Lab1 Getting started with NP

Introduction to Human language Technology

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Feedback groups

- Schedule for Friday, September 4th:

  - 10:30: RMA1

  - 10:45: RMA2

  - 11:00: TM1

  - 11:15: TM2

  - 11:30: TM3

  - 11:45: TM4

  - Meeting with Rector

  - 13:15: TM5

  - On campus (Friday afternoon), personal zoom (Monday morning)

    - https://docs.google.com/spreadsheets/d/14oZQ7OSko9T89ByDFPNMqcclonFCLevL5jecQ-f8Kvc/edit#gid=0

Preparations

- Make sure you have administrator rights to install whatever you want

- Understanding the basics of the command line (windows) or terminal (mac, linux)

- Anaconda with Python 3.7 or higher

- Familiar with Jupyter notebooks or labs

- Useful:

    - Install Git: https://git-scm.com/book/en/v2/Getting-Started-Installing-Git

    - Use a "plain" text editor (not Word):

        - Windows: Notepad++

        - Mac/Linux: Atom

- Install all software in the same environment!!!

Getting the Lab notebooks

Check regularly for updates

- https://github.com/cltl/ma-hlt-labs
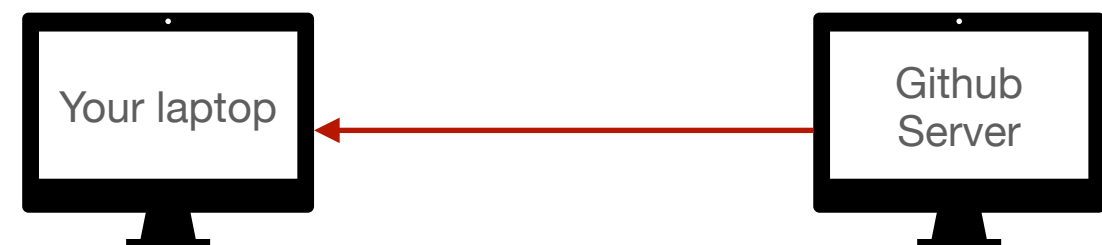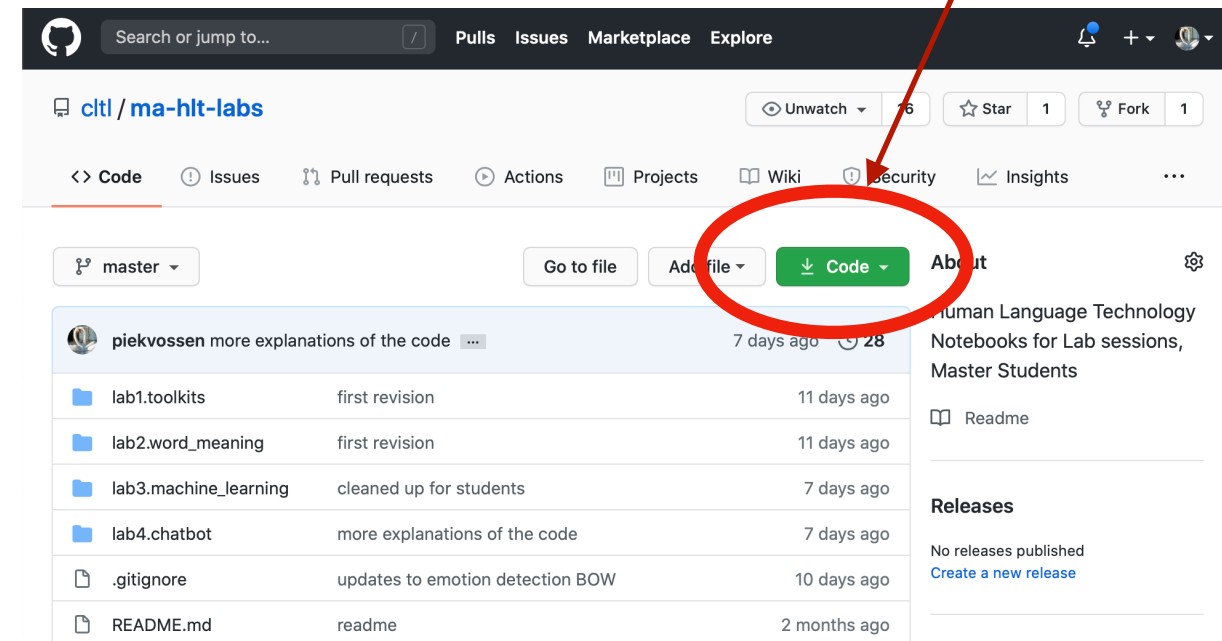
  - Git installed:

    - Clone with ssh:

    - > git clone git@github.com:cltl/ma-hlt-labs.git

  - No local Git installed:

    - Download ZIP file

Your laptop ← Github Server

- /Users/piek/Downloads/ma-hlt-labs/
  - lab1.toolkits
  - lab2.word_meaning
  - lab3.machine_learning
  - Lab4.chatbot
- ma-hlt-labs/
  - lab1.toolkits
  - lab2.word_meaning
  - lab3.machine_learning
  - Lab4.chatbot

Some Git

Only for those who use Git from command line

- At any moment in time you can check for updates on the server

  - Use "cd" to navigate to the directory with your local copy

  - This is a git directory (there is an invisible git flag with each file)

  - Type the command: >git pull

- WARNING:

  - You can change your local copy of the Git repository at much as you like but your local copy is no longer in sync

  - Git will see that there is a difference and refuse to perform "pull" to avoid that your local changes are destroyed

  - To keep your changes use "git clone" and create another directory for the latest version.

Installing software

Software packages and toolkits are installed from command line

- Instructions can be found on Canvas in the Basic Computer Skills

- Linux, Mac (Unix) users can launch a terminal

- Windows users can launch a command line window

  - https://docs.microsoft.com/en-us/windows/terminal/get-started (Links to an external site.)

- or

  - Simulate a unix/linux terminal on windows using Git-bash: https://www.atlassian.com/git/tutorials/git-bash

- In Jupyter notebooks you can also carry out commands in a cell by prefixing it with "%"

  - %ls -l

  - %pip install nltk

  - %mkdir test

  - %cd test

  - Etc…..