การติดตั้ง NumPy และ Matplotlib

เข้าไปที่ www.numpy.org

ดลิก Getting Numpy

Scipy.org

NumPy

NumPy is the fundamental package for scientific computing with Python. It contains among other things:

- a powerful N-dimensional array object
- sophisticated (broadcasting) functions
- tools for integrating C/C++ and Fortran code
- useful linear algebra, Fourier transform, and random number capabilities

Besides its obvious scientific uses, NumPy can also be used as an efficient multi-dimensional container of generic data. Arbitrary data-types can be defined. This allows NumPy to seamlessly and speedily integrate with a wide variety of databases.

Numpy is licensed under the BSD license, enabling reuse with few restrictions.

Getting Started

Getting Numpy

- Installing the SciPy Stack
- NumPy and SciPy documentation page
- NumPy Tutorial
- NumPy for MATLAB© Users

About Numpy License

Old array packages

คลิกไปที่ SourceForge site for NumPy

Official Source and Binary Releases

For each official release of NumPy and SciPy, we provide source code (tarball) as well as binary packages for several major platforms. Binary packages for other platforms may be available from your operating system vendor.

Project	Available packages	Download location
NumPy	Official <i>source code</i> (all platforms) and <i>binaries</i> for Windows & Mac OS X	SourceForge site for NumPy
SciPy	Official <i>source code</i> (all platforms) and <i>binaries</i> for Windows & Mac OS X	SourceForge site for SciPy
Build instruct	ions are available for <i>Linux, Windows</i> and <i>Mac OSX</i> .	

เลือก NumPy จากนั้นเลือก version 1.9.2

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Numerical Python A package for scientific computing with Python

A package for scientific computing with Python Brought to you by: charris208, jarrodmillman, kern, rgommers, teoliphant

Summary Files Reviews Support Wiki Mailing Lists

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numpy-1.9.2

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ติดตั้ง NumPy เสร็จสิ้น



เข้าไปที่ www.matplotlib.org

หัวข้อ Download คลิกที่ matplotlib downloads page

home | examples | gallery | pyplot | docs »

Introduction

matplotlib is a python 2D plotting library which produces publication quality figures in a variety of hardcopy formats and interactive environments across platforms. matplotlib can be used in python scripts, the python and ipython shell (ala MATLAB[®]) or Mathematica^{®†}), web application servers, and six graphical user interface toolkits.



matplotlib tries to make easy things easy and hard things possible. You can generate plots, histograms, power spectra, bar charts, errorcharts, scatterplots, etc, with just a few lines of code. For a sampling, see the screenshots, thumbnail gallery, and examples directory

For simple plotting the pyplot interface provides a MATLAB-like interface, particularly when combined with IPython. For the power user, you have full control of line styles, font properties, axes properties, etc, via an object oriented interface or via a set of functions familiar to MATLAB users.

Download



Documentation

This is the documentation for matplotlib version 1.4.3.

Other versions are available:

• 1.5.dev1 Latest git master (unstable)

John Hunter (1968-2012)



On August 28 2012, John D. Hunter, the creator of matplotlib, died from complications arising from cancer treatment, after a brief but intense battle with this terrible illness. John is survived by his wife Miniam, his three daughters Rahel, Ava and Clara, his sisters Layne and Mary, and his mother Sarah.

If you have benefited from John's many contributions, please say thanks in the way that would matter most to him. Please consider making a donation to the John Hunter Memorial

เลือก Download ให้ตรงกับรุ่นของ Windows และ Python

Downloads

1.4.3 — Latest stable version

Source

matplotlib-1.4.3.tar.gz

Windows

- matplotlib-1.4.3-cp26-none-win32.whl
- matplotlib-1.4.3-cp26-none-win_amd64.whl
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 พิจารณาว่า Windows ที่ใช้งาน เป็น 32 bit หรือ 64 bit



Windows edition	
Windows 8 Pro	
© 2012 Microsoft Corporat reserved.	ion. All rights WINDOWS®
System	
Rating:	5.1 Windows Experience Index
Processor:	Intel(R) Core(TM) i5-3470S CPU @ 2.90GHz 2.90 GHz
Installed memory (RAM):	4.00 GB (3.41 GB usable)
System type:	32-bit Operating System, x64-based processor
Pen and Touch:	No Pen or Touch Input is available for this Display
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