

# 8th Workshop on Collaborative Scientific Software Development and Management of Open Source Scientific Packages



19 October - 17 December 2021  
An ICTP Virtual Meeting  
Trieste, Italy

Further information:  
<http://indico.ictp.it/event/9700/>  
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## Pre-workshop preparations

Make sure the following tools are installed and good to go on your computer before the beginning of the workshop. Also, check if you can join the workshop Slack channel through this [link](#). We have planned a pre-session on Monday afternoon (October 18) for those who require assistance and support. Details for the zoom sessions will be sent in a later e-mail.

If your computer is set up correctly, you will be able to implement the solution to this [problem](#) in Python3 and print the output on the terminal.

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### 1. Terminal:

**MacOS & Linux** are already shipped with a terminal.  
**Windows** users can find installation instructions [here](#).

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### 2. Python 3

**MacOS & Linux** are usually shipped with Python 2. Go to [python.org](http://python.org) to download the latest compatible version of the Python 3

**Windows** users can go to [python.org](http://python.org) to download the latest compatible version of the Python 3. This [documentation](#) will help you install Python and [launch it](#) on windows

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### 3. Git (Client)

**MacO:** Run

```
$ git --version
```

In the terminal. If it is not installed it will prompt you for an installation.

**Linux:** On Fedora (or any closely-related RPM-based distribution, such as RHEL or CentOS) run:

```
$ sudo dnf install git-all
```

On a Debian-based distribution, such as Ubuntu run:

```
$ sudo apt install git-all
```

**Windows:** install git bash for windows from [here](#).

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### 4. IDE/Editor

**Windows, Linux, MacOS:** Any IDE that you feel comfortable with: PyCharm, Spyder, Jupyter, etc