

Julia Tutorial Set Up Instructions

No prior installation is required for this Intro to Julia tutorial, as you will have the option to run all workshop materials from remotely hosted Jupyter notebooks at JuliaBox.com. However, you may prefer to install and run Julia locally. We suggest you try out JuliaBox prior to the tutorial to decide which option is better for you!

JuliaBox

Prior to the tutorial, please go to JuliaBox.com and sign in with Google, LinkedIn, or Github. After choosing which account to log in with, you'll be prompted to provide some additional information. The environment will then load, and you'll see a "tutorials" directory. Materials used for SciPy 2018 are included in the "tutorials/intro-to-julia" subdirectory. You may choose to run (From the menu bar, go to "Cell -> Run All".) notebook "00. Jupyter_notebooks.ipynb" to see what operating in this environment looks like.

Local installation

Please install [Anaconda](#) and [Julia\(v0.6.3\)](#) at the provided links. Once Julia is installed, run `!Pkg.add("IJulia")` in a Julia REPL. After you've done this, you'll be able to open Jupyter notebooks and run Julia from within them! This installation process is described in [this ~5 minute video](#).

Once you have the ability to run Julia from within a Jupyter notebook, go to <https://github.com/JuliaComputing/JuliaBoxTutorials> and clone or download the repository. Within your local copy of the repository, enter the "intro-to-julia" directory and run (From the menu bar, go to "Cell -> Run All".) the "Local_installations.ipynb" notebook to install the packages we'll be using for the tutorial. (These are pre-installed for you on JuliaBox.)

Looking forward to seeing you on July 9th!