



Organization

Part of "Doing data science in Positron" workshop

Posit Software, PBC



Adopt a folder-oriented workflow

Why:

- Work on more than one thing at a time across multiple Positron sessions.
- Collaborate, communicate, distribute.
- Start and stop.

How:

- Dedicated folder containing all the associated with a given project together — input data, scripts, analytical results, and figures.
- (Maybe also) special files that designate the folder as a workspace.

What's in a folder?

Open Folder = dedicated Positron window

- File explorer rooted at the folder.
- Dedicated R process with working directory set to the folder.
- Terminal working directory set to the folder.

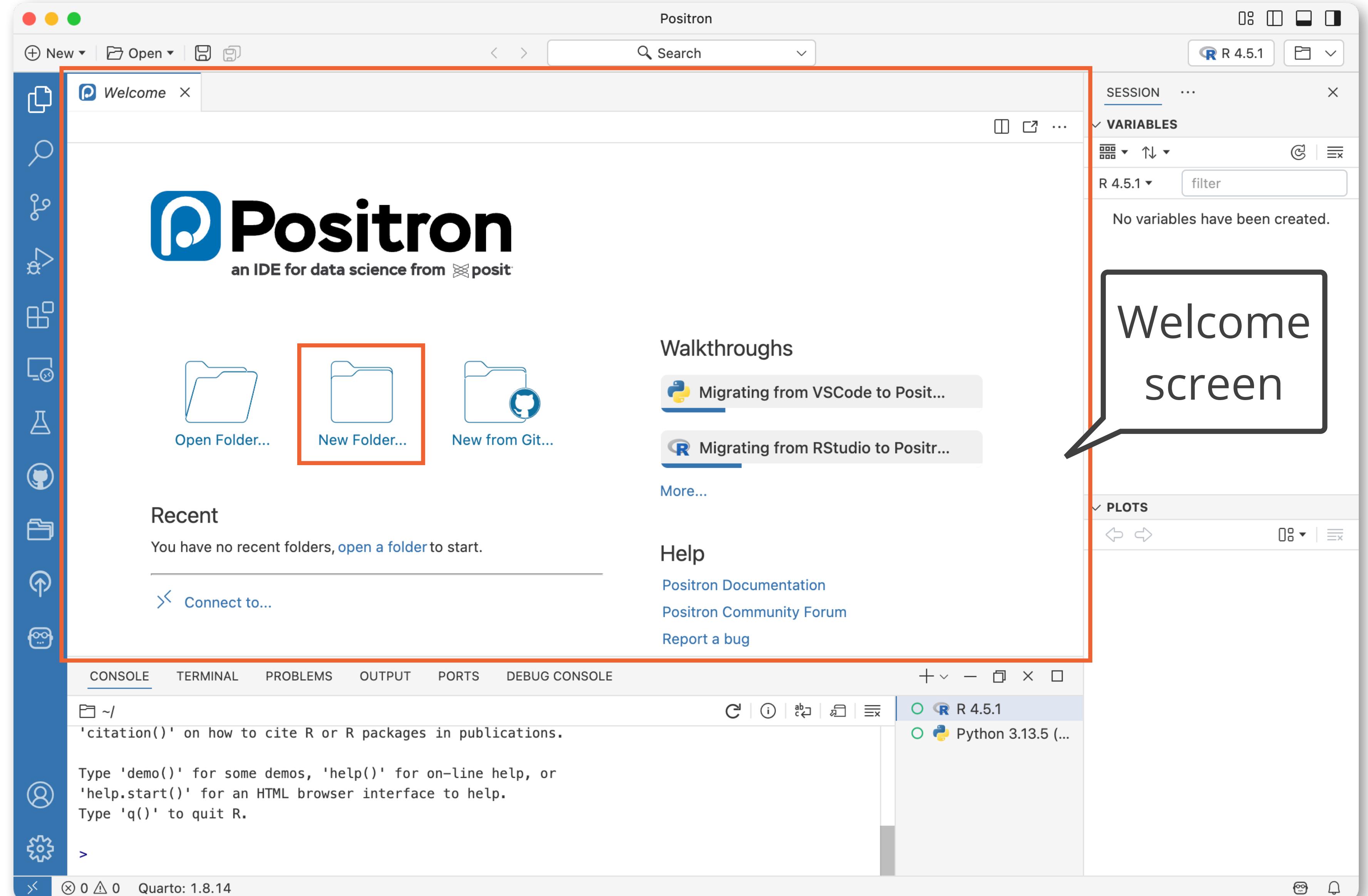
New folder

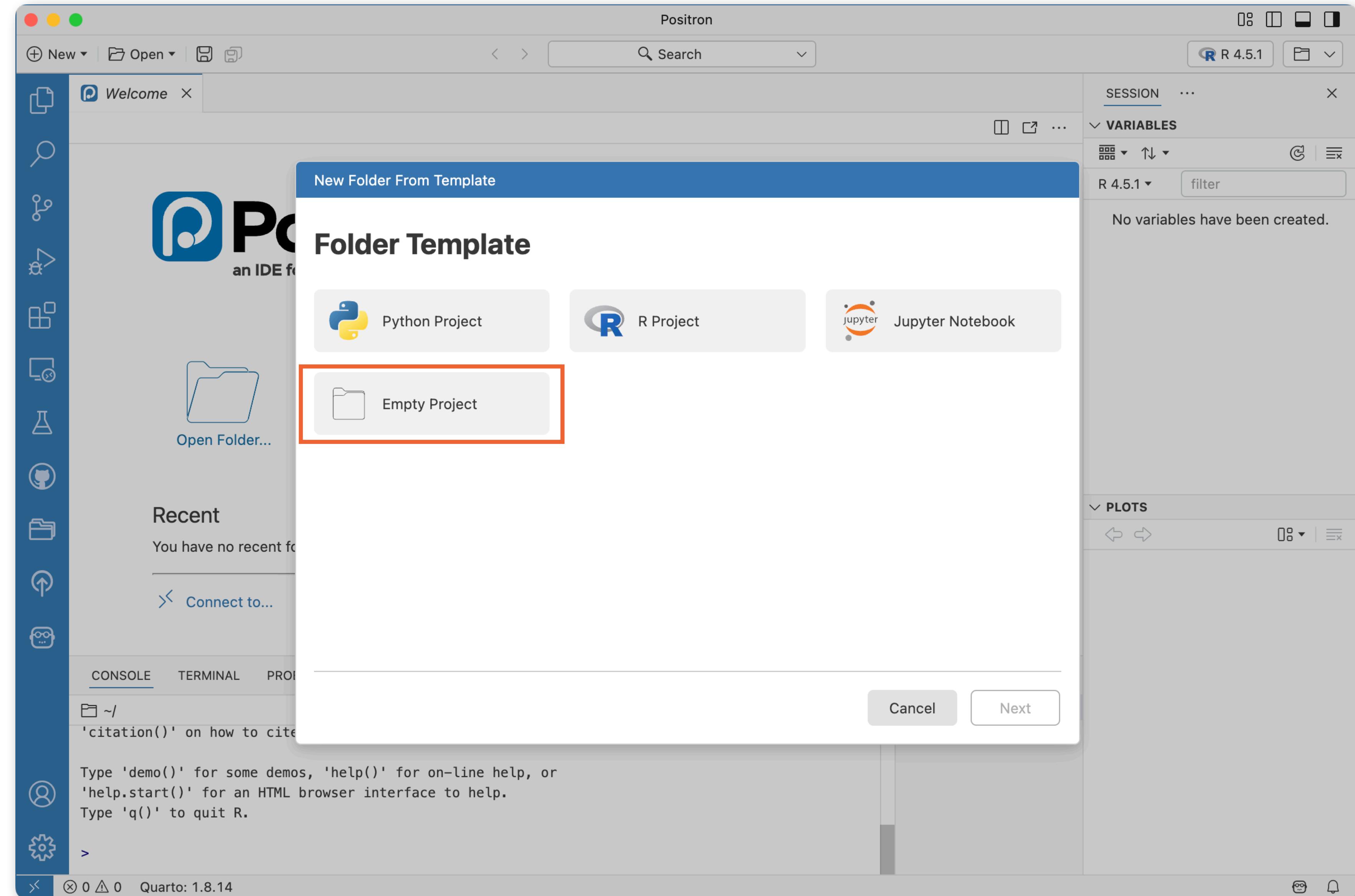
3m 00s

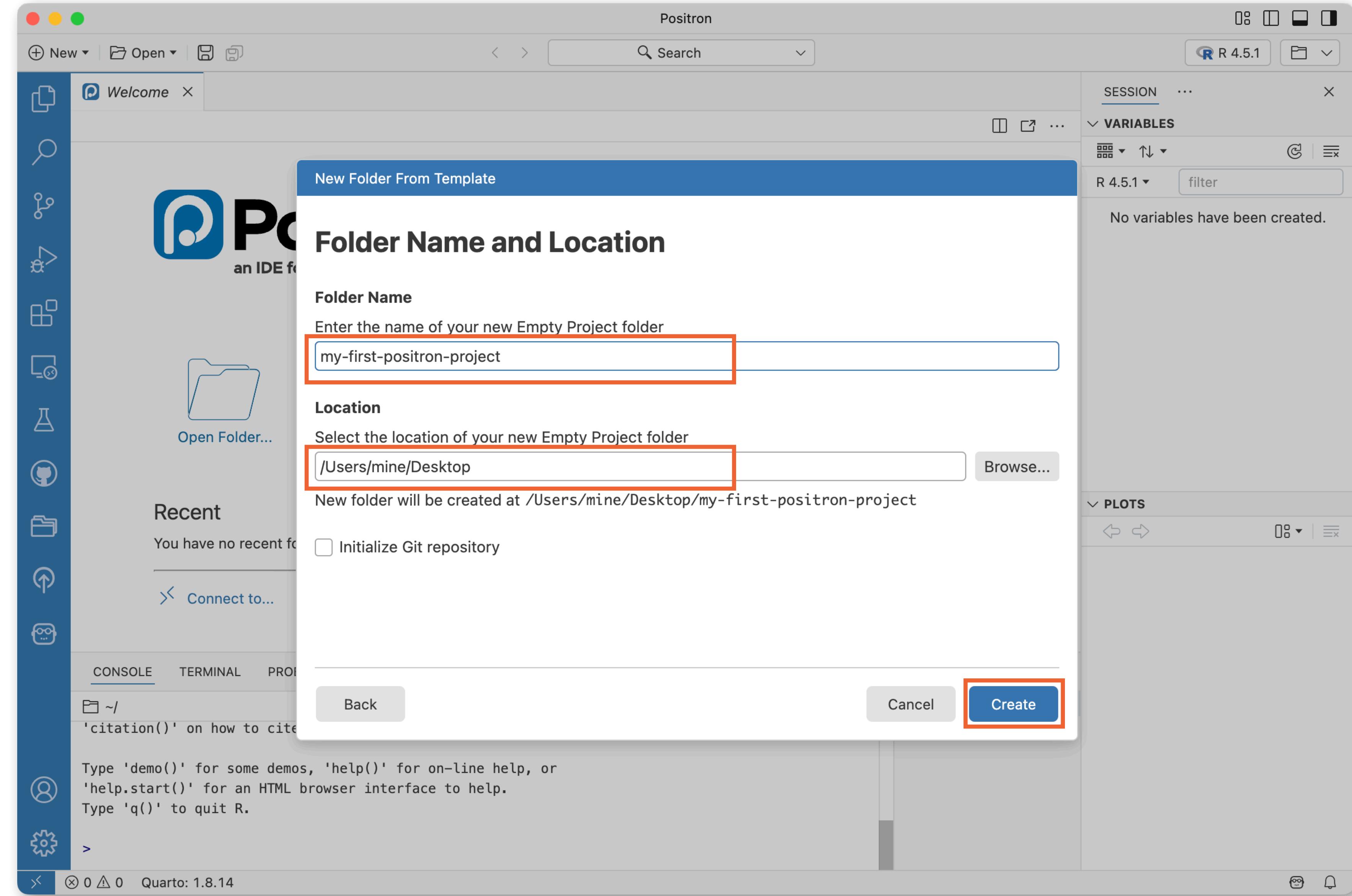
Your turn

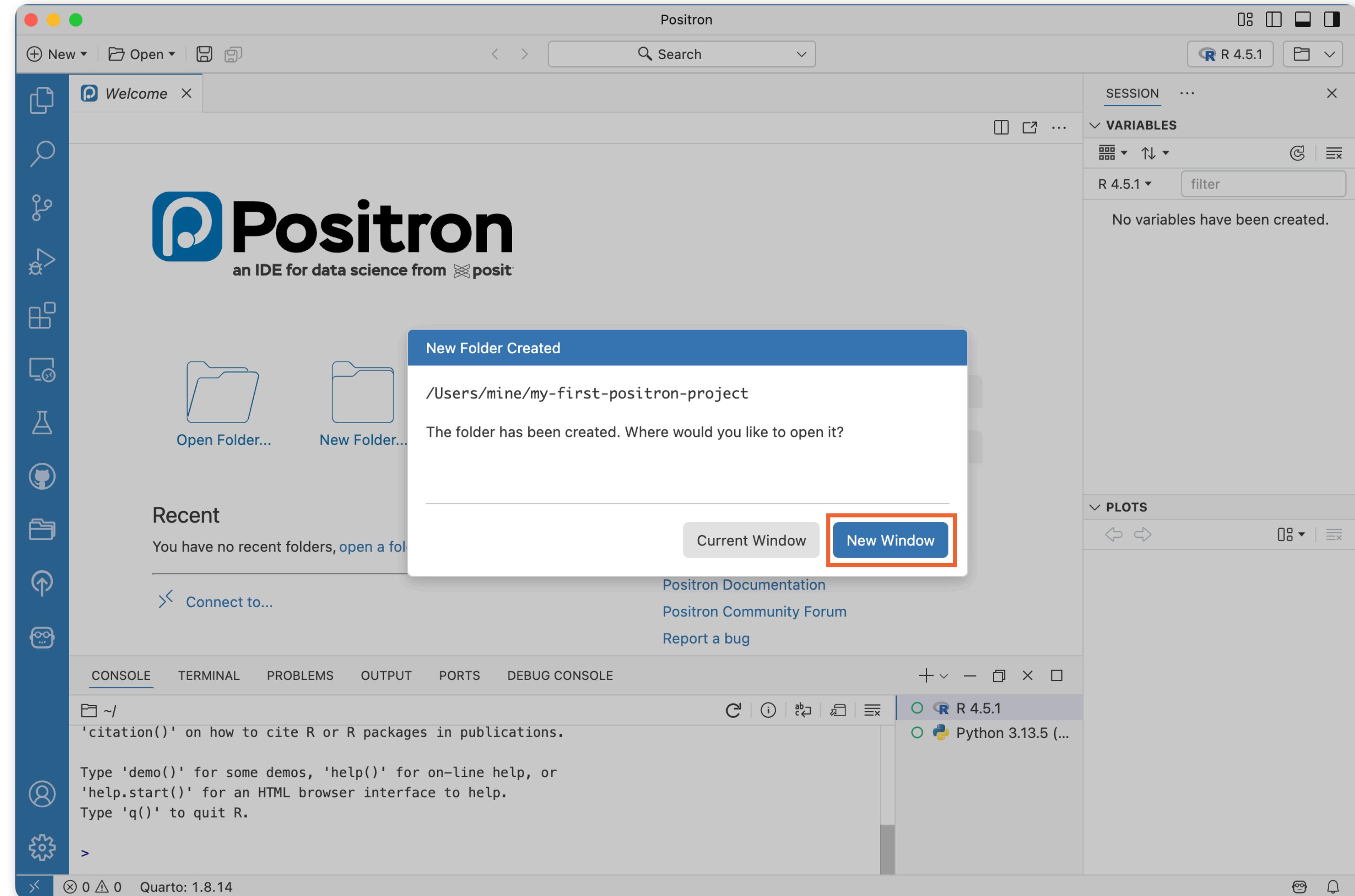
Create new folder

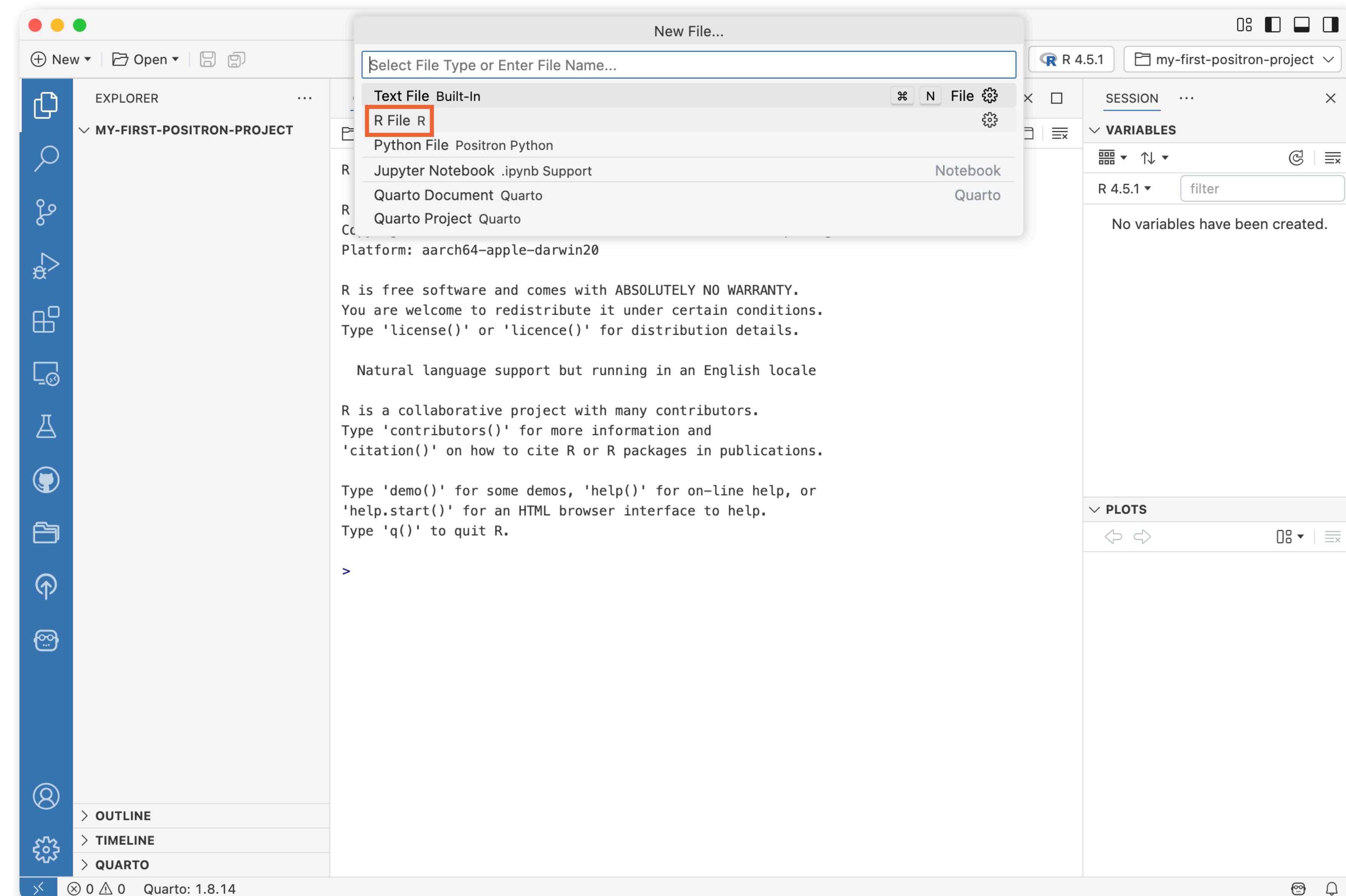
- In the Positron Welcome screen, follow the prompts to create a **New Folder...:**
 - Empty project
 - Name it `my-first-positron-project`
 - Place it on your Desktop
 - Open in a New Window
- Add an R script to the folder and save it.
- How can you tell which folder is open in Positron?

