CLASS[1] Installation Guidelines

(ideally you would install the code before the lecture starts)

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[1] code developed together with Thomas Tram plus many others

Installation

Installation should be straightforward on Linux, and slightly tricky but still easy on Mac. We suggest to not even try on other OSs.
We recommend cloning the code from GitHub. The old-fashioned way, i.e. downloading a .tar.gz, also works.
In the ideal case you would just need to type in your terminal

```
> git clone http://github.com/lesgourg/class_public.git
    class
> cd class/
> make clean;make -j
```

and you would be done. To check whether the C code is correctly installed, you can type

```
> ./class explanatory.ini
```

which should run the code and write some output on the terminal. To check whether the python wrapper installation also worked, try

```
> python
>>> from classy import Class
>>>
```

and just check that python does not complain. If any of these steps does not work, please look at the detailed installation instructions at
https://github.com/lesgourg/class_public/wiki/Installation

Once the code is installed, where do I find documentation?

1. Basic information and links:
   - in the historical CLASS webpage `http://class-code.net`
   - in the online documentation page (from the previous page, or from `https://github.com/lesgourg/class_public/wiki`, clik on the link `online html documentation`), in the first two subsections:
     - CLASS: Cosmic Linear Anisotropy Solving System
     - Where to find information and documentation on CLASS?
     - CLASS overview (architecture, input/output, general principles)
2. More advanced:
   - several detailed courses at different levels on my course webpage `https://lesgourg.github.io/courses.html`, especially the courses from Narbonne and Tokyo; this Bootcamp lecture will be added there too.
   - full automatically-generated documentation (including dependence trees) on the `online html documentation`, in the last sections: Data Structures, Files.