TEAM

jupyter

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# Jupyter Notebook

Untitled Last Checkpoint: in 5 months (autosaved)

File    Edit    View    Insert    Cell    Kernel    Widgets    Help

Connecting to kernel | Python 2

Code    CellToolbar
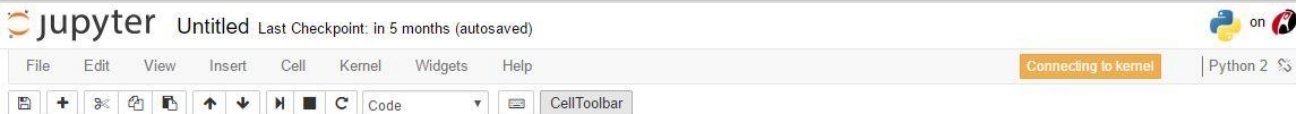
```python
In [*]: # Import the modules
        import sys
        import random

        print "Ask the magic 8 ball a question.\n"

        while True:
            question = raw_input()

            answer = random.randint(0,7)

            future = ["It is certain","Outlook good", "You may rely on it", "Ask again later", "Concentrate and ask again",\
                    "Reply hazy, try again", "My reply is no", "My sources say no"]

            print "\t" + future[answer] + "\n"
```
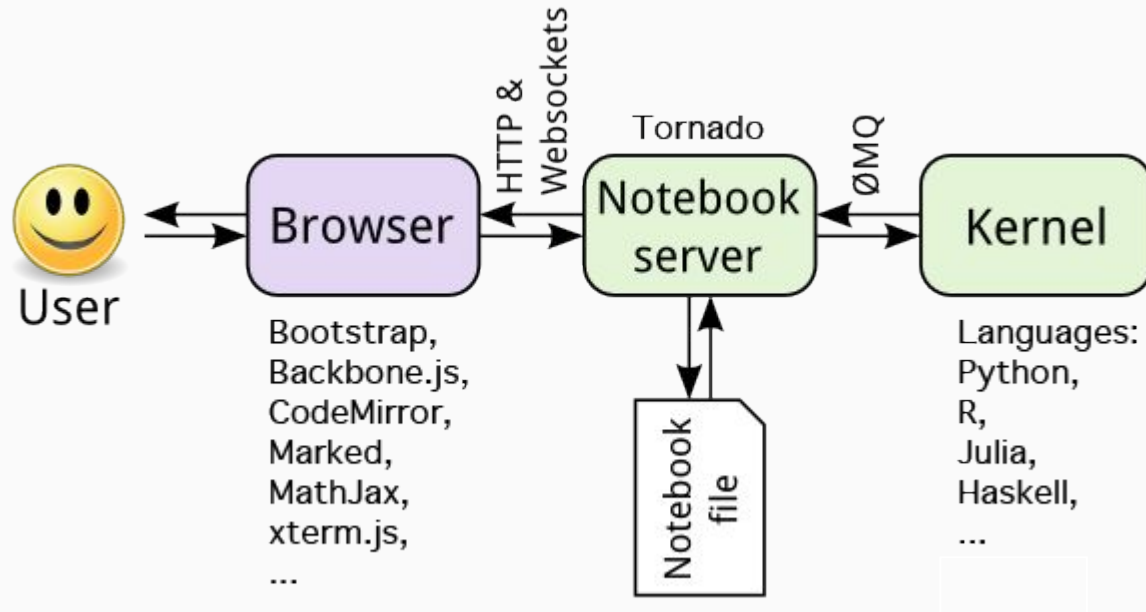
Ask the magic 8 ball a question.

Should I finish the testing in the next release?
        Reply hazy, try again

Should I finish the testing in the next release?
        My sources say no

# Architecture

# The Big Split



Notebook
Jupyter_console
...

IPywidgets
IPyparallel
...

# Contributions



- Incorrect LaTeX capturing and MathJax rendering ✔✔

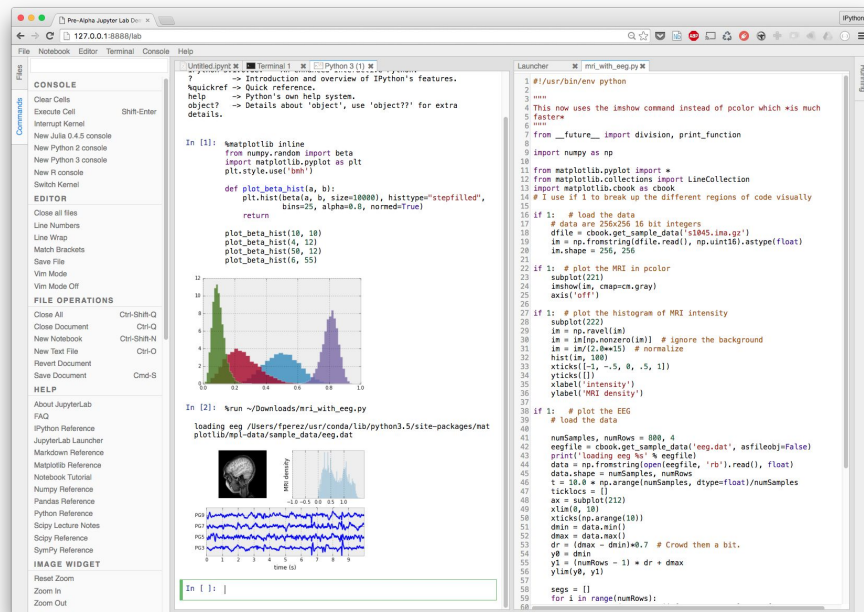- Incorrect markdown highlighting ✔✔

# Contributions

- Non-compliance to code style ✗

- Hard-coded variables ✔

- Use of deprecated method ✔

- Duplicate code for sorting ✔

- Increase test coverage ✔

# Future



**JupyterLab**

- Next generation of the Jupyter Notebook
- Flexible UI, can assemble it using blocks to fit specific needs
- Modernized Javascript architecture
- Still in *early preview phase*

# We would like your opinion ...

Have you used Jupyter notebook?

If so, what do you think can be improved?