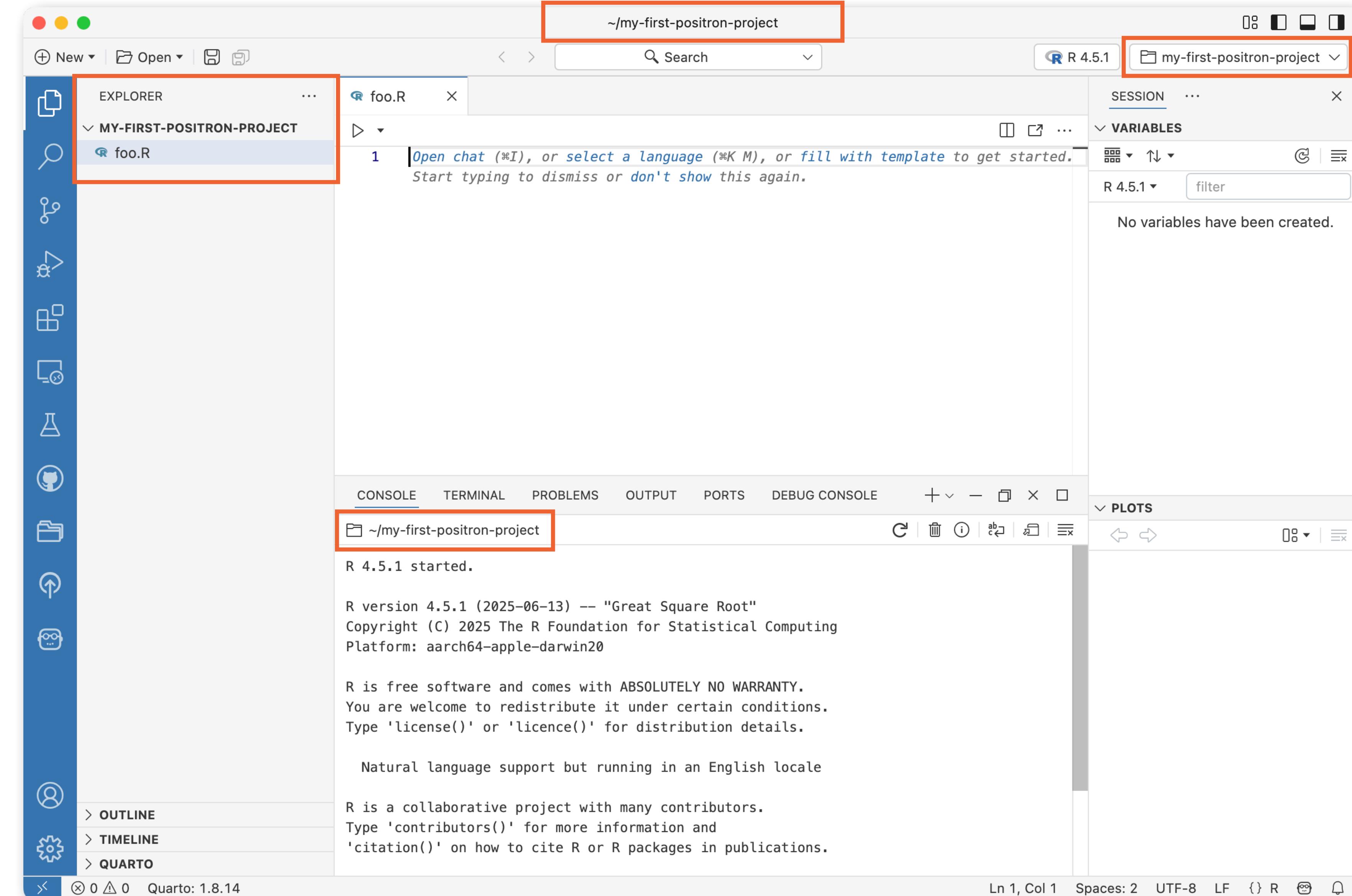








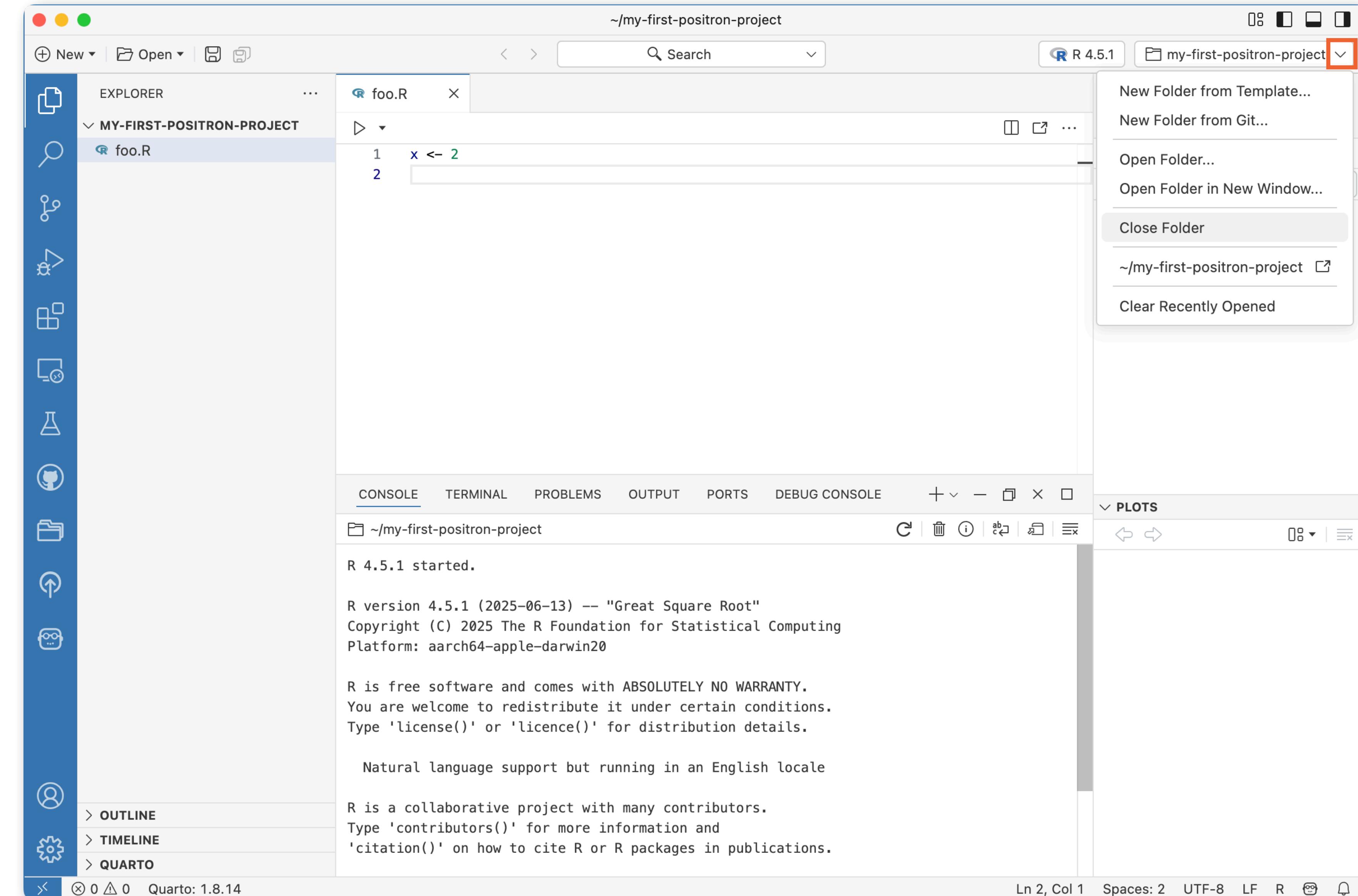




Demo

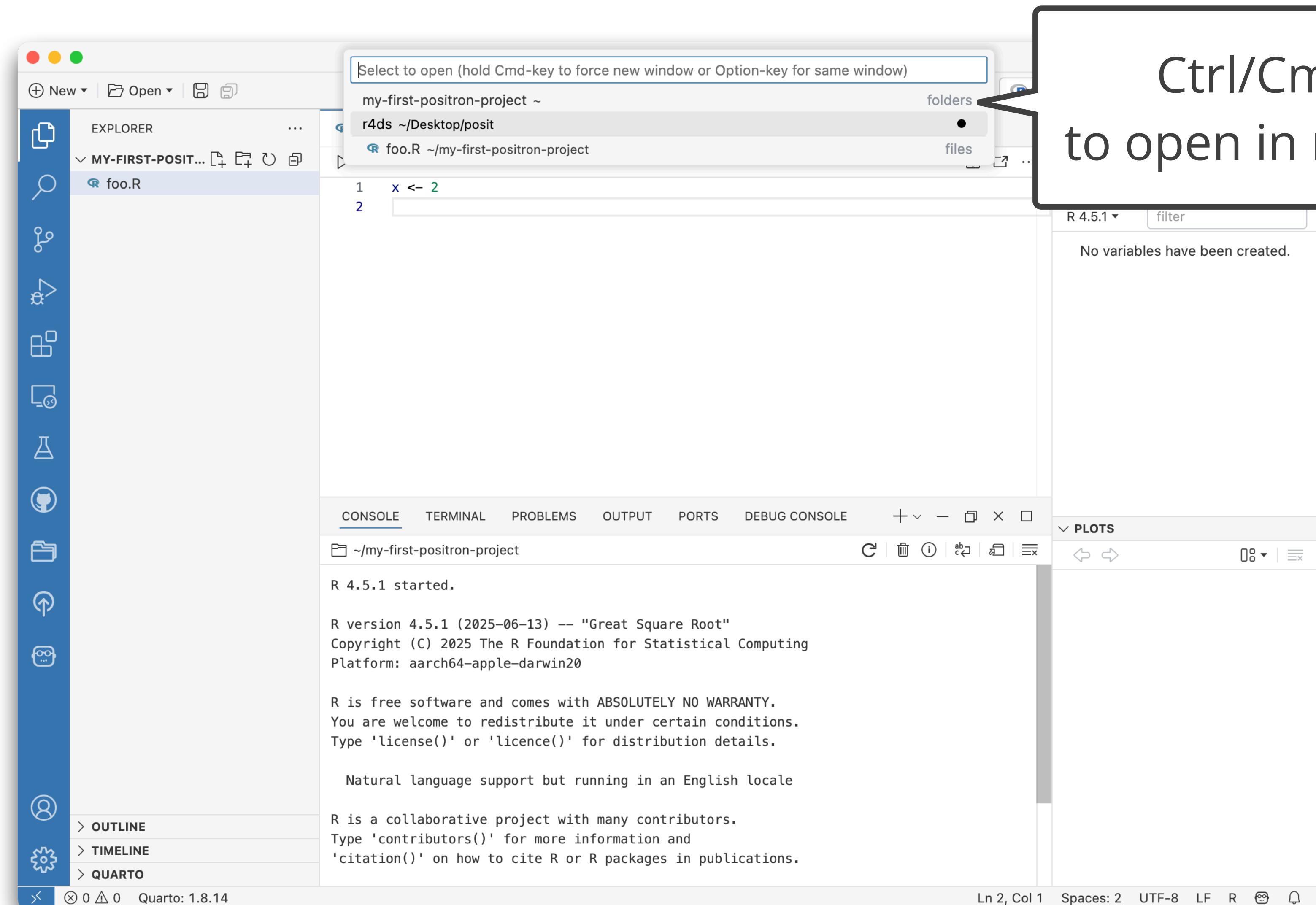
Folder workflow

- Close one Positron window: **File > Close Window**
- Close all Positron windows: Windows: **File > Exit**, Mac: **Positron > Quit**
- Open Positron: last window(s) open will reopen
- Folder menu in top bar
 - Close folder
 - Open recent folder
- Open Recent (including folders): Crtl + R



Click to
reveal
menu

Ctrl + R



3m 00s

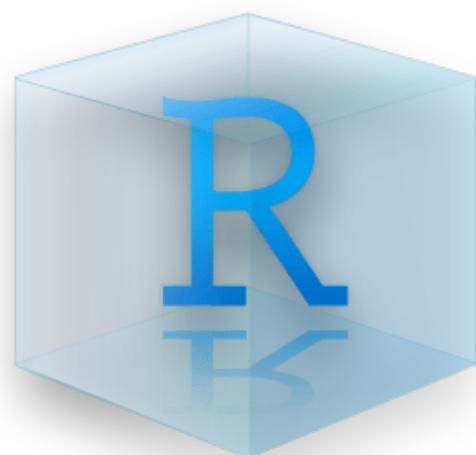
Your turn

Open RStudio Project as a folder

- Locate a project that you usually work on in RStudio that has an Rproj file.
- Open the project folder in Positron.

RStudio Projects vs. Positron ???s

- RStudio places an `.Rproj` file in a folder to designate it as an RStudio Project.
- Used for storing project-level preferences, launching projects, and for identifying the project root (e.g., for `here::here()`).
- Positron doesn't place anything that functions exactly like an Rproj file in every folder.
- Unless you set workspace-level preferences, which prompts the creation of a `.vscode/settings.json` file that stores these preferences.
- *Note:* In Positron, `here::here()` will find the folder root typically through finding a `.git` folder.



