Demonstration for JuliaCon 2019

I create a demonstration for the ultimate datetime presentation I am doing and JuliaCon 2019. As the presentation time is limited (10 minutes) I wanted to speed the demonstration by avoiding typing. I created a self-running demo, that requires the entry of a carriage return to proceed from step to step.

The demo is contained in a file called “JuliaCon 2019 Demonstration.jl”. The program levers Julia’s ability to evaluate code interactively. To run the demo more efficiently (avoiding file copying and needing to enter the include statement), I created a batch file called JuliaDemo.bat. I store the file in the …\atom\bin directory, since it is already in the path.

The demo requires the UnicodePlots package. It is installed from a Julia repl via the following:

Using Pkg

Pkg.add(“UnicodePlots”)

To facilitate the demo, the size of the command prompt window was increased. To do this, open a command prompt window. Right-click in the title bar and select Properties. From the Layout tab, in the Wndow Size pane, change Width to 160, Height to 140. Then change Window position to 26,26. Right-click in the title bar, again, and select Default. Make the same changes. In order for the Defaults to take, may need to close all other open windows.

The batch file can be run by typing juliademo in the “Type here to search” window.