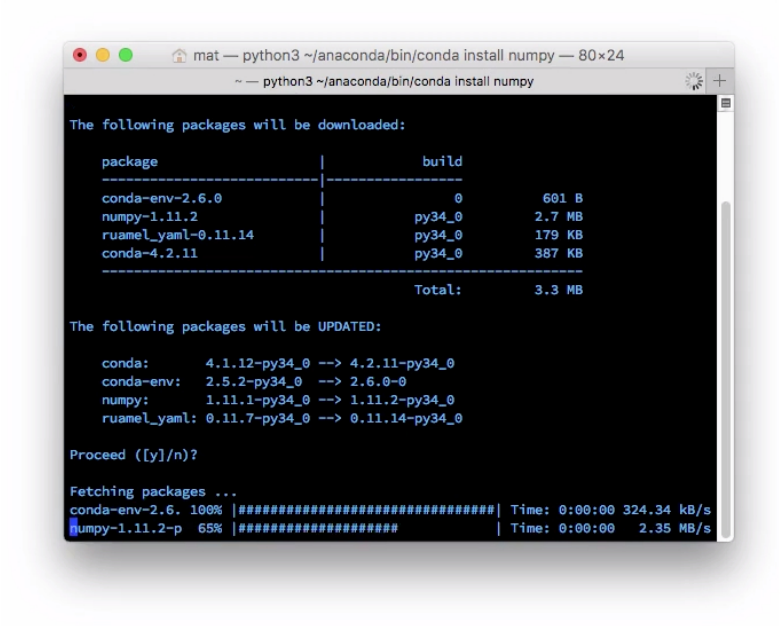
Managing Packages

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

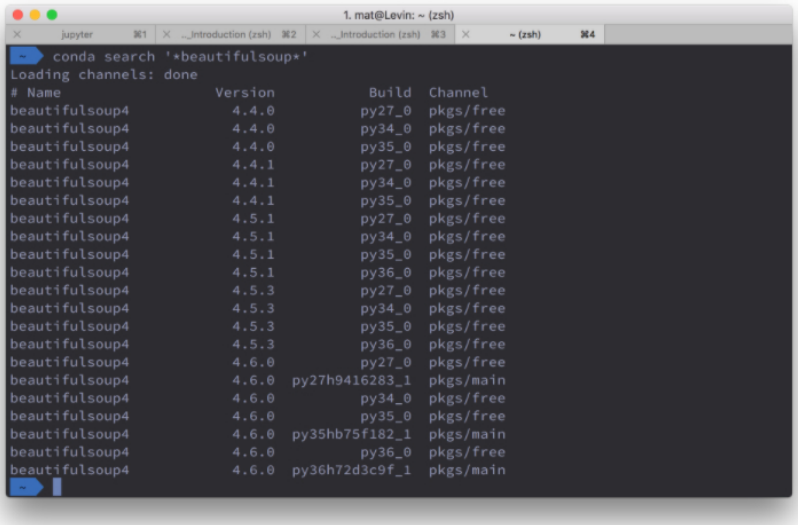
To update a package, use

```
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*'`.



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`
- [x] `conda install pandas`
- [x] `conda install numpy pandas`

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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.
- (x) 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