

How to install Anaconda (2-5.0.1)

On Mac & Windows

01/19/2022

www.wklytics.com/nmgi



– Outline

Goal: install specific version of python for nmgi analytics tools

Platform: windows/Linux is preferred for reliability of graphical interface.
Mac may have (potential) updates that will break python or graphics

Tutorial:

- install on Mac (most complicated)
- Install on Windows (from win xp/7/10)
- Install on Linux (omitted here, search online)

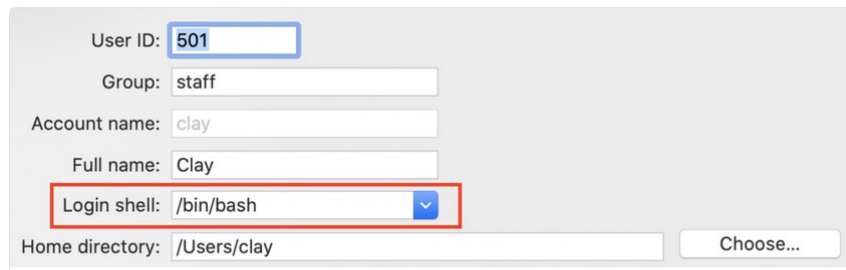
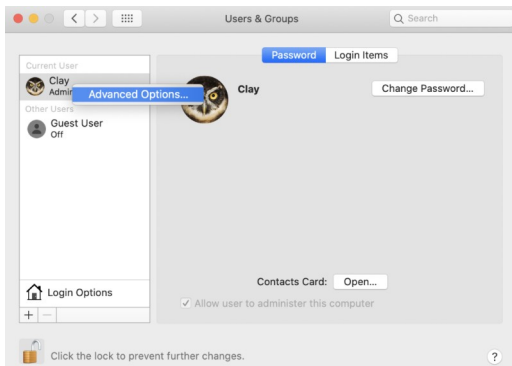
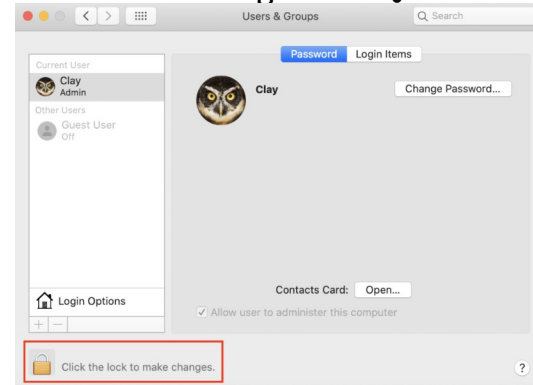
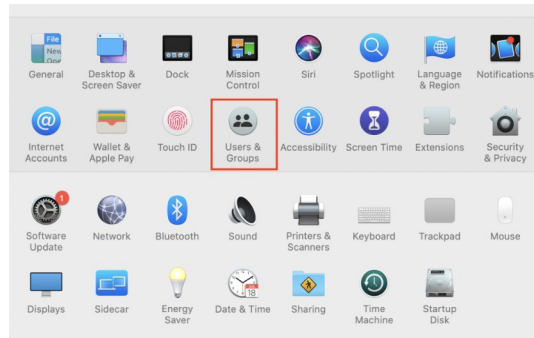
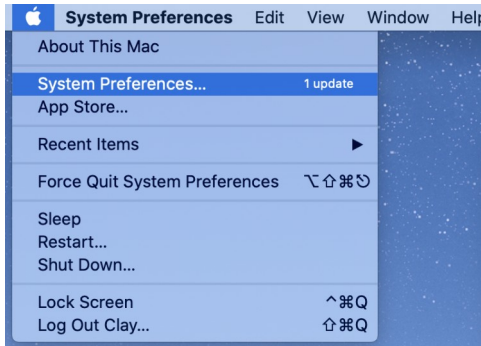
– Install on Mac: step 0, pre-setup

Goal: fix the ‘terminal bash’ issue after new mac os update

- Reference: change zsh to bash (<https://clay-atlas.com/us/blog/2020/12/05/mac-os-en-swith-shell-script-language-zsh-bash/>)

Use the system preferences to change the scripting language

- click apple icon in the upper right corner > System Preferences > Users & Groups > Click the lock to make changes > Right click on the account > Advances Options > switch login shell .



