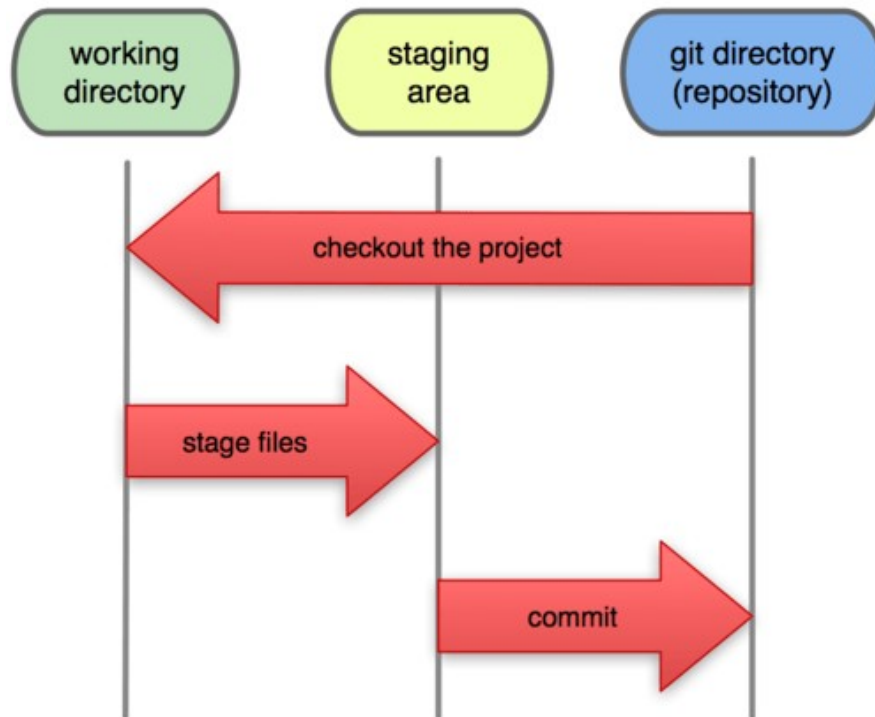


*Einführung in Data Science und
maschinelles Lernen mit R*

**Versionierung mit git und Start
des Auswertungsprojektes**

- **Einführung in git Teil 2**
- **Zusammenstellung der Teams**
- **Erste Arbeiten im Team**
- **„AI for Everyone“**

