

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`.

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.