Positron and the .Rproj file

- Positron doesn't do anything with the contents of an `.Rproj` file.
- For example, your `.Rproj` file might indicate preferences like using spaces for tabs (**UseSpacesForTab: Yes**) or using line breaks after each sentence in Quarto or R Markdown files (**MarkdownWrap: Sentence**).
- We'll discuss expressing some of these as Positron settings in a later module.
- For Quarto projects, some might be best set in `_quarto.yml`.

r4ds.Rproj

Version: 1.0

RestoreWorkspace: Default

SaveWorkspace: Default

AlwaysSaveHistory: Default

EnableCodeIndexing: Yes

UseSpacesForTab: Yes

NumSpacesForTab: 2

Encoding: UTF-8

RnwWeave: Sweave

LaTeX: XeLaTeX

StripTrailingWhitespace: Yes

BuildType: None

UseNativePipeOperator: Yes

MarkdownWrap: Sentence

MarkdownCanonical: Yes

SpellingDictionary: en_US

3m 00s

Your turn

Open new folder from Git

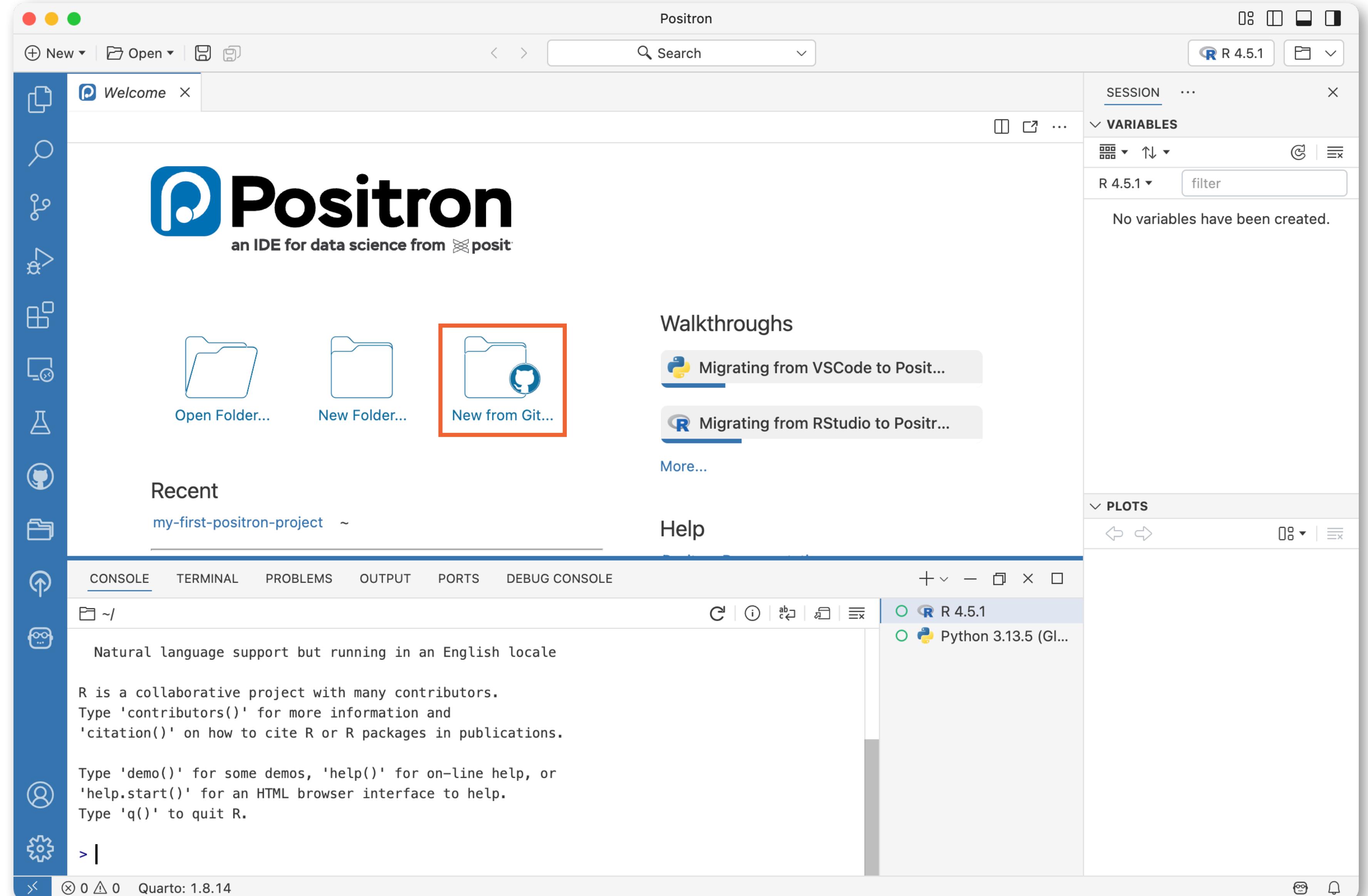
You'll need this project in the next module. Ask for help if you get stuck!

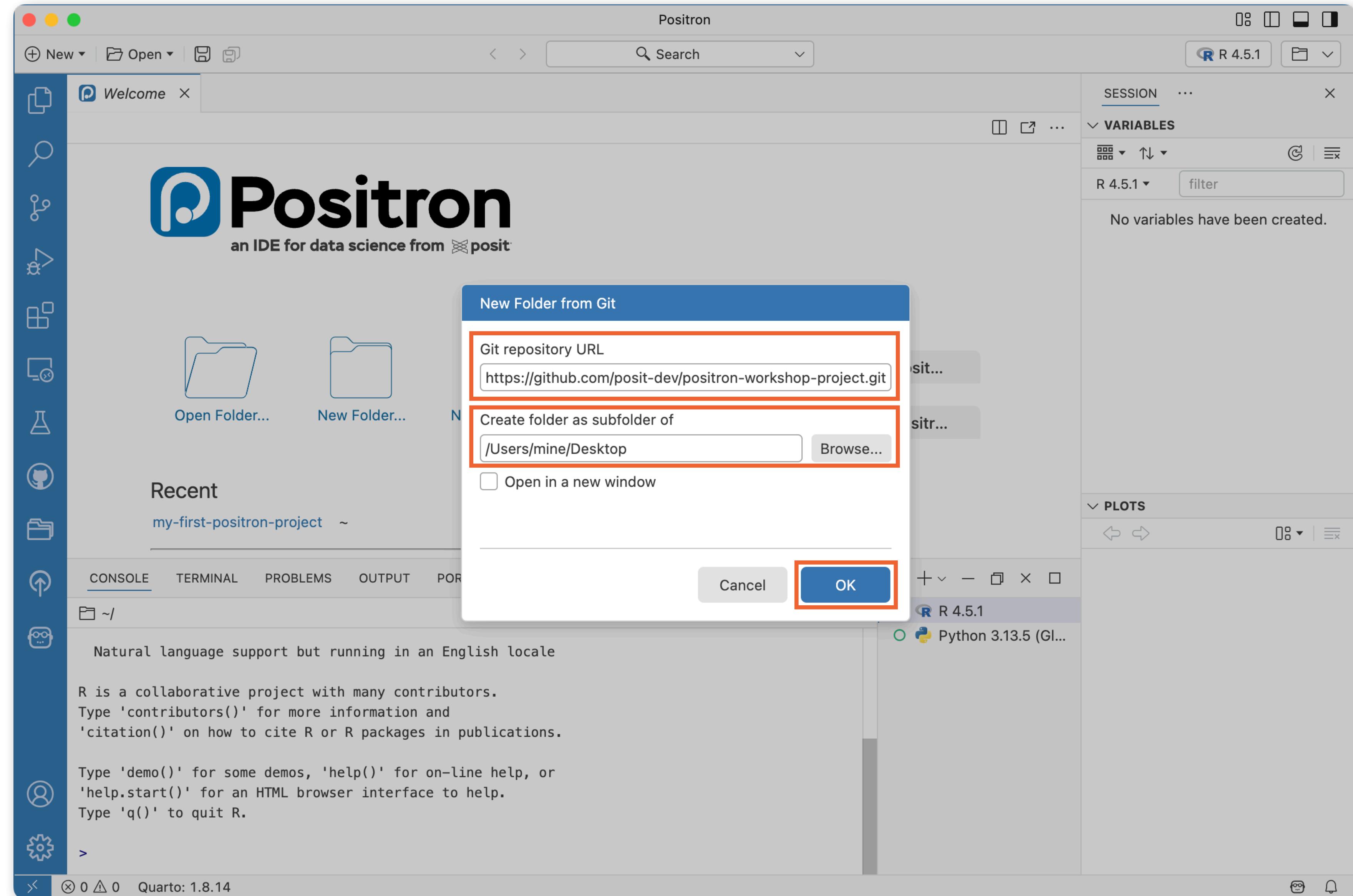
- Open a **New Folder from Git**:
 - The repo: <https://github.com/posit-dev/positron-workshop-project>
 - As a folder on your Desktop

