

Instructions to Install Julia and Jupyter (local version of JuliaBox)

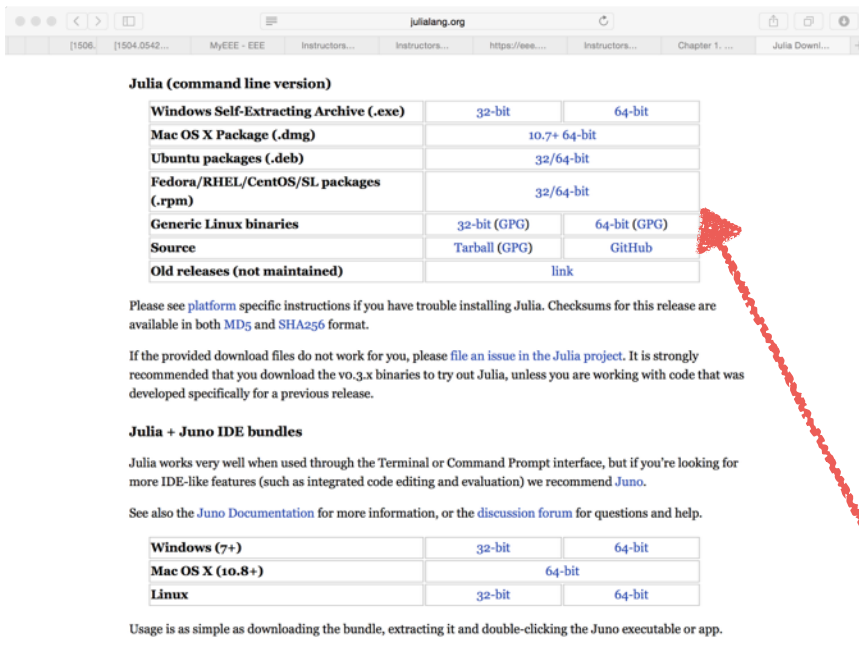
Go to <http://julialang.org/downloads/>



The screenshot shows the JuliaLang website homepage. At the top is the Julia logo. Below it are navigation links: [julia](#) | [source](#) | [downloads](#) | [docs](#) | [packages](#) | [blog](#) | [community](#) | [learning](#) | [teaching](#) | [publications](#) | [jsoc](#) | [juliacon](#). A section for **JuliaCon India 2015** is featured, with dates October 9th and 10th in Bangalore, and links for [tickets on sale now](#), [propose a talk](#), and [more information](#). The **Current Release (v0.3.11)** section follows, stating that three ways are provided to run Julia: in the terminal, using the Juno IDE, or via JuliaBox. It lists external plotting packages like PyPlot.jl and Gadfly.jl. A table for **Julia (command line version)** shows download links for Windows (.exe), Mac OS X (.dmg), and Linux binaries.

Windows Self-Extracting Archive (.exe)	32-bit	64-bit
Mac OS X Package (.dmg)	10.7+ 64-bit	

Scroll down until you find the correct file for your system



The screenshot shows the download page on the JuliaLang website. It features a table for **Julia (command line version)** with columns for 32-bit and 64-bit. A red arrow points to the 'Source' row, which lists 'Tarball (GPG)' and 'GitHub' links. Below the table, there is a note about platform-specific instructions and checksums, a recommendation to file an issue if downloads fail, and a section for **Julia + Juno IDE bundles**. A second table lists bundles for Windows (7+), Mac OS X (10.8+), and Linux.

Windows Self-Extracting Archive (.exe)	32-bit	64-bit
Mac OS X Package (.dmg)	10.7+ 64-bit	
Ubuntu packages (.deb)	32/64-bit	
Fedora/RHEL/CentOS/SL packages (.rpm)	32/64-bit	
Generic Linux binaries	32-bit (GPG)	64-bit (GPG)
Source	Tarball (GPG)	GitHub
Old releases (not maintained)	link	

Please see [platform](#) specific instructions if you have trouble installing Julia. Checksums for this release are available in both MD5 and SHA256 format.

