

Command Line Options

ipython	Open IPython terminal console
ipython qtconsole	Open IPython qtconsole
ipython notebook	Open IPython Notebook (browser interface)
ipython notebook --pylab inline	Open IPython Notebook with inline graphs

Inspection

obj?, obj??	Get help, or more help for object
?obj, ??	Same as above
obj	
?foo.abc	List names in 'foo' containing 'abc' in them.
%magic	Information about magic functions
%quickref	Print quick guide to relevant IPython (console, notebook, qtconsole)

Shortcuts

Tab	Code and path completion. Second TAB allows cycling through options.
Ctrl + Enter	Allows entering multiple statements (Cell mode)
[qtconsole]	
Shift + Enter	Executes current cell
Ctrl + R	Reverser history search (All [shell] readline shortcuts are supported)

Notebook Magics

%%java-script	Run code below as javascript
%%html	Display markup below as html

Executing Code

%time or %%time	Run and output time statement or block (first line for block is setup)
%prun	Profile statement or block
%%prun	
%run	Run a file and import resulting variables into namespace
%%script <executable>	Run code below using <executable>. --bg runs code in background and returns Popen object
%%ruby, %%perl, %%bash	Shortcuts for %%script <ruby perl bash>
!<cmd>	Run shell command and return output
%sh <cmd>, !!<cmd>	Run command and capture output as a list of lines
%%capture	Run code in cell and capture stderr and stdout

File System Magics

cd, ls, mkdir	Aliases for python commands with the same functionality
%bookmark	Name current folder. Note that cd <bookmark> will work.
%dhist, _dh	Display directory history
%pushd, %popd	Save Restore current directory
%pycat	Display python source with syntax highlighting
%%writefile	Write the text below to a file

Console and Output Magics

%logstart, %logstop	Start Stop saving commands into a file (by default IPython-n.py)
%less	Run command output through pager
%pprint	Toggle automatic pretty printing
%history	Output command history
%recall <num>	Re executed command #num from history
%tb	Print latest Traceback
%alias	Name statements for later use.
_	Get result of last statement. Use _i, _ii, _iii to get back in history. Use _<num> for going back to a result of a specific line in history.