This way can also switch the default scripting language.

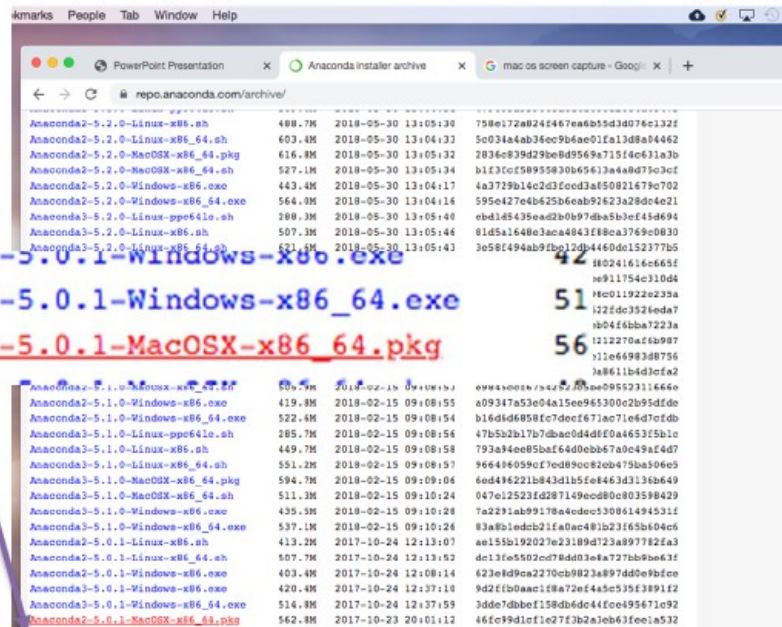
The above is a simple tutorial about how to change **zsh** to **bash** in terminal on Mac OS.

– Install on Mac: step 1, download & install Anaconda

- Download from wklytics.com (https://www.wklytics.com/nmgi/public/Anaconda2-5.0.1-MacOSX-x86_64.pkg)
- Or download from official Anaconda website (<https://repo.anaconda.com/archive/>)

Notice, download the specified version as below.

Download this
version

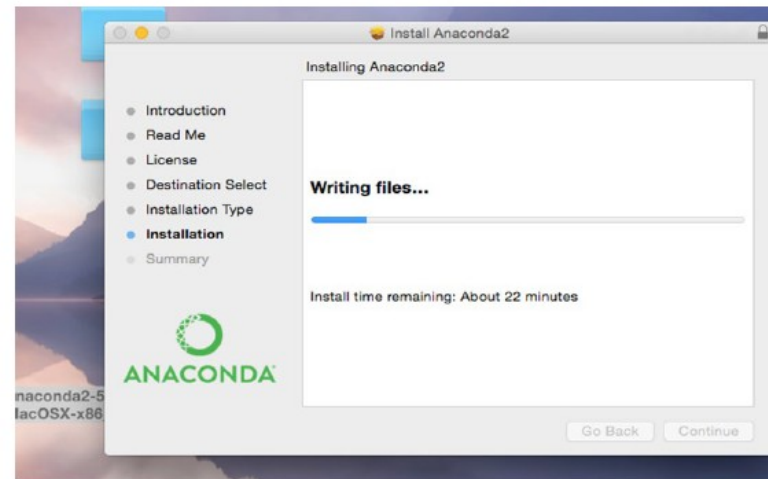
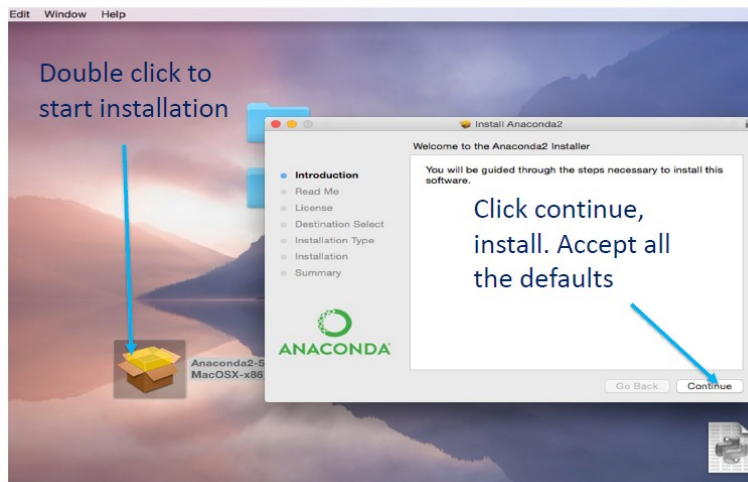


