

Conda cheat sheet



Get conda: bit.ly/condaquickinstall

For full documentation of any command, type the command followed by **--help**.

conda create --help

TIP: Many options after two dashes (--) have shortcuts.

conda create --help or **conda create -h**

Managing conda and anaconda

conda info

Verify conda is installed, check version #

conda update conda

Update conda package and environment manager to current version

conda update anaconda

Update the anaconda meta package (the library of packages ready to install with **conda** command)

Managing environments

conda info --envs or **conda info -e**

Get a list of all my environments, active environment shown with *

conda create --name snowflakes biopython

Create an environment and install program(s)

or

conda create -n snowflakes biopython

TIP: To avoid dependency conflicts, install all programs in the environment (snowflakes) at the same time.

*TIP: Environments install by default into the envs directory in your conda directory. You can specify a different path; see **conda create --help** for details.*

source activate snowflakes (Linux, Mac)

Activate the new environment to use it

activate snowflakes (Windows)

TIP: Activate prepends the path to the snowflakes environment.

conda create -n bunnies python=3.4 astroid

Create a new environment, specify Python version

conda create -n flowers --clone snowflakes

Make exact copy of an environment

Managing Python

conda search --full-name python

Check versions of Python available to install

or

conda search -f python

conda create -n snakes python=3.4

Install different version of Python in new environment

source activate snakes (Linux, Mac)

Switch to the new environment that has a different version of Python

activate snakes (Windows)

TIP: Activate prepends the path to the snakes environment.

Managing .condarc configuration

conda config --get

Get all keys and values from my .condarc file

conda config --get channels

Get value of the key channels from .condarc file

conda config --add channels pandas

Add a new value to channels so conda looks for packages in this location

Managing packages, including Python

<code>conda list</code>	View list of packages and versions installed in active environment
<code>conda search beautiful-soup</code>	Search for a package to see if it is available to conda install
<code>conda install -n bunnies beautiful-soup</code>	Install a new package <i>NOTE: If you do not include the name of the new environment (-n bunnies) it will install in the current active environment.</i> <i>TIP: To view list of all packages available through conda install, visit http://docs.continuum.io/anaconda/pkg-docs.html.</i>
<code>conda update beautiful-soup</code>	Update a package in the current environment
<code>conda search --override-channels -c pandas bottleneck</code>	Search for a package in a specific location (the pandas channel on Anaconda.org) <i>NOTE: Or, go to Anaconda.org in the browser and search by package name. This will show the specific channel (owner) through which it is available.</i>
<code>conda install -c pandas bottleneck</code>	Install a package from a specific channel
<code>conda search --override-channels -c defaults beautiful-soup</code>	Search for a package to see if it is available from the Anaconda repository
<code>source activate bunnies</code> (Linux, Mac) <code>activate bunnies</code> (Windows) <code>pip install see</code>	Activate the environment where you want to install a package and install it with pip (included with Anaconda and Miniconda)
<code>conda install iopro accelerate</code>	Install commercial Continuum packages

Removing packages or environments

<code>conda remove --name bunnies beautiful-soup</code>	Remove one package from any named environment
<code>conda remove beautiful-soup</code>	Remove one package from the active environment
<code>conda remove --name bunnies beautiful-soup asteroid</code>	Remove multiple packages from any environment
<code>conda remove --name snakes --all</code>	Remove an environment

More resources

Free community support	http://bit.ly/condasupport
Online documentation	http://conda.pydata.org/docs/
Paid support options	http://continuum.io/support
Continuum onsite training courses	https://store.continuum.io/cshop/training/
Continuum consulting services	http://continuum.io/consulting/