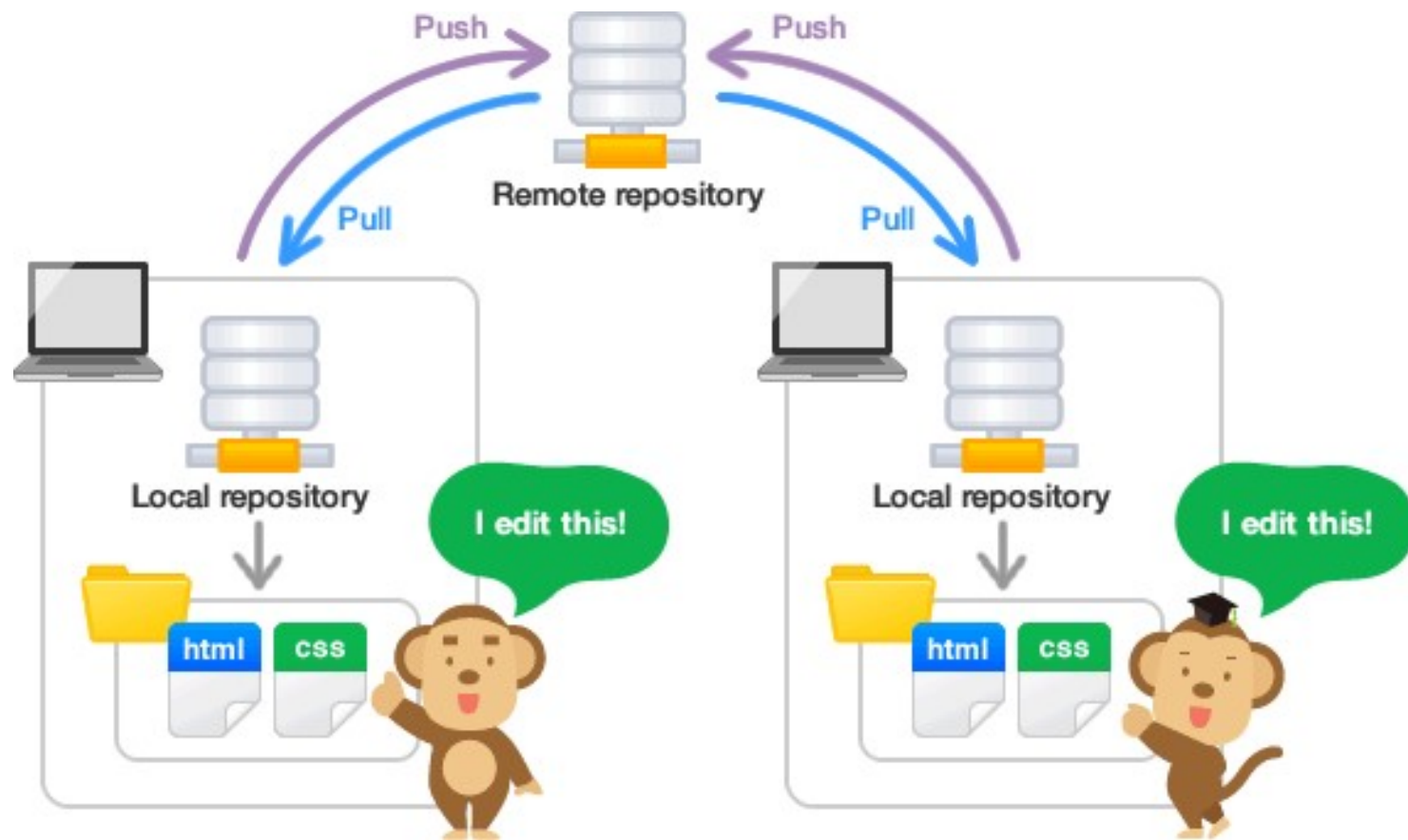
VERSIONIERUNG MIT GIT



Eine Datei kann drei möglich Zustände haben:

- **modified** („geändert“)
- **staged** („vorgemerkt“) und
- **committed** („eingebunden“).

LOKALE UND REMOTE REPOSITORIES



AUTHENTIFIZIERUNG BEI GITHUB

Zur Verbindung Eures RStudio mit Eurem GitHub Account führt folgende zwei Schritte durch:

(1) RStudio Menu

(Generierung eines Schlüssels in RStudio, um sich mit diesem bei GitHub zu authentifizieren)

Tools → Global Options → Git SVN

Auf “*Create RSA Key...*” klicken und über “*View public key*” den angezeigten Schlüssel in die Zwischenablage kopieren.

(2) GitHub

(Einfügen des generierten Schlüssel in GitHub)

Unter Account Settings gehe zu *Edit profile → SSH key → Add SSH key*

TEAMAUFGABEN

- (1) Anlegen eines GitHub Repository (Remote Repository) im GitHub eines der Team-Mitglieder
- (2) Einrichten lokaler Repositories für das oben angelegte GitHub Repository.
- (3) Anlegen eines Team Channels im Chat
- (4) Entwicklung von Ideen zur Konstruktion zusätzlicher Variablen, die für die Vorhersage des Umsatzes in der Bäckerfiliale relevant sein können.
- (5) Verteilung von Aufgaben im Team

NEUES GITHUB REPOSITORY ANLEGEN (1)

The screenshot shows the GitHub profile of user 'steffen74'. The 'Repositories' tab is highlighted with a red circle and has a count of 4. A red arrow points to the 'New' button in the repository filter section. The profile includes a profile picture, a 'Set status' button, and an 'Edit profile' button. The repository list shows two entries: 'test' (Private, updated 18 hours ago) and 'ws1920-tensorflow' (Private, resources for a Machine Learning course).

GitHub navigation bar: Search or jump to..., Pull requests, Issues, Marketplace, Explore, Notifications, +, @s

ProTip! Updating your profile with your name, location, and a profile picture helps other GitHub users get to know you. [Edit profile](#) X

Overview **Repositories** 4 Projects 0 Packages 0 Stars 0 Followers 1 Following 0

Find a repository... Type: All Language: All [New](#)

Set status

steffen74






[Edit profile](#)

Organizations

[test](#) Private Updated 18 hours ago [★ Star](#)

[ws1920-tensorflow](#) Private Ressources for the Machine Learning With TensorFlow Course in Winter Semester 2019/20 [★ Star](#)

NEUES GITHUB REPOSITORY ANLEGEN (2)



 Search or jump to...  Pull requests Issues Marketplace Explore   

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner


Repository name *



 steffen74 / mein-repository 

Great repository names are short and memorable. Need inspiration? How about [laughing-lamp](#)?


Description (optional)



Hier könnt Ihr eine Beschreibung eingehen.

☐  **Public**
Anyone can see this repository. You choose who can commit.

 ☒  **Private**
You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.