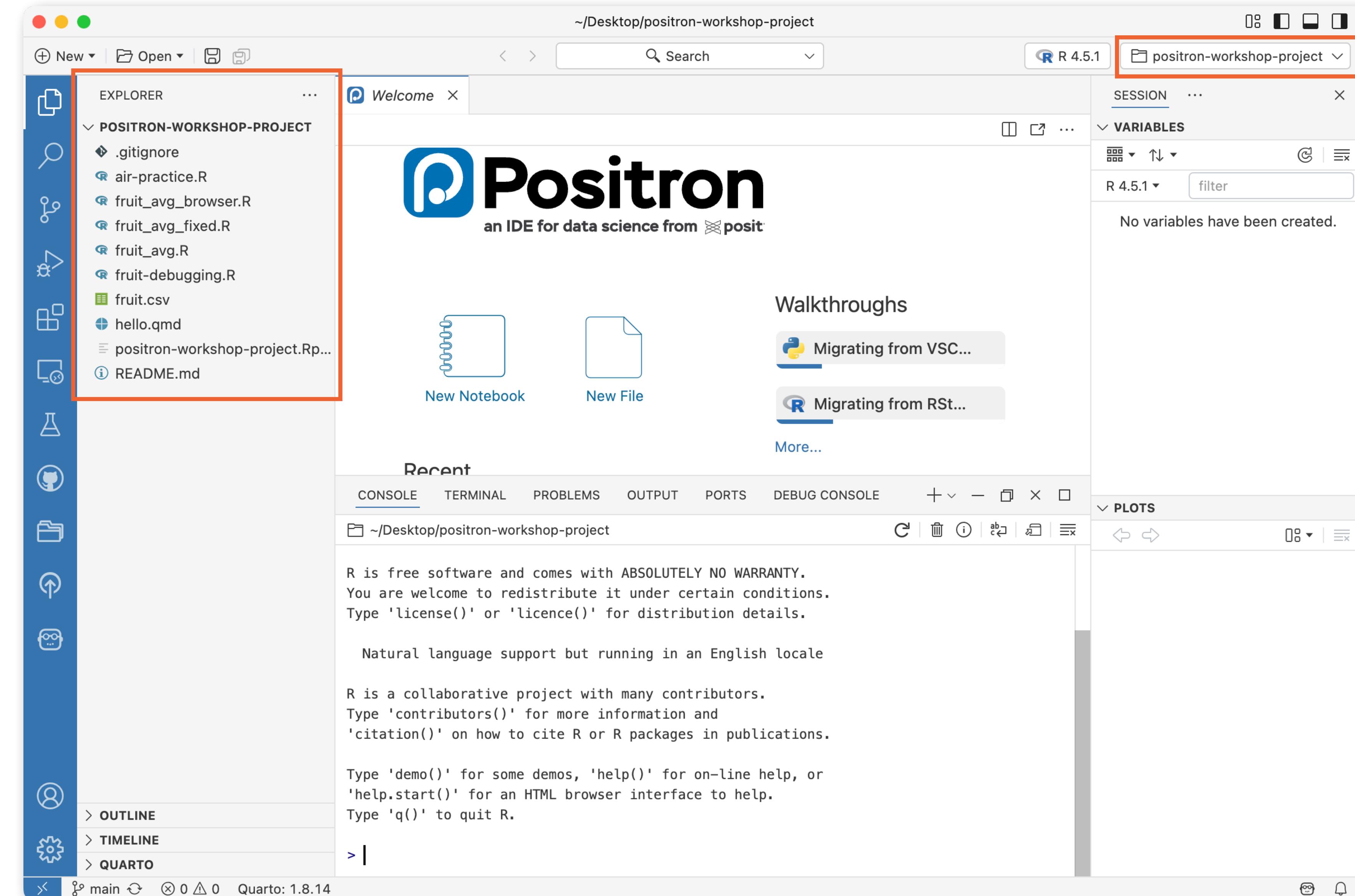
No Git?

Run in the R Console:

```
usethis::use_course("posit-dev/positron-workshop-project")
```



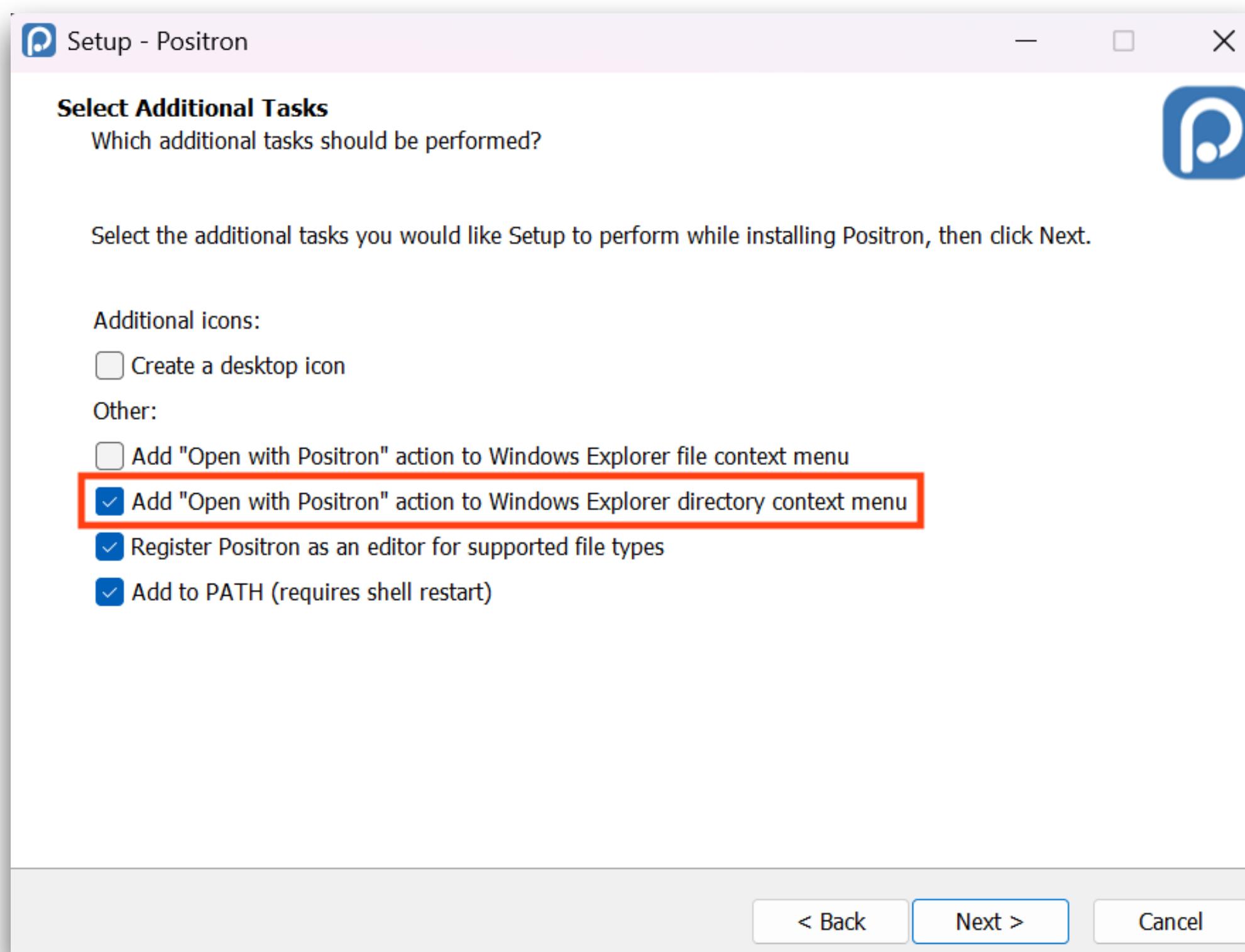




Launch Positron

Windows: Launch from File Explorer

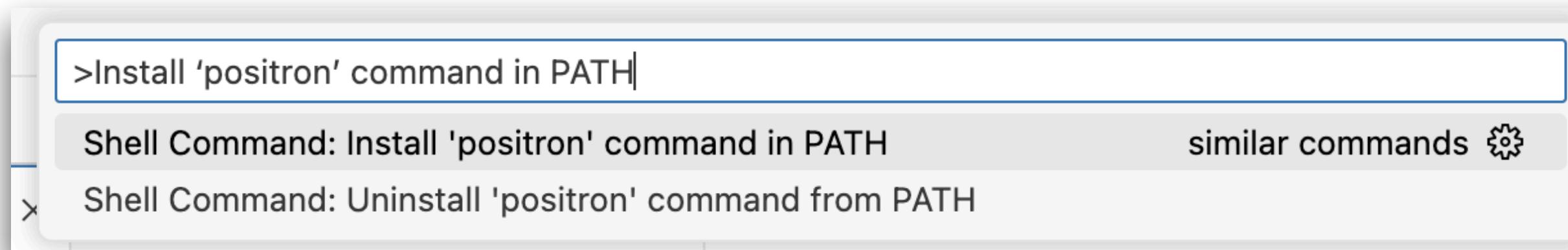
Setup: When installing Positron, enable context menu integration in Setup > Select Additional Tasks by checking the box to “Open with Positron”.



