

# Why I Love Python

Why I love **Python**, a language worth knowing.

## Running It

Python syntax is really quite simple to execute. Anyone can do it just by executing the python command on the command line and invoking the interpreter.

You can also execute python programs by calling the program filename such as:

```
me@mymachine $ python my_file_name.py
```

## The Syntax

Python syntax is very easy to write. Take a look at this simple statement:

```
>>> print 'Hello!'
```

## The People

It's amazing how nice people are in the Python development world. Just as with any community, however, it's important to follow certain rules of decorum.

- Be courteous to others
- Always read the manual before asking questions
- Be succinct in your questions
  - Don't give unnecessary details if they aren't needed
  - Don't start a question with an apology or an announcement that you're going to ask the question.  
Just ask the question!

## The Tools

Python has a ton of excellent tools available for use.

### Docutils

A fantastic documentation generator that interprets reStructuredText and turns it into rich documents.

### Web Frameworks

Python has many great web frameworks, only a few of which will be listed here.

#### *Django*

One of the world's leading content management systems for the web. To learn more about Django, visit:

<https://www.djangoproject.com/>

## ***Pyramid***

A relative newcomer to the web framework work. Pyramid began as part of the Pylons project and has an interesting (though challenging) templating language.

## **Other Details**

1. Python can be used for almost any task you can think of.
2. It has a huge library of available modules.
3. Pip extends that library even more.
4. Why aren't you using it already! Go write some Python!

### ***Sources***

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### ***Note***

This is just a little taste of how great Python can be!