 ☒ **Initialize this repository with a README**
This will let you immediately clone the repository to your computer.

 Add .gitignore: **R** | Add a license: **None** 

Create repository

NEUES GITHUB REPOSITORY ANLEGEN (3)

The screenshot shows the GitHub repository settings page for a repository named 'test' by user 'steffen74'. The repository is marked as 'Private'. The top navigation bar includes links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. The repository header shows 'Unwatch' (1), 'Star' (0), and 'Fork' (0). The left sidebar contains a list of settings: 'Options', 'Collaborators', 'Branches', 'Webhooks', 'Notifications', 'Integrations & services', 'Deploy keys', 'Secrets', and 'Actions'. The 'Collaborators' section is highlighted with a red arrow. The main content area for 'Collaborators' shows a message: 'This repository doesn't have any collaborators yet. Use the form below to add a collaborator.' Below this is a search bar with the text 'Search by username, full name or email address' and a note: 'You'll only be able to find a GitHub user by their email address if they've chosen to list it publicly. Otherwise, use their username instead.' There is an input field and an 'Add collaborator' button. A red arrow points to the input field. At the bottom, there is a footer with copyright information and links for 'Contact GitHub', 'Pricing', 'API', 'Training', 'Blog', and 'About'.

Options
Collaborators
Branches
Webhooks
Notifications
Integrations & services
Deploy keys
Secrets
Actions

Collaborators Push access to the repository

This repository doesn't have any collaborators yet. Use the form below to add a collaborator.

Search by username, full name or email address
You'll only be able to find a GitHub user by their email address if they've chosen to list it publicly. Otherwise, use their username instead.