If the provided download files do not work for you, please [file an issue in the Julia project](#). It is strongly recommended that you download the v0.3.x binaries to try out Julia, unless you are working with code that was developed specifically for a previous release.

Julia + Juno IDE bundles

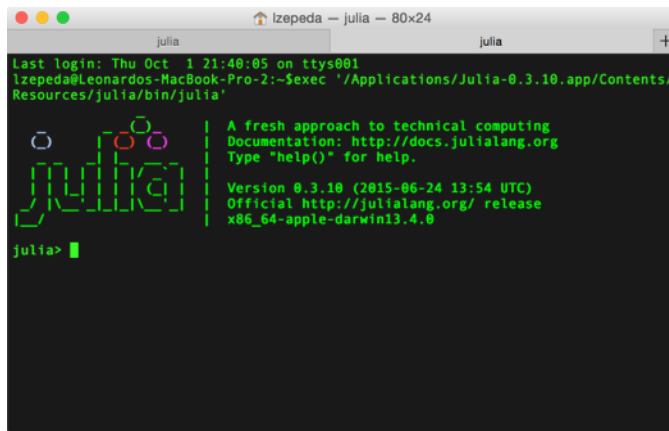
Julia works very well when used through the Terminal or Command Prompt interface, but if you're looking for more IDE-like features (such as integrated code editing and evaluation) we recommend Juno.

See also the [Juno Documentation](#) for more information, or the [discussion forum](#) for questions and help.

Windows (7+)	32-bit	64-bit
Mac OS X (10.8+)	64-bit	
Linux	32-bit	64-bit

Usage is as simple as downloading the bundle, extracting it and double-clicking the Juno executable or app.

Click to download it, and follow the instructions to install it on your system.
Once it is installed, click on the Julia icon, you will go to a terminal that looks like this one



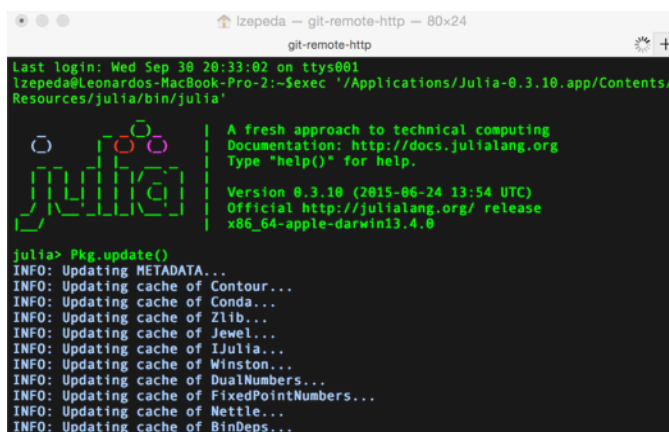
```
julia
Last login: Thu Oct 1 21:40:05 on ttys001
lzepeda@Leonardos-MacBook-Pro-2:~$exec '/Applications/Julia-0.3.10.app/Contents/
Resources/julia/bin/julia'

  A fresh approach to technical computing
  Documentation: http://docs.julialang.org
  Type "help()" for help.

  Version 0.3.10 (2015-06-24 13:54 UTC)
  Official http://julialang.org/ release
  x86_64-apple-darwin13.4.0

julia> █
```

type `Pkg.update()`, and press enter to be sure that you have the latest version of everything



