

Matplotlib

A Python 2D plotting library

Optional Add-ons

Toolkits

mplot3d
axes-grid1
axes artist
API

3rd Party Packages

mapping x 2
declarative libraries x 2
specialty plots x 9
interactivity x 2
miscellaneous x 2

Implementation

- **Where to use?**

Python scripts, the Python and IPython shell,
the jupyter notebook, web application servers, and four
graphical user interface toolkits

- **How to use?**

Simple plotting: pyplot module, IPython
Power user: via an object oriented interface / via a set of
functions familiar to MATLAB users

Plots

24 sample plots

Line plot, Multiple subplots in one
figure, Images, Contouring and
pseudocolor, Histograms, Paths...

Gallery

Line plot, Multiple subplots in one
figure, Images, Contouring and
pseudocolor, Histograms, Paths...

in hardcopy formats
& interactive environments across platforms