## How to setup a development environment using Anaconda Distribution Package

Online documentation: Managing environments  
<https://conda.io/docs/user-guide/tasks/manage-environments.html>

1. Find your Anaconda Script folder:

cd C:\Snaps\AppData\Local\Continuum\anaconda3\Scripts

2. Find your Anaconda envs folder:

C:\Snaps\AppData\Local\Continuum\anaconda3\envs

3. Creating an environment with commands:

.\conda create -n abc python=3.7

Screen:

PS C:\Snaps\AppData\Local\Continuum\anaconda3\Scripts> .\conda create -n abc python=3.7

Solving environment: done

## Package Plan ##

environment location: C:\Snaps\AppData\Local\Continuum\anaconda3\envs\abc

added / updated specs:

- python=3.7

The following packages will be downloaded:

package | build

---------------------------|-----------------

pip-10.0.1 | py37\_0 1.7 MB

certifi-2018.10.15 | py37\_0 138 KB

wincertstore-0.2 | py37\_0 13 KB

python-3.7.0 | hea74fb7\_0 21.1 MB

vc-14.1 | h0510ff6\_4 6 KB

wheel-0.32.2 | py37\_0 52 KB

setuptools-40.4.3 | py37\_0 576 KB

vs2015\_runtime-14.15.26706 | h3a45250\_0 2.2 MB

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Total: 25.9 MB

The following NEW packages will be INSTALLED:

certifi: 2018.10.15-py37\_0

pip: 10.0.1-py37\_0

python: 3.7.0-hea74fb7\_0

setuptools: 40.4.3-py37\_0

vc: 14.1-h0510ff6\_4

vs2015\_runtime: 14.15.26706-h3a45250\_0

wheel: 0.32.2-py37\_0

wincertstore: 0.2-py37\_0

Proceed ([y]/n)?

Downloading and Extracting Packages

pip-10.0.1 | 1.7 MB | ################################################################################################ | 100%

certifi-2018.10.15 | 138 KB | ################################################################################################ | 100%

wincertstore-0.2 | 13 KB | ################################################################################################ | 100%

python-3.7.0 | 21.1 MB | ################################################################################################ | 100%

vc-14.1 | 6 KB | ################################################################################################ | 100%

wheel-0.32.2 | 52 KB | ################################################################################################ | 100%

setuptools-40.4.3 | 576 KB | ################################################################################################ | 100%

vs2015\_runtime-14.15 | 2.2 MB | ################################################################################################ | 100%

Preparing transaction: done

Verifying transaction: done

Executing transaction: done

#

# To activate this environment, use:

# > activate abc

#

# To deactivate an active environment, use:

# > deactivate

#

# \* for power-users using bash, you must source

#

## Activating and deactivating an environment

* On Windows, in your Anaconda Prompt, run activate/deactivate myenv
* On macOS and Linux, in your Terminal Window, run source activate/deactivate myenv

4. Change to folder Scrip abc environment now:

cd C:\Snaps\AppData\Local\Continuum\anaconda3\envs\abc\Scripts

Install pandas for example: .\pip install pandas

Installing collected packages: numpy, six, python-dateutil, pytz, pandas

Successfully installed numpy-1.15.3 pandas-0.23.4 python-dateutil-2.7.3 pytz-2018.5 six-1.11.0

You are using pip version 10.0.1, however version 18.1 is available.

You should consider upgrading via the 'python -m pip install --upgrade pip' command.

PS C:\Snaps\AppData\Local\Continuum\anaconda3\envs\abc\Scripts>

The folder

C:\Snaps\AppData\Local\Continuum\anaconda3\envs\abc\Lib\site-packages

We’ll see the libraries without the release numbers:

* numpy-1.15.3
* pandas-0.23.4
* python-dateutil-2.7.3
* pytz-2018.5
* six-1.11.0