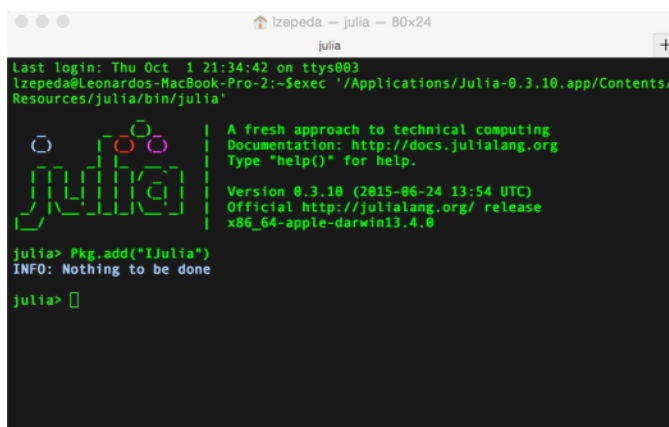
```
git-remote-http
Last login: Wed Sep 30 20:33:02 on ttys001
lzepeda@Leonardos-MacBook-Pro-2:~$exec '/Applications/Julia-0.3.10.app/Contents/
Resources/julia/bin/julia'

  A fresh approach to technical computing
  Documentation: http://docs.julialang.org
  Type "help()" for help.

  Version 0.3.10 (2015-06-24 13:54 UTC)
  Official http://julialang.org/ release
  x86_64-apple-darwin13.4.0

julia> Pkg.update()
INFO: Updating METADATA...
INFO: Updating cache of Contour...
INFO: Updating cache of Conda...
INFO: Updating cache of Zlib...
INFO: Updating cache of Jewel...
INFO: Updating cache of IJulia...
INFO: Updating cache of Winston...
INFO: Updating cache of DualNumbers...
INFO: Updating cache of FixedPointNumbers...
INFO: Updating cache of Nettle...
INFO: Updating cache of BinDeps...
```

Then type `Pkg.add("IJulia")` to add iJulia and all its dependencies to your julia installation. If you have already installed IJulia you would see something like the window below. Otherwise, it will sync to github, home-brew and anaconda to download and install any dependencies.



```
julia
Last login: Thu Oct 1 21:34:42 on ttys003
lzepeda@Leonardos-MacBook-Pro-2:~$exec '/Applications/Julia-0.3.10.app/Contents/
Resources/julia/bin/julia'

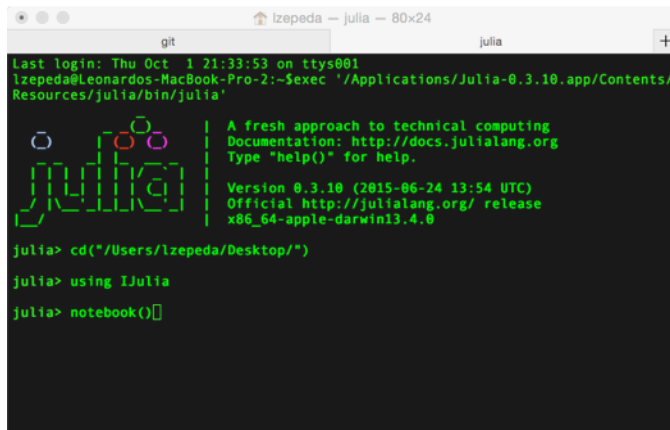
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  Type "help()" for help.

  Version 0.3.10 (2015-06-24 13:54 UTC)
  Official http://julialang.org/ release
  x86_64-apple-darwin13.4.0

julia> Pkg.add("IJulia")
INFO: Nothing to be done

julia> █
```

You need to add it only once. Now you should be ready to go, use the command `cd("PATH")` to go to the folder in which you have your python notebooks, then type `using IJulia`



```
git julia +
Last login: Thu Oct 1 21:33:53 on ttys001
lzepeda@Leonardos-MacBook-Pro-2:~$exec '/Applications/Julia-0.3.10.app/Contents/
Resources/julia/bin/julia'

  A fresh approach to technical computing
  Documentation: http://docs.julialang.org
  Type "help()" for help.

  Version 0.3.10 (2015-06-24 13:54 UTC)
  Official http://julialang.org/ release
  x86_64-apple-darwin13.4.0

julia> cd("~/Users/lzepeda/Desktop/")
julia> using IJulia
julia> notebook()
```

Finally type `notebook()` to access jupyter on your local machine.
If you have any compilation of installation problems send me an email.