The screenshot shows a web browser window displaying the Anaconda installer archive page. The page lists various Anaconda installers for different operating systems and architectures. The following table represents the data visible in the screenshot:

Filename	Size	Time	Hash
Anaconda2-5.2.0-Linux-x86_64.sh	488.7M	2018-09-30 13:05:18	758e172a824f467eab55d3d076c132f
Anaconda2-5.2.0-Linux-x86_64.sh	603.4M	2018-05-30 13:04:13	5c034e4ab36ec9b6ae01fa13d8a4462
Anaconda2-5.2.0-MacOSX-x86_64.pkg	616.8M	2018-05-30 13:05:12	2834e639429be8d9569a7154c631a3b
Anaconda2-5.2.0-MacOSX-x86_64.sh	527.1M	2018-05-30 13:05:14	b1c3c0f58955830b65613a4a8073c3f
Anaconda2-5.2.0-Windows-x86.exe	443.4M	2018-05-30 13:04:17	4a3729b14c2d3fced3af50821679e702
Anaconda2-5.2.0-Windows-x86_64.exe	564.0M	2018-05-30 13:04:14	595e427e4b625b6eab92623a28dc4e21
Anaconda3-5.2.0-Linux-ppc64le.sh	388.3M	2018-05-30 13:05:40	ebd48435ead2b0b97d8a53e4f45694
Anaconda3-5.2.0-Linux-x86.sh	507.3M	2018-05-30 13:05:44	81d5a16483aca4843f88ca3769c0830
Anaconda3-5.2.0-Linux-x86_64.sh	621.5M	2018-05-30 13:05:43	3e58f494ab9fbb12db4460de152377b5
Anaconda3-5.0.1-Windows-x86.exe	42		8e0241616ce65f
Anaconda3-5.0.1-Windows-x86_64.exe	51		8e011922e233a
Anaconda2-5.0.1-MacOSX-x86_64.pkg	56		122f0a6b907
			11e66983d8756
			8a8611b4d3cfa2
Anaconda2-5.1.0-Linux-x86_64.sh	605.9M	2018-02-15 09:08:53	09f4a00eb73422080e09552311666e
Anaconda2-5.1.0-Windows-x86.exe	419.8M	2018-02-15 09:08:55	a09347a53e04a15ee965300e2b95fdde
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Anaconda3-5.1.0-Windows-x86.exe	435.5M	2018-02-15 09:10:28	7a2231ab99179a4edec530861494531f
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Anaconda2-5.0.1-Windows-x86_64.exe	420.4M	2017-10-24 12:07:10	9d2f1b0baec15a77e44a5e3351389112
Anaconda3-5.0.1-Windows-x86_64.exe	514.8M	2017-10-24 12:17:59	3d0e7dbef158d8dc44f0c495671b92
Anaconda2-5.0.1-MacOSX-x86_64.pkg	562.8M	2017-10-23 20:01:12	464e994d1c027f3b2a30b63f0ee1a532

– Install on Mac: step 1, download & install Anaconda

- Install Anaconda: like any Mac application



After this installation is done, you can forget 'Anaconda' (you will never see the name again for analysis)

Done: step 1 of installation...