In File Explorer: Right-click on a folder and select “Open with Positron” from the context menu.

Mac OS: Launch from Finder (via Terminal)

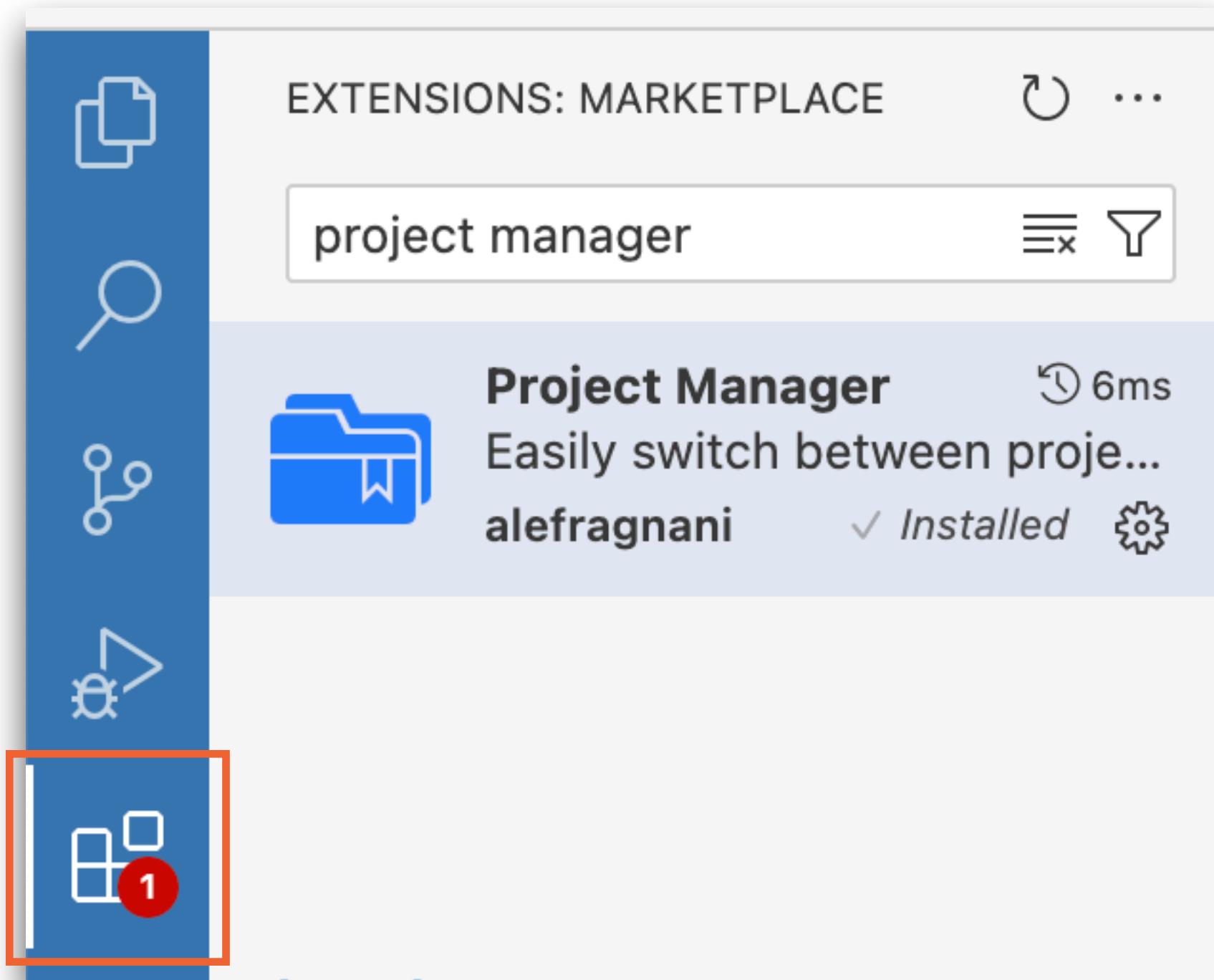
Setup: Add Positron to your `PATH` via the Command Palette by pressing Cmd+Shift+P to open the palette and typing *Install 'positron' command in PATH.*



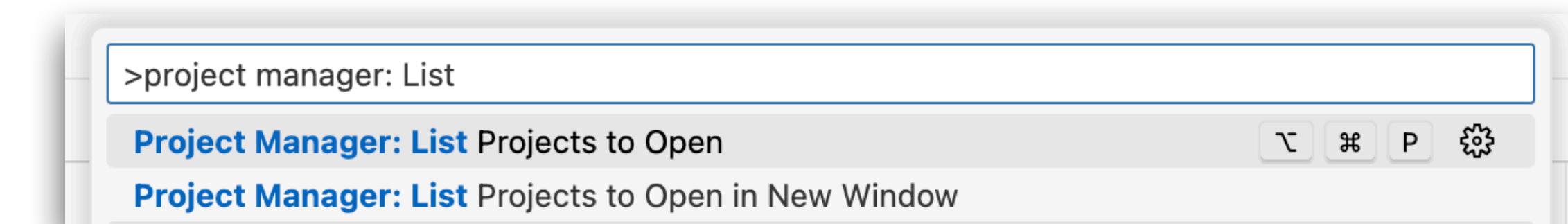
In Finder: Right-click on a folder and select “New Terminal at Folder” then, in the Terminal, type `positron .` to launch Positron.

Launch from the Project Manager extension

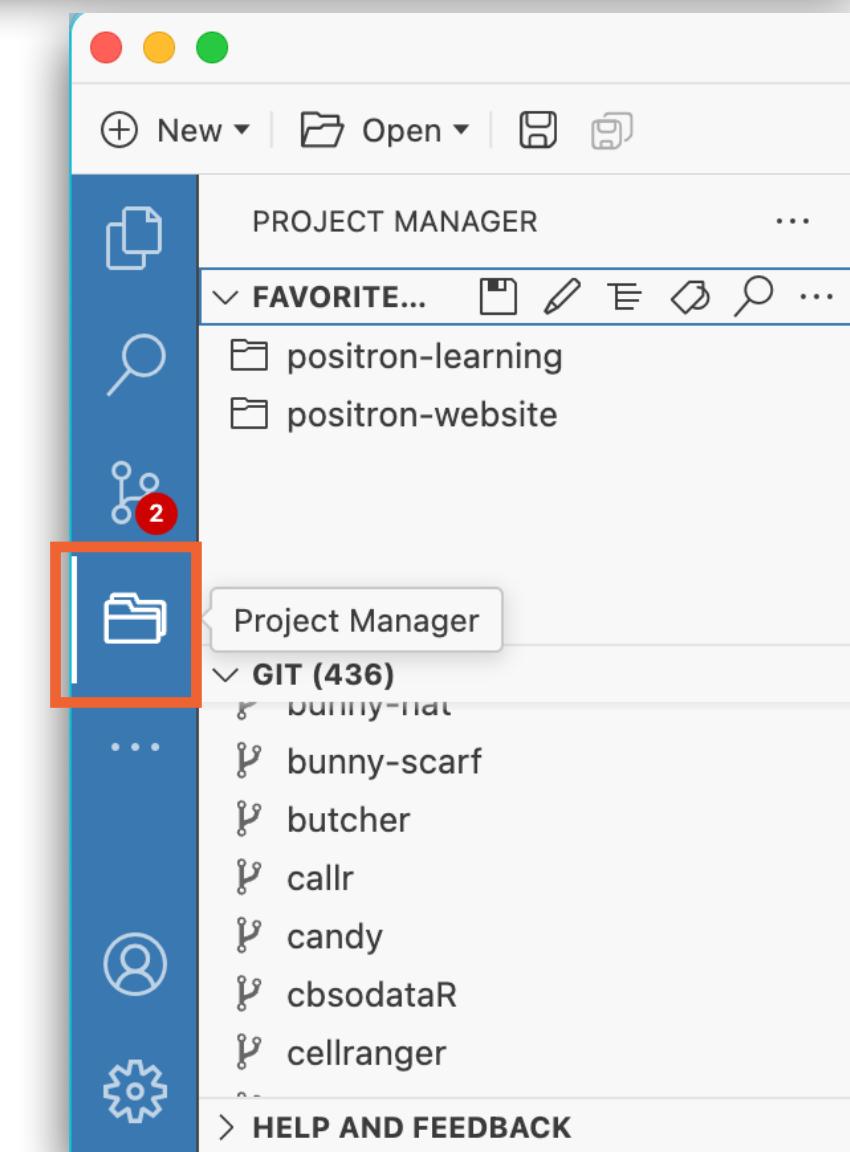
Setup: Install extension from Open VSX Registry.



