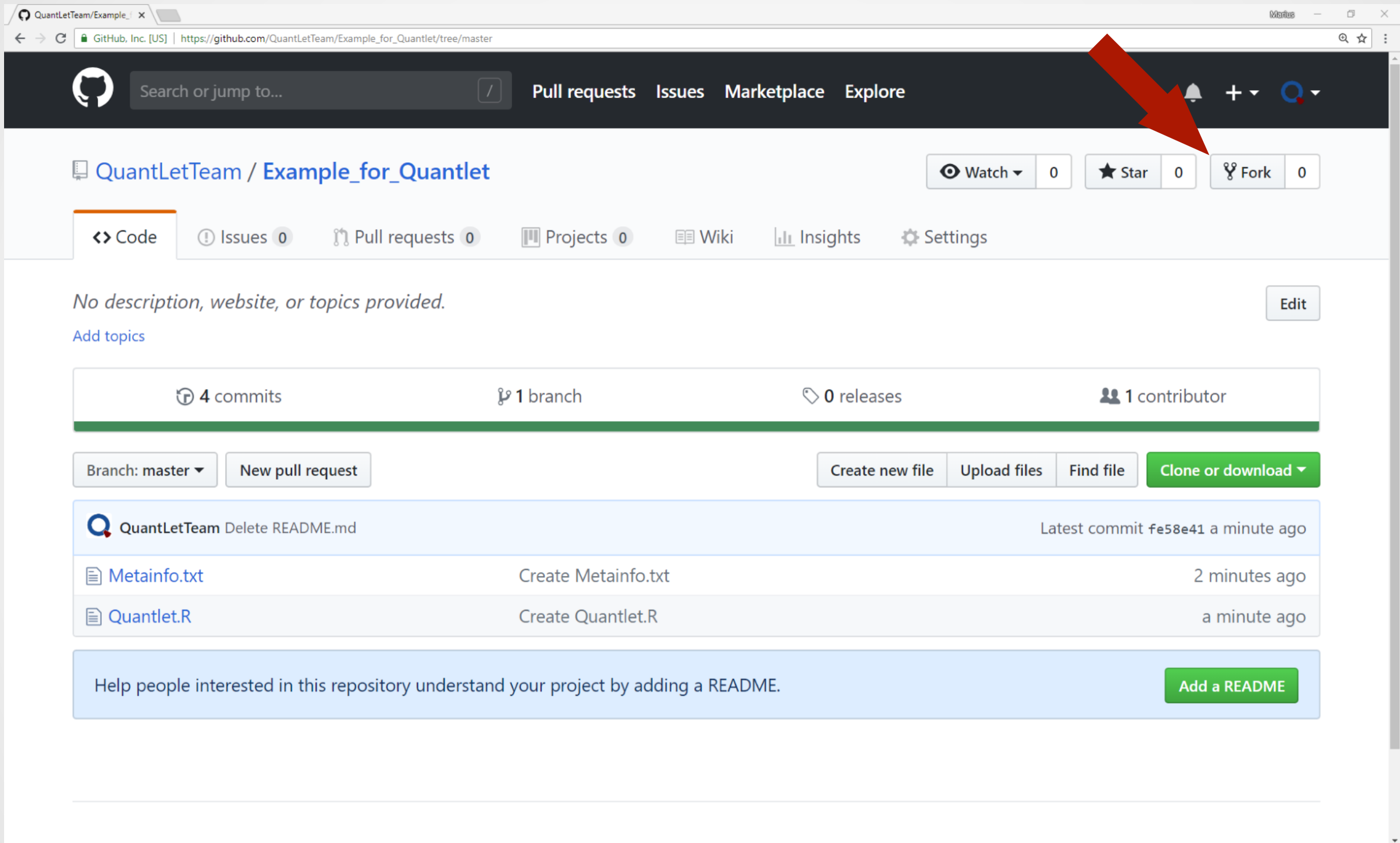


Step 3: Create pull request 3

- ▣ The pull request is sent to the repository admin who accepts or denies the commit.
- ▣ If you want to change something after an accepted pull request, commit new changes to your forked repository and create a new pull request.



