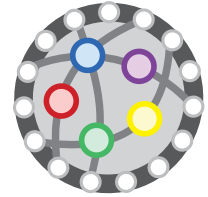## Before Starting

Get acquainted with the Command Line Interface. Search for a tutorial on command line interfaces in the OS you'll be using.

Installing Software

1. Install R from https://cran.rstudio.com/ and RStudio from https://www.rstudio.com/.
2. Install Anaconda from https://www.continuum.io/downloads and follow the instructions on https://docs.continuum.io/anaconda/r_language on how to install R packages in Anaconda.
3. Follow the instructions and links on https://docs.docker.com/engine/installation/ to install Docker. Run Docker and install the Jupyter Notebook Data Science Stack from https://github.com/jupyter/docker-stacks/tree/master/datascience-notebook .

Remember to update the conda packages after installing Anaconda (and whenever necessary):

```
conda update –all
```

Different versions of RStudio and Anaconda may cause library compatibility issues, make sure you have the latest versions and no older libraries installed.

Creating GitHub account and repository

1. Create a GitHub account at https://github.com/ .
2. Read the Hello World guide: https://guides.github.com/activities/hello-world/ .
3. Create a public repository with a README. Use a name related to this course!
4. Learn MarkDown, e.g. at https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet .
5. Edit that README to tell us about your project.
6. Send the link to that repository to the instructors (rafael.santos@inpe.br **and** gilberto.queiroz@inpe.br).