Go to step 2 (go back to the nmgi website: www.wklytics.com/nmgi):

- Download specific analytics code (a zipped folder typically)
- unzip into a folder. Within the folder, watch a demo video or read tutorial
- Click and run..

– Install on Windows: Step 1- download and install Anaconda

- Download from wklytics.com (https://www.wklytics.com/nmgi/public/Anaconda2-5.0.1-Windows-x86_64.exe)
- Or download from official Anaconda website (<https://repo.anaconda.com/archive/>)

Notice, download the specified version as below.

1) Download: Anaconda2-5.0.1-windows_XX.exe

XX = x86_64 for new pc (64-bit windows, default)

XX = x86 for old pc (32-bit windows)

Website address: <https://repo.continuum.io/archive/>

Old PC: Windows (32bit) version:

Mac:

Windows (64bit) version: (Default)

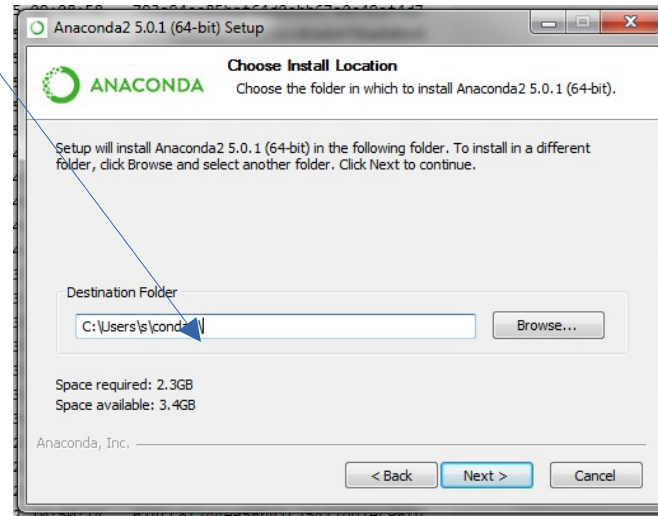
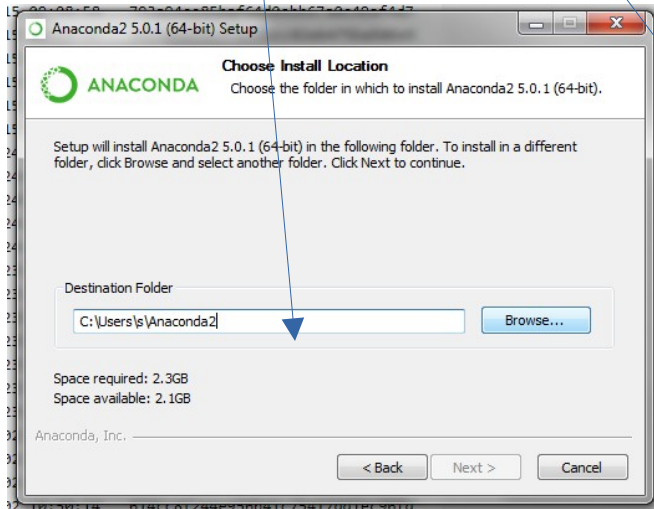
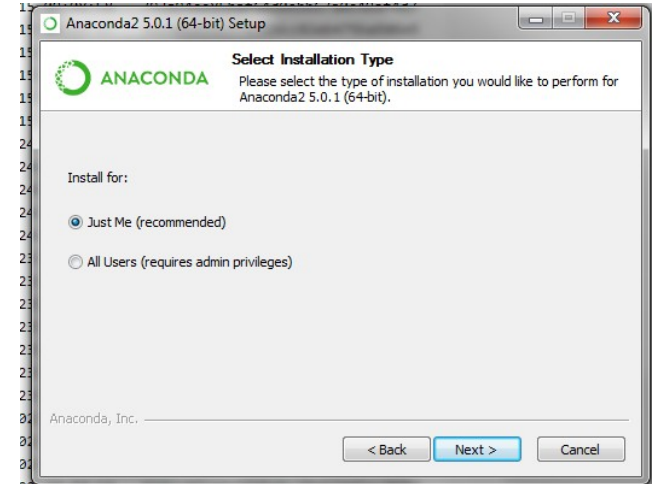
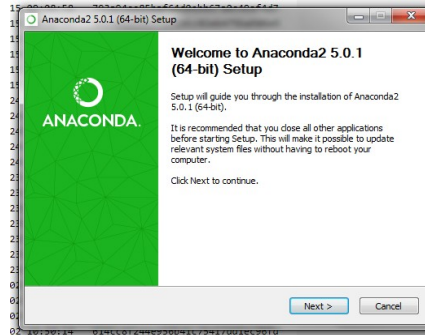
File Name	Size	Date
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Anaconda3-5.1.0-Windows-x86_64.exe	537.1M	2018-02-15 09:10:26
Anaconda2-5.0.1-Linux-x86.sh	413.2M	2017-10-24 12:13:07
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Anaconda3-5.0.1-Windows-x86_64.exe	514.8M	2017-10-24 12:37:59
Anaconda2-5.0.1-MacOSX-x86_64.pkg	562.8M	2017-10-23 20:01:12
Anaconda2-5.0.1-MacOSX-x86_64.sh	486.5M	2017-10-23 19:51:04
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– Install on Windows: Step 1- download and install Anaconda

