Linux, Git and code parallelization

A tutorial

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Goals

- Understand how to use CIP to run code [5] [3]
- Understand how Git works and why it is useful [1]
- Learn a few techniques that could be useful [2] [4]

Sciebo folder

Figure 1: QR code for the (link: https://tinyurl.com/mlabtut, password: m-labtutorial)

Github.
Git-init.
https://github.com/git-guides/git-init.

Julia.
Parallel computing.
https://docs.julialang.org/en/v1/manual/parallel-computing/.

Linux.
The linux command line for beginners.
https://ubuntu.com/tutorials/command-line-for-beginners#1-overview.

📄 Python.
Thread-based parallelism.
https:
//docs.python.org/3/library/threading.html.

📄 RRZK Cologne University.
Virtual private network.
https://rrzk.uni-koeln.de/en/
internet-access-web/network-access/vpn.