# Logistics for the EuroPython 2016
## Ipython-in-depth tutorial

Based on the *official tutorial*

Monday 18th July, Room E - 2:15 PM, Bilbao ;-)

# We will break for half an hour at 3:30 PM (Conference break)

we will still be available to help on the exercises

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# Setup-1: Open the tutorial page

## Open the tutorial page on github

- github.com/mjbright/ipython-in-depth

## Open this document

- *EuroPython2016-Logistics.ipynb*

# Setup-2: Gitter channel

During the session you are encouraged to ask, and answer questions on the *Gitter Channel* here:

- *https://gitter.im/mjbright/ipython-in-depth*.

**Please connect to the Gitter Channel**

It is hoped that you can *help each other*.

You are welcome - *and encouraged* - to provide feedback after the session on this channel.

# Setup-3: Download the tutorial repository

Either perform a git clone

- git clone https://github.com/mjbright/ipython-in-depth

or download the zip file

- on command-line, wget https://github.com/mjbright/ipython-in-depth/archive/master.zip

or download a zip file from the github page (following page) or from this link to master.zip

Then unzip the file

# Setup-4: Download the tutorial repository using the Browser
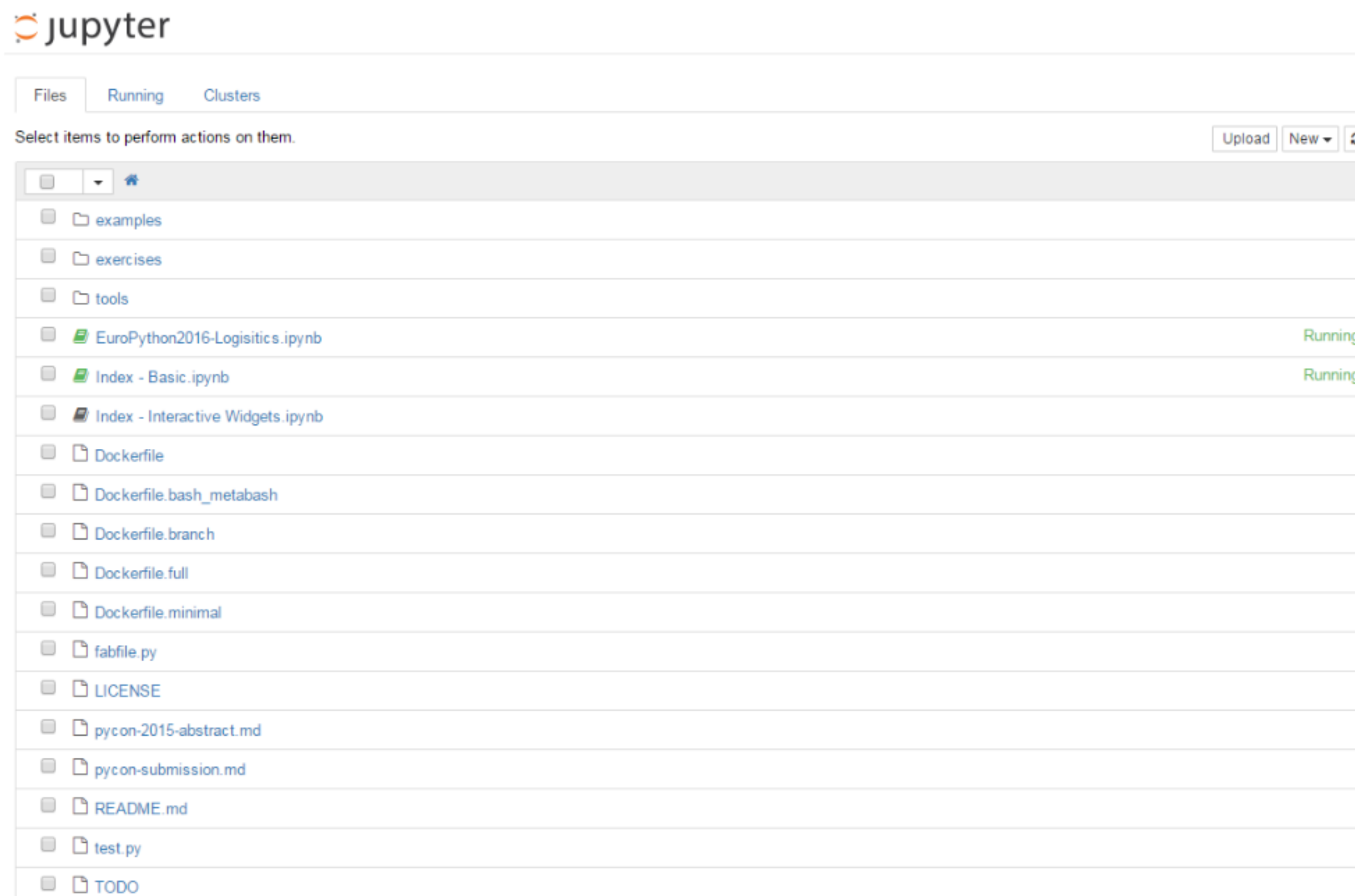
select "Clone or Ownload" then "Download ZIP"

