

How to make an R project that links up to GitHub

By Michael Wojahn

- Step 1: Make a new R project in a new directory and click **Create Git repository**
- Step 2: Make an EMPTY GitHub Repository named exactly the same as your project. DO NOT add a readme or license at this point. Copy the URL that ends in “git” that appears.
- Step 3: Go to the **Git** tab and click on the gearwheel (⚙️). Select **Shell**.
- Step 4: Add your url to the below code, then paste it into the terminal window that popped up. This may produce a warning, that is ok.

```
git remote add origin https://github.com/wojahn/MyProject.git
```

- Step 5: Now make first commit on your computer. Do this by selecting **Commit** button in **Git** tab. Select the changes you want to save, enter a message, and then hit **Commit**.
- Step 6: Now push to fill the empty GitHub repository by pasting the below code:

```
git push -u origin master
```

- Step 7: Now whenever you make significant changes, again click on the **Commit** button, select the changes you want to save, enter a message, and then hit **Commit** in the popup window. After doing that hit the Push button (the up arrow ⬆️) to send it over to your remote GitHub repository.

How to fork your public repository to the lab's account

By Michael Wojahn

- Step 1: log out of your GitHub account
- Step 2: Log into the lab's GitHub Account
Username: [BuerkiLab](#)
Password: [mqx8gmtwa-c2!!m903Mkdqa12\\$](#)
- Step 3: Search for your account's name in the search bar
- Step 4: Click on **Repositories**
- Step 5: Click on the public repository you want to fork
- Step 6: Click on **Fork** (top left)
- Step 7: Choose **BuerkiLab**
- Step 13: Log out of the lab's GitHub account

How to fork your private repository to the lab's account

By Michael Wojahn

- Step 1: Go to your homepage
- Step 2: Click on **Repositories**
- Step 3: Click on your repository name
- Step 4: Click on **Settings**
- Step 5: Click on **Manage Access**
- Step 6: Click on **Invite a collaborator**
- Step 7: Search for "BuerkiLab" and click on the match
- Step 8: Click on **Add BuerkiLab to this repository**
- Step 9: log out of your GitHub account
- Step 10: Log into the lab's GitHub Account
Username: **BuerkiLab**
Password: **mqx8gmtwa-c2!!m903Mkdqa12\$**
- Step 11: Paste this into browser:

<https://github.com/myname/myprivaterepo/invitations>

where **myname** is your GitHub handle and **myprivaterepo** is the name of your private repository

- Step 12: Click on **Accept invitation**
- Step 13: Click on **Fork** (top left)
- Step 14: Choose **BuerkiLab**
- Step 15: Log out of the lab's GitHub account

How to merge your repository with the lab's fork

By Michael Wojahn

- Step 1: log out of your GitHub account
- Step 2: Log into the lab's GitHub Account
Username: [BuerkiLab](#)
Password: [mqx8gmtwa-c2!!m903Mkdqa12\\$](#)
- Step 3: click on [Repositories](#)
- Step 5: Click on the repository you want to merge
- Step 6: Click on [Compare](#)
- Step 7: Scroll down a few inches and click on [switching the base](#)
- Step 8: Click on [Create pull request](#)
- Step 9: Write message and click on [Create pull request](#) again
- Step 10: Click on [View pull request](#)
- Step 11: Click on [Merge pull request](#)
- Step 12: Click on [Confirm merge](#)
- Step 13: Log out of the lab's GitHub account