Version control (with GitHub) helps us meet four objectives in collaborative reproducibility.

▶ Does the code run? Knitting a collaborator's scripts.

▶ Does the analysis make sense? Assessing coherence and credibility.

▶ Responding to one another's changes.

▶ Managing conflicts.

The cast of characters

Alice (the author)

The remote repository

Carlos (the collaborator)

Alice is you. Alice starts.

Alice (the author)

The remote repository

Alice is you. Alice starts.

Alice (the author)

The remote repository

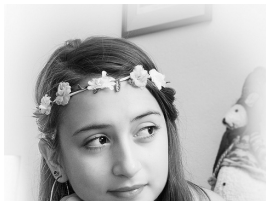CREATE

Alice is you. Alice starts.

Alice (the author)

The remote repository

Repository URL:
s://github.com/graphdr/using-github-with-rstudio.git

Project directory name:
using-github-with-rstudio

Create project as subdirectory of:
~/Documents

CREATE

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

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

Add .gitignore: R ▼   Add a license: The Unlicense ▼

Create repository

Using GitHub for collaboration

Alice (the author)

Using GitHub for collaboration

Alice (the author)

CREATE →

Private remote
repository on GitHub

Using GitHub for collaboration

Alice (the author)

CREATE

Private remote
repository on GitHub

Using GitHub for collaboration

Alice (the author)   GitHub (remote repo)   Carlos (the collaborator)

- 📁 data
- 📁 manage
- 📁 reports
- 📁 resources
- 📁 results
- 📁 scripts
- 📄 .gitignore
- 📄 .Renviron
- Ⓡ LICENSE.md
- Ⓡ README.md
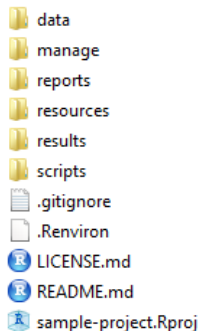- 🅡 sample-project.Rproj
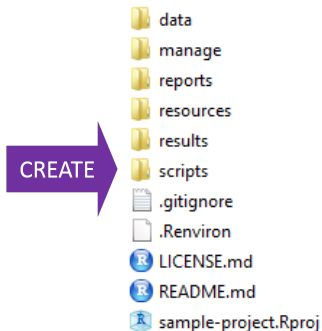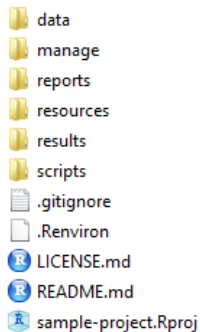
Using GitHub for collaboration

Alice (the author)   GitHub (remote repo)   Carlos (the collaborator)

Using GitHub for collaboration

Alice (the author)

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📁 data
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📄 sample-project.Rproj