- Double click the exe file to install,
- 1) Next, 2) choose ‘Just me’
- **3) (below) important :**

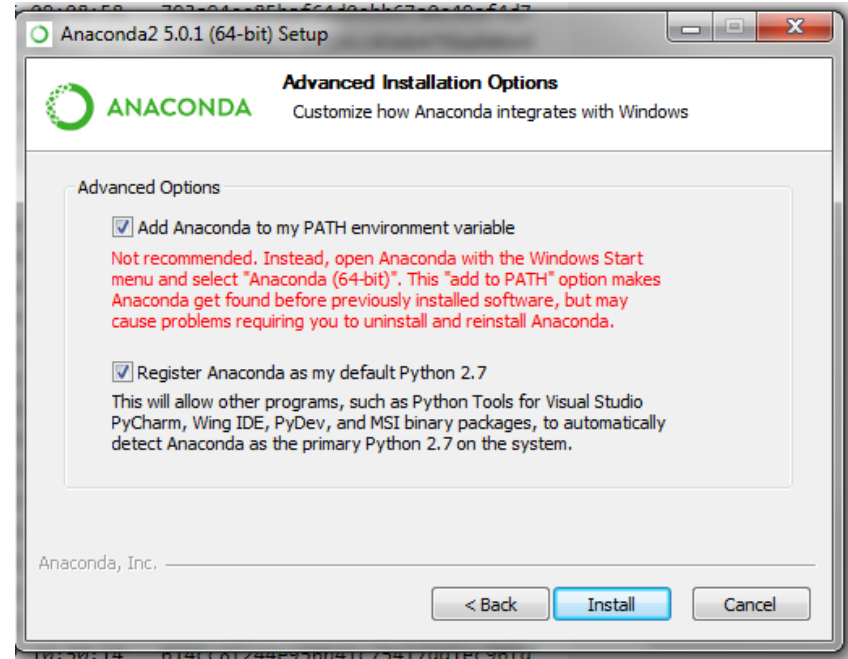
modify ‘Anaconda2’ to ‘conda2’

Why? We need to get options seen in the next slide



– Install on Windows: Step 1- download and install Anaconda (cont--)

- **(right) important :**
Check all the 2 options, even you see warning (as figure in right).
- **Then click 'Install' and wait...**
The installation can take >10 mins



Done: step 1 of installation...

Go to step 2 (go back to the nmgi website: www.wklytics.com/nmgi):

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