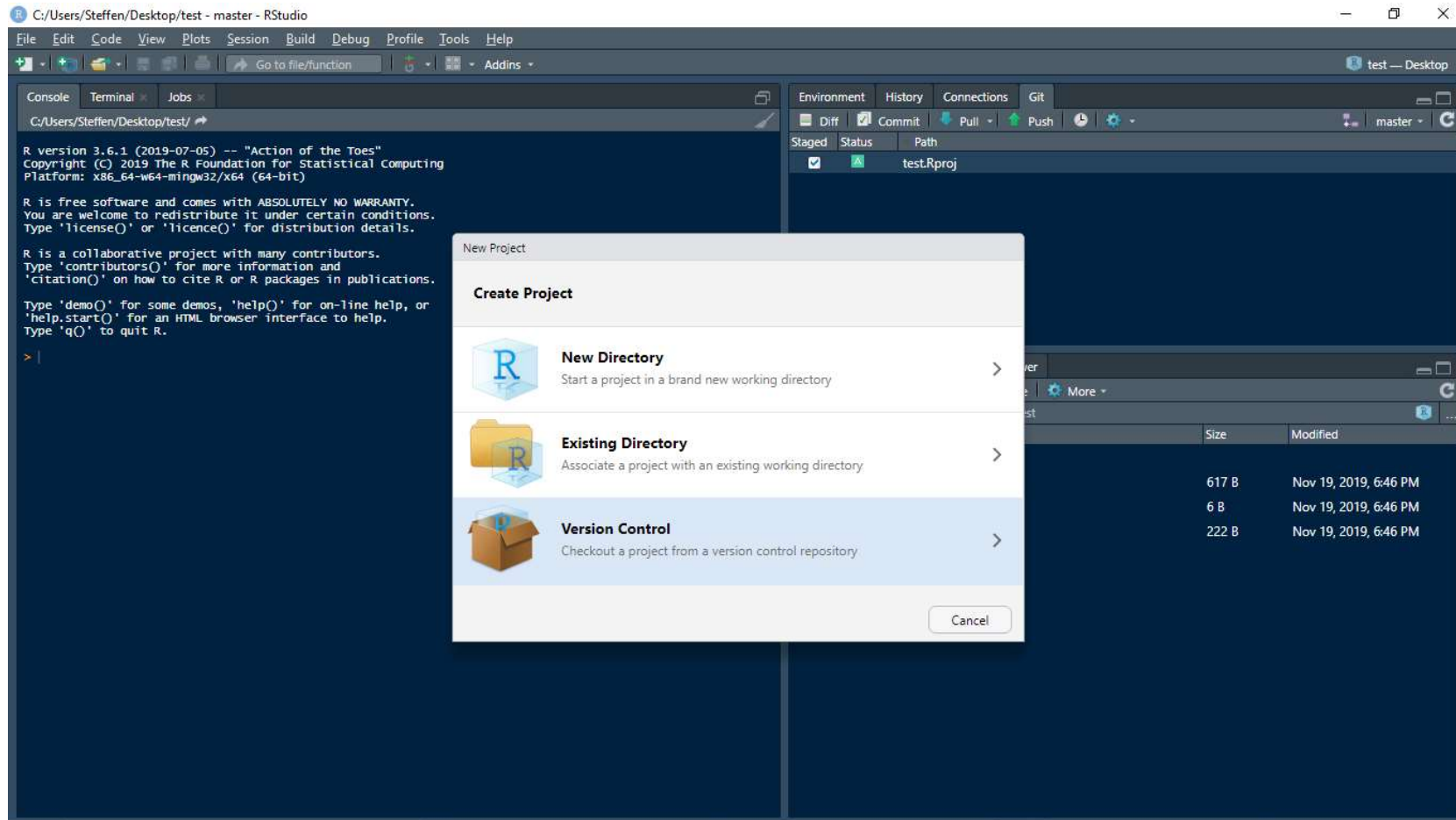
Add collaborator

0 of 3 collaborators

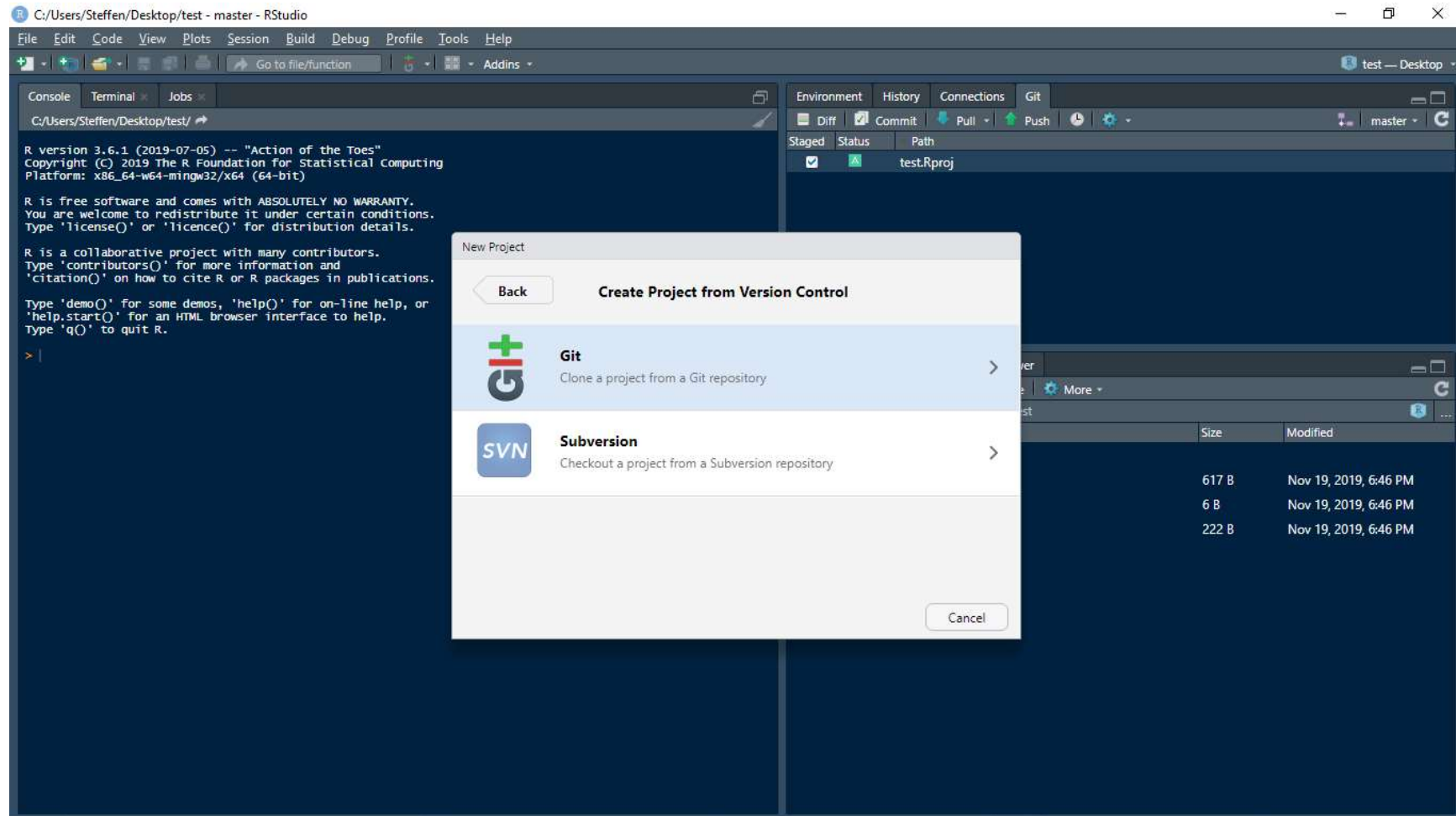
Teammitglieder hinzufügen

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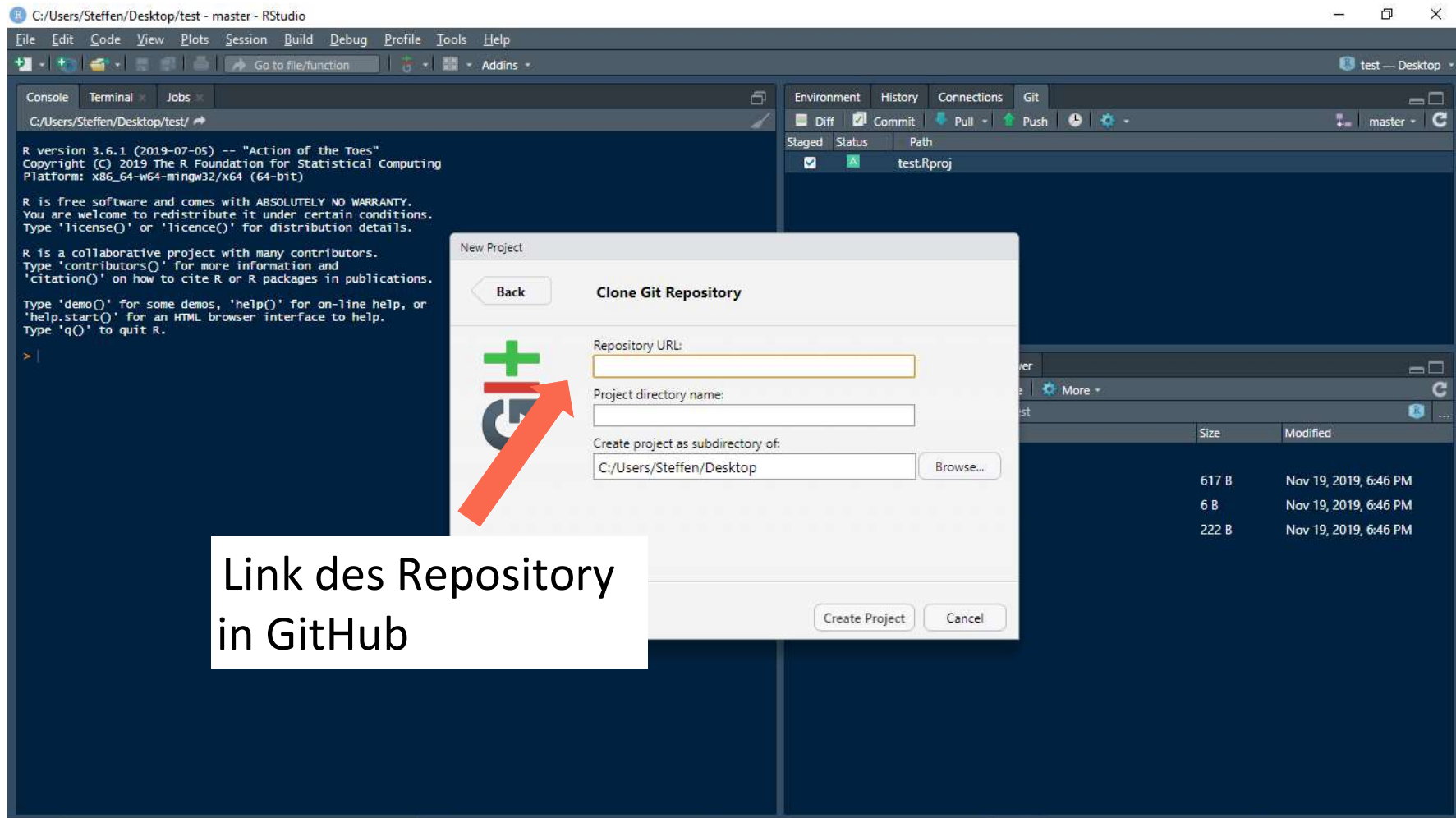
NEUES PROJEKT AUF BASIS DES GITHUB REPOSITORY ANLEGEN (1)



NEUES PROJEKT AUF BASIS DES GITHUB REPOSITORY ANLEGEN (2)



NEUES PROJEKT AUF BASIS DES GITHUB REPOSITORY ANLEGEN (3)



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AI For Everyone



4.8

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