2. Fork repository from your account to Quantlet 1

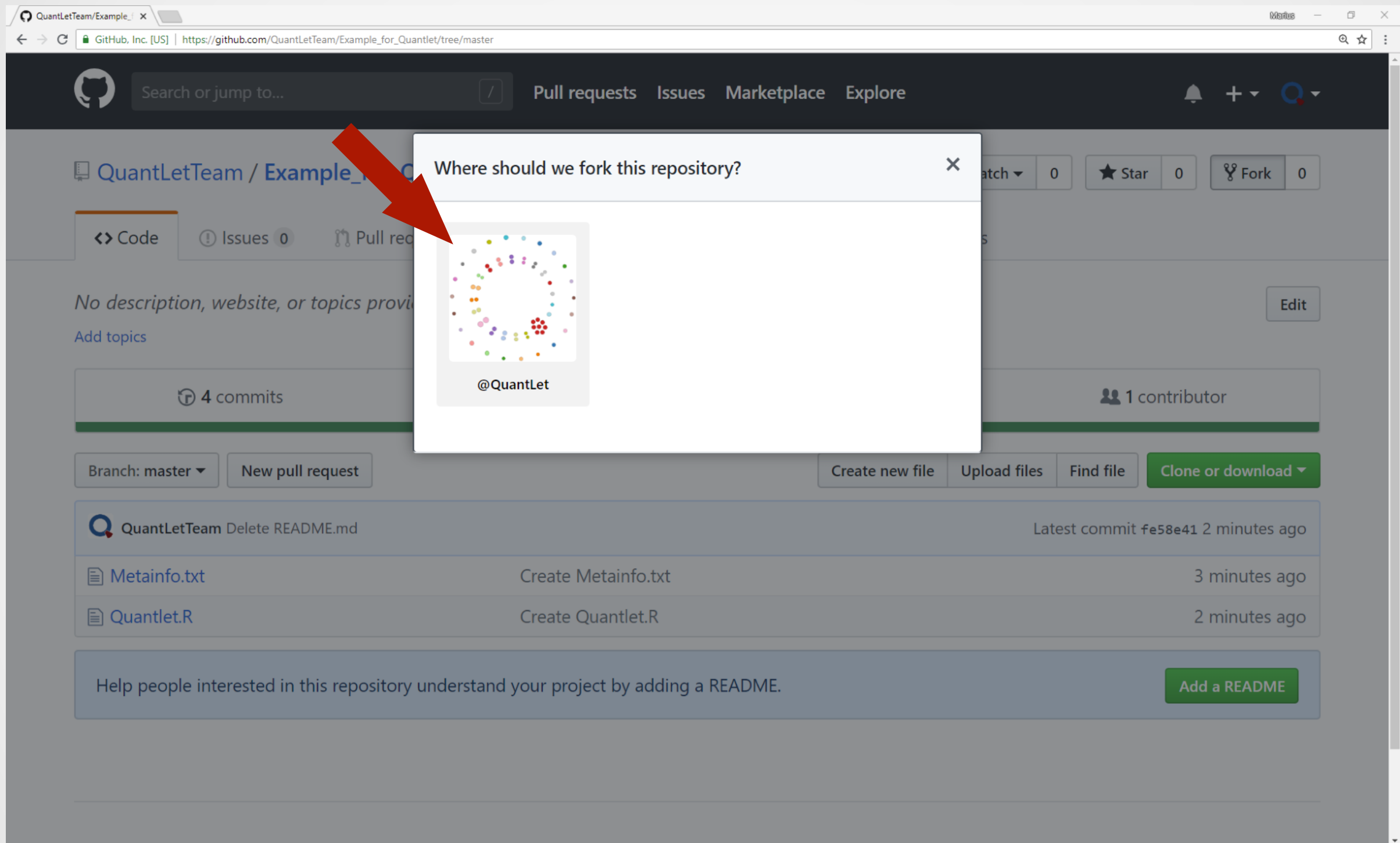


The screenshot shows the GitHub interface for the repository 'QuantLetTeam / Example_for_Quantlet'. The URL in the browser is https://github.com/QuantLetTeam/Example_for_Quantlet/tree/master. The repository has 4 commits, 1 branch, 0 releases, and 1 contributor. The 'Fork' button is highlighted with a red arrow. Below the repository information, there is a list of files: 'Metainfo.txt' and 'Quantlet.R'. At the bottom, there is a prompt to 'Add a README'.

Go to the repository you want to fork into Quantlet. Click on Fork.



2. Fork repository from your account to Quantlet 2



Select the Quantlet organisation.



Responsibilities

- ▣ When you fork a repository into the Quantlet organisation, you are its creator and thus automatically admin!
- ▣ This brings some responsibilities:
 - ▶ Make sure every submitted Quantlet contains a Metainfo file.
 - ▶ Accept / deny pull requests by others.
 - ▶ Manage access privileges.



