Overview

One of the best methods to practice Python coding is to study some code and try

them out yourself.

By doing a lot of code exercises, you will get a much better understanding of what

it really does.

In other words, **learning by doing**.

To help you improve your Python coding skill, I've created a program below which

is using the API from [CommandLineFu.com](http://www.commandlinefu.com/)

CommandLineFu API

A common first step when you want to use a Web-based services is to see if they

have an API.

Luckily for me, [Commandlinefu.com](http://www.commandlinefu.com/) provides one and can be found [here](http://www.commandlinefu.com/site/api)

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The content of commandlinefu.com is available in a variety of different formats

for you to do what you like with.

Any page which contains a list of commands (such as the listings by tag, function

or user) can be returned in a format of your choice through a simple change to the

request URL."

The example URL that they provide is:

**http://www.commandlinefu.com/commands/'command-set'/'format'/**

**where:**

**command-set**

is the URL component which specifies which set of commands to return.

**Possible values are:**

browse/sort-by-votes

tagged/163/grep

matching/ssh/c3No

**format**

is one of the following: **plaintext, json and rss.**

I prefer using the json format and that is also what I'm using in the program

below.

Creating the "Command Line Search Tool"

I think we have all the API information we need, so let's get to it.

The program is well documented and should be straightforward.

Open up a text editor, copy & paste the code below.

Save the file as: **"commandlinefu.py"** and exit the editor.