

# IPYTHON

## TIPS & TRICKS

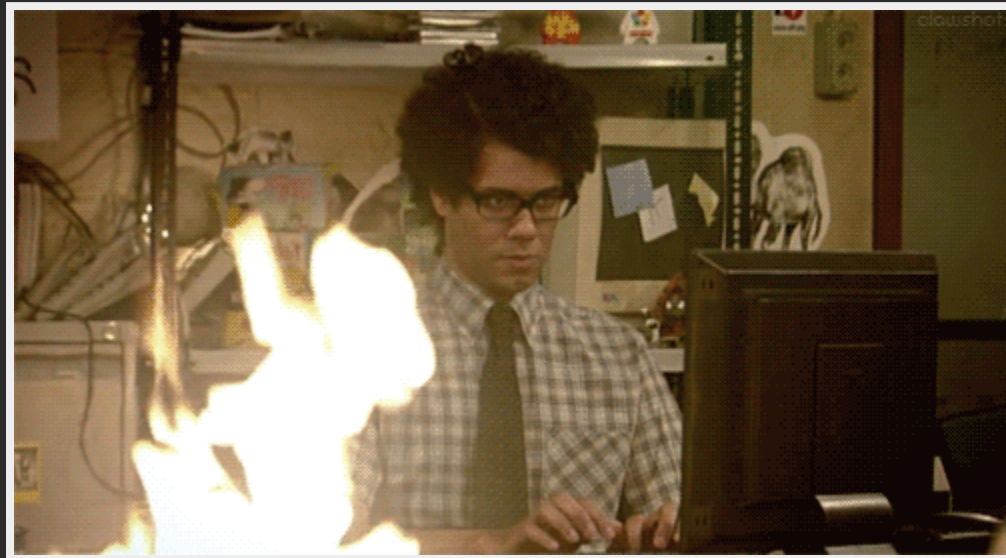
Created by [Sebastian Witowski](#)

# 2 KINDS OF PYTHONISTAS

```
switowsk at switowsk-Latitude-E7440 in ~  
$ python  
Python 2.6.6 (r266:84292, Oct 9 2015, 12:56:09)  
[GCC 4.8.4] on linux3  
Type "help", "copyright", "credits" or "license" for more  
information.  
>>> █
```

```
switowsk at switowsk-Latitude-E7440 in ~  
$ ipython  
Python 2.7.6 (default, Jun 22 2015, 17:58:13)  
Type "copyright", "credits" or "license" for more information.  
  
IPython 1.2.1 -- An enhanced Interactive Python.  
?          -> Introduction and overview of IPython's features.  
%quickref  -> Quick reference.  
help       -> Python's own help system.  
object?    -> Details about 'object', use 'object??' for extra details.  
  
In [1]: █
```

# LIVE DEMO #1



%MAGIC



# %EDIT

```
def hello(name):  
    print 'Hello', name '!'
```

# %DEBUG

```
def hello(name):  
    print 'Hello', name, '!'  
    print number + 42
```

# %CPASTE

```
def hello(name):  
    print 'Hello', name, '!'  
    print number + 42  
number = 0
```





## Shell commands:

```
ls
```

```
pwd
```

```
cd ..
```

```
!ping www.google.com
```

## Debugging your code with IPython:

```
some code  
import IPython; IPython.embed()  
some other code that fails
```

# SUMMARY

- Tab completion
- Easy access to documentation with ? and ??
- %magic function
- Shell commands
- Debugging

## WHERE CAN I GET IT ?

<http://ipython.org/install.html>

# QUESTIONS ?

