Conda and Anaconda Cheat Sheet

Managing Conda and Anaconda

`conda info`	Verify conda is installed, check version #
`conda update conda`	Update conda package and environment manager
`conda update anaconda`	Update the anaconda meta package

Managing Python

`conda search --full-name python` `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

Managing Environments

`conda info --envs` `conda info -e`	Get a list of all my environments Active environment shown with *
`conda create --name snowflakes biopython` `conda create -n snowflakes biopython`	Create an environment and install program(s)
`conda activate snowflakes`	Activate the new environment to use it
`conda deactivate`	Deactivate the 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
`conda remove -n flowers --all`	Delete an environment
`conda env export > puppies.yml`	Save current environment to a file
`conda env create -f puppies.yml`	Load environment from a file

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

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

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 environment, it will install in the current active environment.
`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)
`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
`conda install iopro accelerate`	Install commercial Continuum packages
`conda skeleton pypi pyinstrument` `conda build pyinstrument`	Build a Conda package from a Python Package Index (PyPi) Package

Notes

- Based on the cheat sheet from Conda Docs (http://conda.pydata.org/docs/using/cheatsheet.html)
- Converted by Charles (https://github.com/streeck)