

# IP[y]: Notebook

## Cheat Sheet

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### iPython notebook

\$ ipython notebook

#### General

help: access to docstrings and Python manuals  
%magic: information on the 'magic' subsystem  
%alias: system command aliases

#### Magics

The magic function system provides a series of functions which allow you to control the behavior of IPython itself, plus a lot of system-type features.

#### General

##### Keyboard shortcuts

#### General

Tab: completion in the local namespace  
Ctrl-m s: save notebook  
Ctrl-m h: show keyboard shortcuts  
Ctrl-m l: toggle line numbers  
Ctrl-r: search history for lines that match what is typed

#### Editing

Ctrl-m x: cut cell  
Ctrl-m c: copy cell  
Ctrl-m v: paste cell  
Ctrl-m d: delete cell  
Ctrl-m z: undo last cell deletion

#### Cell management

Ctrl-m -: split cell  
Ctrl-m a: insert cell above ↑  
Ctrl-m b: insert cell below ↓  
Ctrl-m k: move cell up ↑  
Ctrl-m j: move cell down ↓  
Ctrl-m p: select previous ↑  
Ctrl-m n: select next ↓

#### Cell formatting

Ctrl-m y: code cell  
Ctrl-m m: markdown cell  
Ctrl-m t: raw cell  
Ctrl-m 1-6: heading 1-6 cell

#### Execution control

Shift-Enter: run cell  
Ctrl-Enter: run cell in-place  
Alt-Enter: run cell, insert below  
Ctrl-m i: interrupt kernel  
Ctrl-m .: restart kernel  
Ctrl-m o: toggle output  
Ctrl-m O: toggle output scroll

### Section 3

Etc.

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