

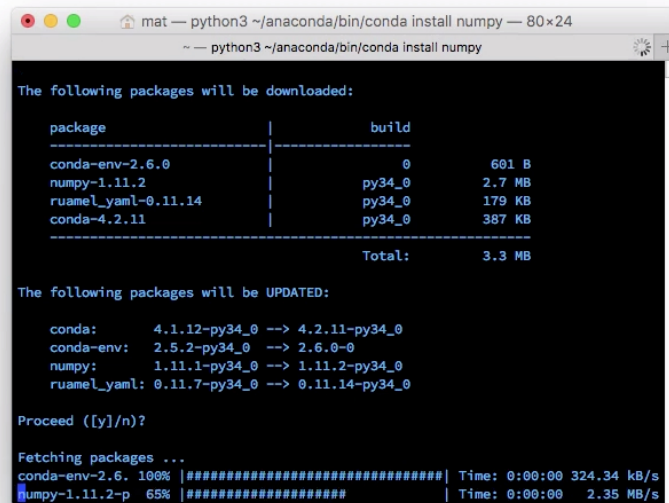
Managing Packages

Install Packages

Once you have Anaconda installed, managing packages is fairly straightforward. To install a package, type the following command in your terminal.

```
conda install PACKAGE_NAME
```

For example, to install numpy, type `conda install numpy`.



```
mat — python3 ~/anaconda/bin/conda install numpy — 80x24
~ — python3 ~/anaconda/bin/conda install numpy

The following packages will be downloaded:

package | build
-----|-----
conda-env-2.6.0 | 0 601 B
numpy-1.11.2 | py34_0 2.7 MB
ruamel_yaml-0.11.14 | py34_0 179 KB
conda-4.2.11 | py34_0 387 KB
-----|-----
Total: 3.3 MB

The following packages will be UPDATED:

conda: 4.1.12-py34_0 --> 4.2.11-py34_0
conda-env: 2.5.2-py34_0 --> 2.6.0-0
numpy: 1.11.1-py34_0 --> 1.11.2-py34_0
ruamel_yaml: 0.11.7-py34_0 --> 0.11.14-py34_0

Proceed ([y]/n)?

Fetching packages ...
conda-env-2.6. 100% |#####| Time: 0:00:00 324.34 kB/s
numpy-1.11.2-p 65% |#####| Time: 0:00:00 2.35 MB/s
```

You can install multiple packages at the same time. For example, the command below will install all three packages simultaneously.

```
conda install numpy scipy pandas
```

It's also possible to specify which version of a package you want by adding the version number such as `conda install numpy=1.10`.

Conda also automatically installs dependencies for you. For example `scipy` uses and requires `numpy`. If you install just `scipy` (`conda install scipy`), Conda will also install `numpy` if it isn't already installed.

Remove Packages

Most of the commands are pretty intuitive. To uninstall, use

```
conda remove PACKAGE_NAME
```

Update Packages

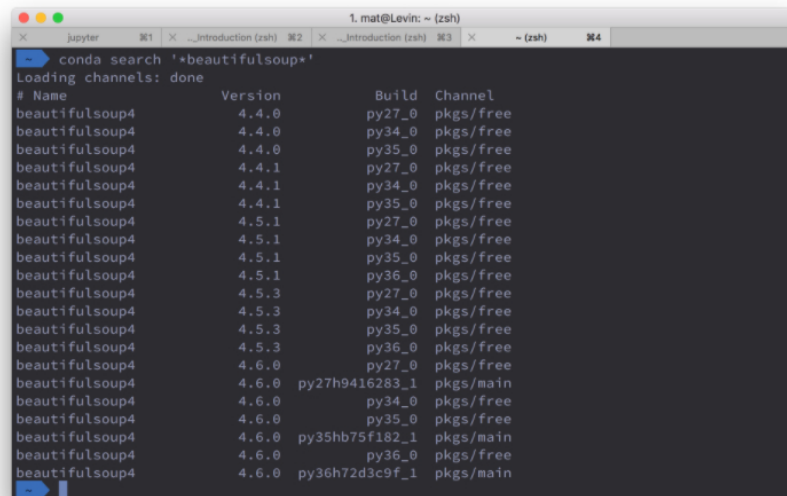
To update a package, use

```
conda update package_name
```

If you want to update all packages in an environment, which is often useful, use `conda update --all`. And finally, to list installed packages, it's `conda list` which you've seen before.

Search a Package to Install

If you don't know the exact name of the package you're looking for, you can try searching with `conda search *SEARCH_TERM*`. For example, I know I want to install [Beautiful Soup](#), but I'm not sure of the exact package name. So, I try `conda search *beautifulsoup*`. Note that your shell might expand the wildcard `*` before running the conda command. To fix this, wrap the search string in single or double quotes like `conda search 'beautifulsoup'`.



```
1. mat@Levin: ~ (zsh)
conda search 'beautifulsoup*'
Loading channels: done
# Name          Version      Build      Channel
beautifulsoup4  4.4.0        py27_0     pkgs/free
beautifulsoup4  4.4.0        py34_0     pkgs/free
beautifulsoup4  4.4.0        py35_0     pkgs/free
beautifulsoup4  4.4.1        py27_0     pkgs/free
beautifulsoup4  4.4.1        py34_0     pkgs/free
beautifulsoup4  4.4.1        py35_0     pkgs/free
beautifulsoup4  4.5.1        py27_0     pkgs/free
beautifulsoup4  4.5.1        py34_0     pkgs/free
beautifulsoup4  4.5.1        py35_0     pkgs/free
beautifulsoup4  4.5.1        py36_0     pkgs/free
beautifulsoup4  4.5.3        py27_0     pkgs/free
beautifulsoup4  4.5.3        py34_0     pkgs/free
beautifulsoup4  4.5.3        py35_0     pkgs/free
beautifulsoup4  4.5.3        py36_0     pkgs/free
beautifulsoup4  4.6.0        py27_0     pkgs/free
beautifulsoup4  4.6.0        py27h9416283_1  pkgs/main
beautifulsoup4  4.6.0        py34_0     pkgs/free
beautifulsoup4  4.6.0        py35_0     pkgs/free
beautifulsoup4  4.6.0        py35hb75f182_1  pkgs/main
beautifulsoup4  4.6.0        py36_0     pkgs/free
beautifulsoup4  4.6.0        py36h72d3c9f_1  pkgs/main
```

It returns a list of the Beautiful Soup packages available with the appropriate package name, `beautifulsoup4`.

Additional Resource

Refer to the [Conda Command reference guide](#) to know more about conda commands, and compare them with `pip` and `virtualenv` commands.

QUESTION 1 OF 2

Multiple Choice Question - Which of these commands would you use to install the packages `numpy` and `pandas` with conda? (More than one might be correct - select all that apply.)

- ☐ `conda install numpy`
- ☒ `conda install pandas`
- ☒ `conda install numpy pandas`

SUBMIT

QUESTION 2 OF 2

What are the prerequisites to run the command `conda install package_name` that will install a package?

- ☐ The system must have `pip` already installed on it.
- ☒ The system must have any version of Python and `conda` package manager already installed on it (using either Miniconda or Anaconda).
- ☐ The system must have Jupyter already installed on it.

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NEXT