Conda user cheat sheet

CONTINUUM ANALYTICS

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 andaconda	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 *or* conda create -n snowflakes biopython	Create an environment and install program(s) *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 snowflakes *(Windows)*	Activate the new environment to use it *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 *or* conda search -f python	Check versions of Python available to install
conda create -n snakes python=3.4	Install different version of Python in new environment
source activate snakes *(Linux, Mac)* activate snakes *(Windows)*	Switch to the new environment that has a different version of Python *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

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

Removing packages or environments

conda remove --name bunnies beautiful-soup	Remove one package from any named environment
conda remove beautiful-soup	Remove one package from the active environment
conda remove --name bunnies beautiful-soup astroid	Remove multiple packages from any environment
conda remove --name snakes --all	Remove an environment

More resources

Free community support	https://groups.google.com/a/continuum.io/forum/#!forum/anaconda
Full command documentation	command followed by **--help** or **-h**
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/