# Setup-5: Jupyter Installation

A quick installation check

- We recommend to install the Anaconda Python distribution
- USB keys are available
  - signup on the Anaconda Download page
- Launch the notebook using the **jupyter notebook** command
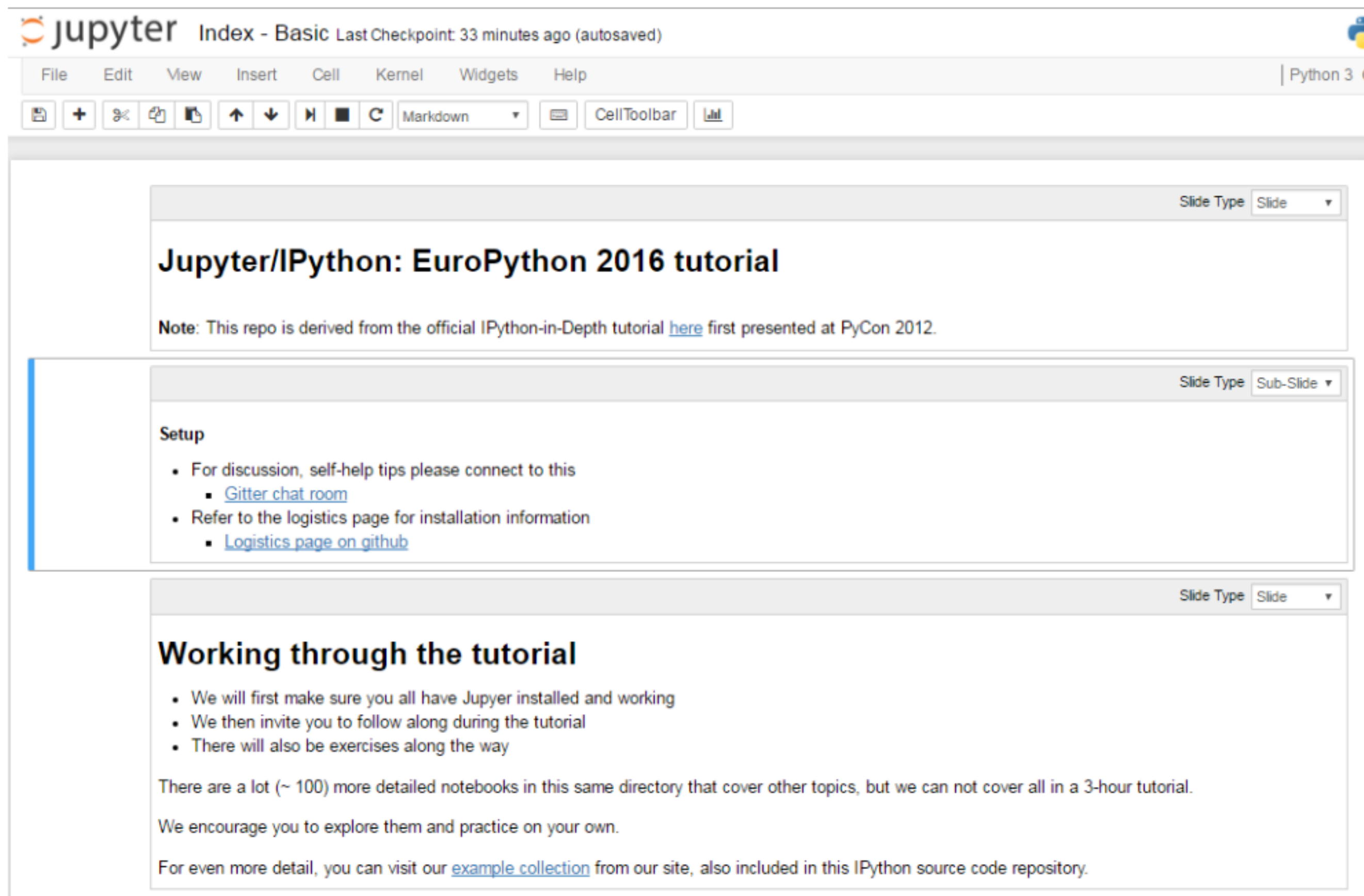- Open the *dashboard* by pointing your browser at
  - http://localhost:8888

# Setup-6: Jupyter Installation-2

- If you see this in your Browser you're good to go !

- If not please ask for help

# Start: open the *Index - Basic.ipynb* notebook

jupyter  Index - Basic  Last Checkpoint: 33 minutes ago (autosaved)

File   Edit   View   Insert   Cell   Kernel   Widgets   Help      | Python 3

Markdown      CellToolbar

Slide Type  Slide

## Jupyter/IPython: EuroPython 2016 tutorial

**Note**: This repo is derived from the official IPython-in-Depth tutorial here first presented at PyCon 2012.

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### Setup

- For discussion, self-help tips please connect to this
  - Gitter chat room
- Refer to the logistics page for installation information
  - Logistics page on github

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## Working through the tutorial

- We will first make sure you all have Jupyer installed and working
- We then invite you to follow along during the tutorial
- There will also be exercises along the way

There are a lot (~ 100) more detailed notebooks in this same directory that cover other topics, but we can not cover all in a 3-hour tutorial.

We encourage you to explore them and practice on your own.

For even more detail, you can visit our example collection from our site, also included in this IPython source code repository.