

A Short and Incomplete Introduction to Julia

Part 7: Ending remarks

Riccardo Murri <riccardo.murri@uzh.ch>
S3IT: Services and Support for Science IT,
University of Zurich

There is more to Julia than this...

The time and scope of this course is quite limited.

Here is an (incomplete) list of Julia features that you might want to look up as you become more experienced in the language:

- ▶ Dicts, Sets, and other data structures
- ▶ Types and Multiple dispatch
- ▶ Interfaces
- ▶ Distributed and parallel programming
- ▶ Metaprogramming and macros
- ▶ ... and a thriving ecosystem of libraries!

Where to go now?

- ▶ **The Julia Express**,
http://bogumilkaminski.pl/files/julia_express.pdf
- ▶ **Think Julia**, <https://benlauwens.github.io/ThinkJulia.jl/latest/book.html>
- ▶ An Introduction to DataFrames,
<https://github.com/bkamins/Julia-DataFrames-Tutorial>
- ▶ Parallel Computing course on Julia Academy,
<https://juliaacademy.com/p/parallel-computing>

Material from this course

All the material from this course is online:

<http://github.com/riccardomurri/julia-intro-course/>

To run the notebooks and all the code from the course:

- ▶ Install **Julia** on your computer; supports Linux, MacOSX, Windows: <https://julialang.org/downloads/>
- ▶ Use **ElastiCluster** to build dedicated servers and clusters on the cloud:
<http://gc3-uzh-ch.github.io/elasticcluster>

“Mes Révérends Pères, mes Lettres n’avaient pas accoutumé de se suivre de si près, ni d’être si étendues. Le peu de temps que j’ai eu a été cause de l’un et de l’autre. Je n’ai fait celle-ci plus longue que parce que je n’ai pas eu le loisir de la faire plus courte.”

— Blaise Pascal,
Seizième lettre aux révérends pères jésuites

Thanks!

Now go write some Julia ;-)