In the Command Palette: Type *Project Manager*: List projects to open which gives you a you a nice searchable UI in the command palette.

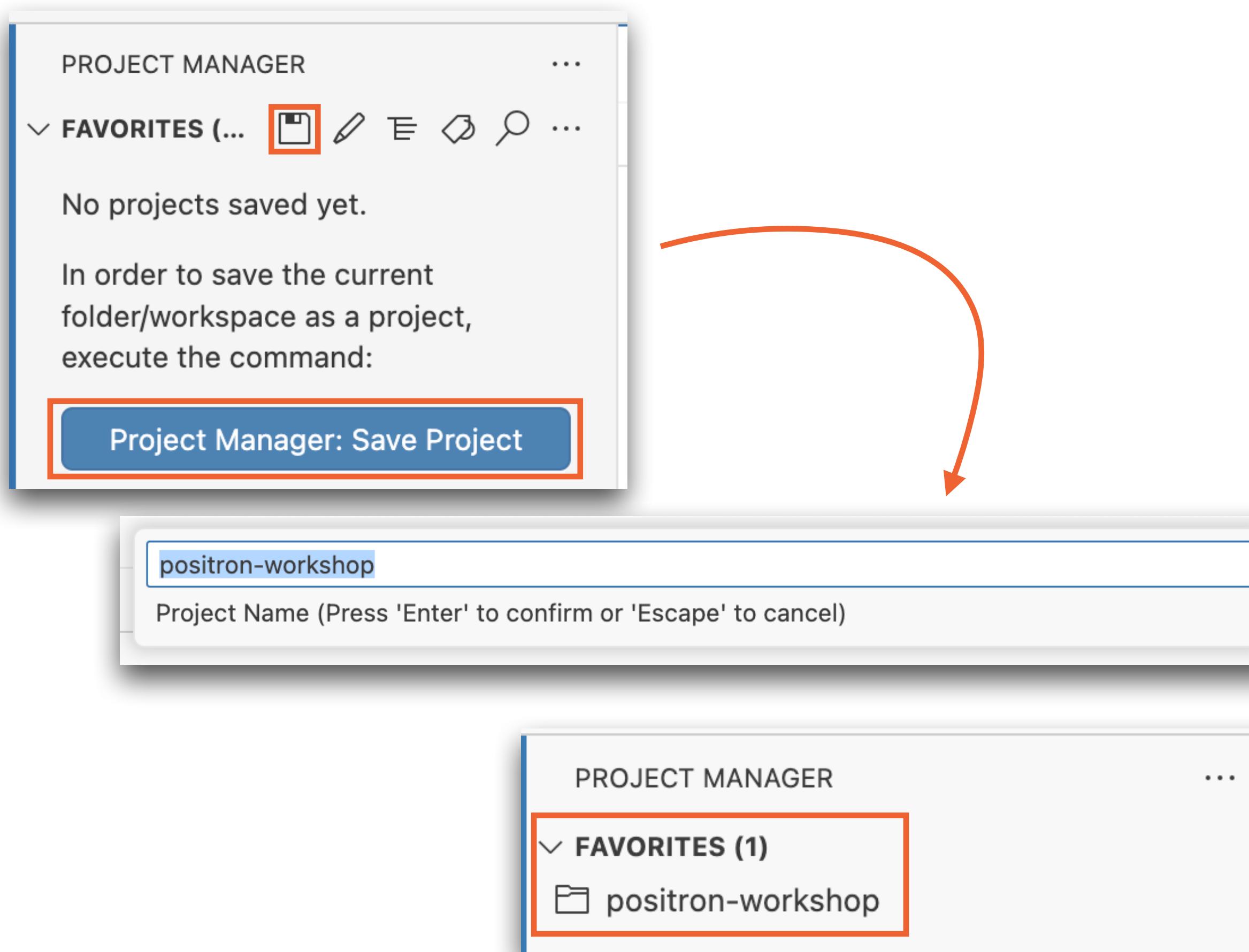


In the Activity Bar:
Click on extension icon.

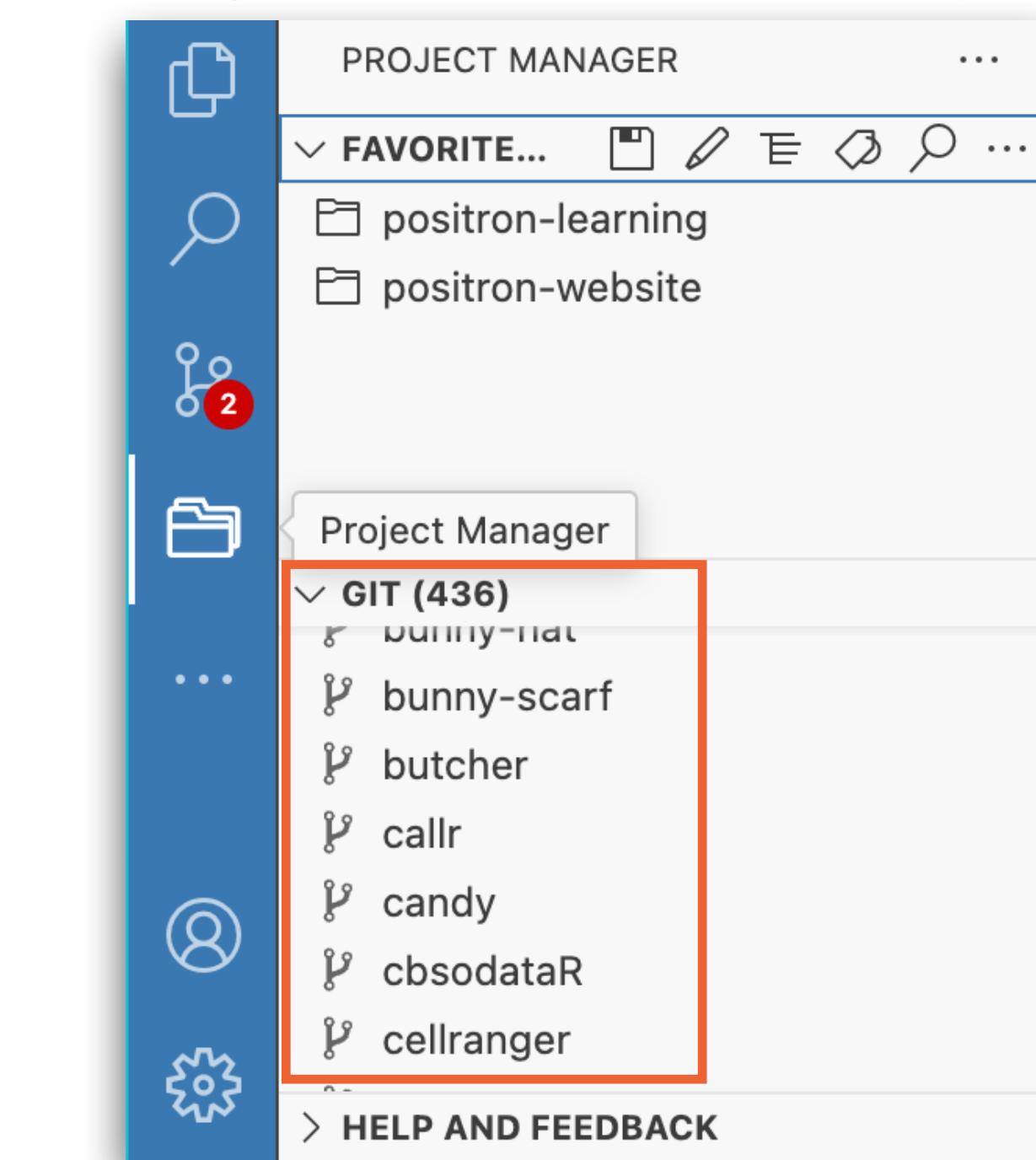


Making your folders known to Project Manager

Favorites: Explicitly save specific folders as favorites.



Git: Tell the extension about specific folders where you tend to keep Git repositories — any subfolder of these base folders that is also a Git repo is automatically treated as a project.



Learn more

Positron docs: Migrating from RStudio > The Rproj file

positron.posit.co/rstudio-rproj-file.html