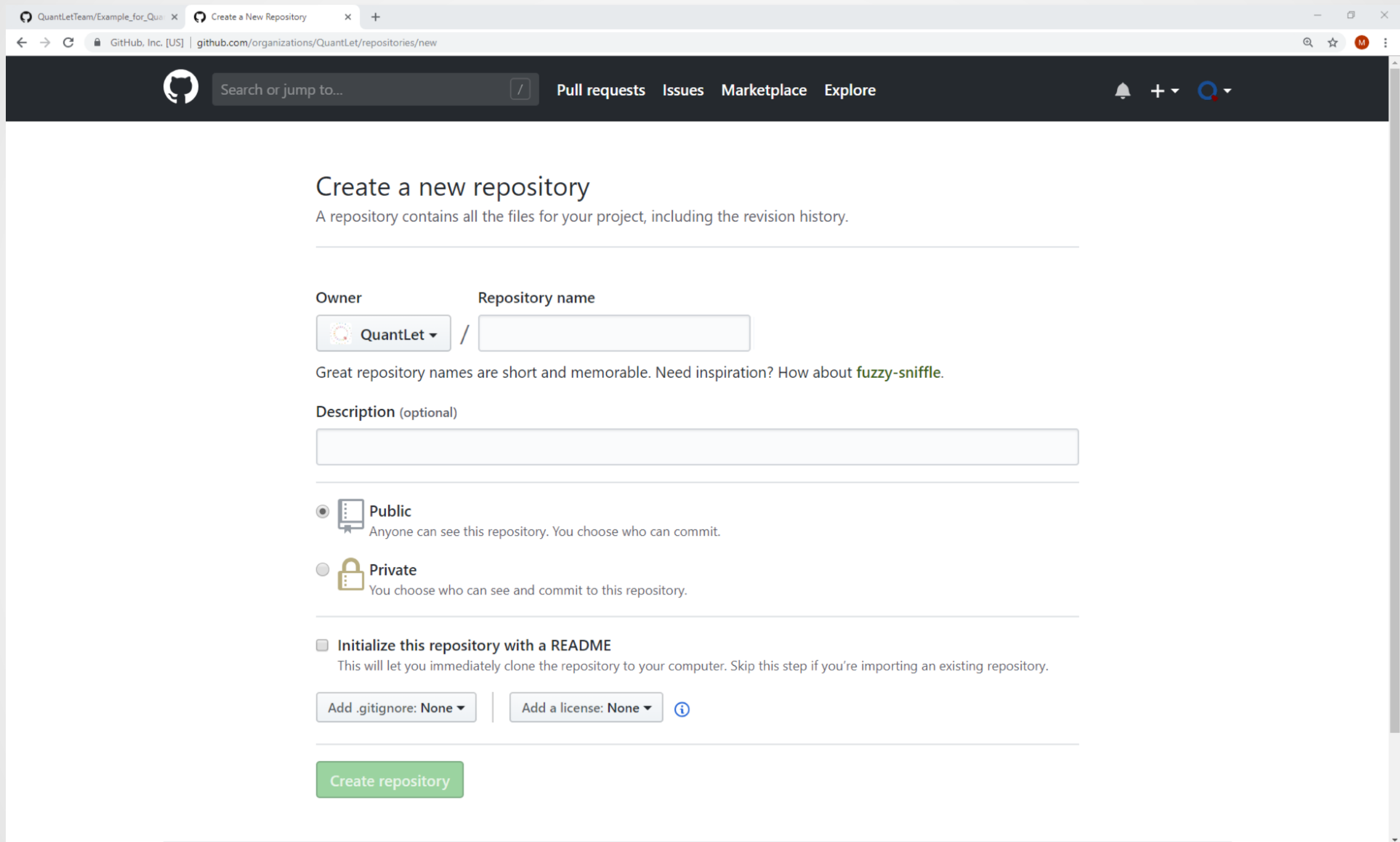
3. Create new repository 1

The screenshot shows the GitHub profile page for user 'LvB'. The profile information includes a circular avatar, the name 'LvB', the bio 'QuantNet Tokens for science', the location 'Humboldt-Universität zu Berlin', and the website 'http://www.quantlet.de'. Below the profile information, there are tabs for 'Repositories' (177), 'People' (86), 'Teams' (4), and 'Projects' (0). The 'Pinned repositories' section displays five repositories: 'Styleguide-and-FAQ' (2 stars, 38 forks), 'D3Genesis' (Forked from d3VA/D3Genesis, Development of the main D3 components for the QuantNet visualization, HTML), 'Git2Q3-Collaboration' (Forked from b2q/Git2Q3-Collaboration, Collaborative development of Quantlets), 'MVA-Plotly' (Forked from d3VA/MVA-Plotly, new MVA quantlets based on Plotly / D3 technology, R, 1 star, 1 fork), and 'CRIX' (Quantlets for CRIX, R, 10 stars, 12 forks). At the bottom of the page, there is a search bar, filters for 'Type: All' and 'Language: All', and a green 'New' button. A large red arrow points to the 'New' button.

Login GitHub and go to [GitHub.com/Quantlet](https://github.com/Quantlet). Click on New!



3. Create new repository 2



The screenshot shows the GitHub 'Create a New Repository' page for the organization 'QuantLet'. The page has a dark header with the GitHub logo, a search bar, and navigation links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. The main content area is white and contains the following sections:

- Create a new repository**: A heading followed by the text 'A repository contains all the files for your project, including the revision history.'
- Owner and Repository name**: A dropdown menu for the owner (currently 'QuantLet') and a text input field for the repository name.
- Description (optional)**: A text input field for the repository description.
- Visibility**: Two radio button options: 'Public' (selected) and 'Private'. The 'Public' option is described as 'Anyone can see this repository. You choose who can commit.' The 'Private' option is described as 'You choose who can see and commit to this repository.'
- Initialize this repository with a README**: A checkbox option. The text below it says 'This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.'
- Additional options**: Two dropdown menus for 'Add .gitignore: None' and 'Add a license: None', followed by an information icon.
- Create repository**: A green button at the bottom of the form.

Give repository a meaningful name!



Responsibilities

- ▣ When create a repository in the Quantlet organisation, you are automatically its admin!
- ▣ This brings some responsibilities, see responsibilities in page 'Responsibilities' in the 2. Fork repositories to Quantlet.



Contact

Quantlet Team

International Research Training Group 1792
“High Dimensional Nonstationary Time Series”

School of Business and Economics
Dorotheenstr. 1
10117 Berlin

E-Mail: quantlet.wiwi@hu-berlin.de

Version as of: 15. Oct 2019

