

R Studio®

Using R + Python
together with
reticulate



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RStudio

Materials

<https://github.com/nrohr/reticulate-finance>

Questions? Email us: financial-services@rstudio.com

reticulate: R + Python interoperability

- Call Python from R (and vice-versa)
- Automatically translate objects between R and Python
- Edit Python files inside RStudio
- Use Python code in your R scripts, R Markdown files, and Shiny apps



<https://rstudio.github.io/reticulate/>



Our Mission

Create **free and open-source software** for data science, scientific research, and technical communication

- Allows anyone with access to a computer to participate freely in a data-centric global economy
- Enhances the production and consumption of knowledge
- Facilitates collaboration and reproducible research in science, education and industry.



Mission codified into our charter as a Public Benefits Corporation. Our corporate decisions must balance the best interests of community, customers, employees, and shareholders.

50%

We spend >50% of engineering resources on open-source software, lead contributions to over 250 open-source projects--including the RStudio IDE, Shiny and the tidyverse.

Sustainable investment

Adoption of our open-source at scale in organizations creates demand for our commercial software; that revenue enables deeper investment in our open-source software.



Interoperable



More resources

- [Reticulate Stocks app](#) (see [GitHub](#) for code)
- [More info about RStudio's work on Python](#)
- [Overview of Using Python with RStudio](#)
- [Configuring Python](#) (for admins)
- [TensorFlow for R](#)