

Scripting NCBI Web-scraping

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Scripting in Python

Interactive Python is great but you want to put your workflow in scripts so it is easy to reproduce. The basic format is below. Copy and paste it into a text file.

```
#!/usr/bin/python
str='hello world'
print(str)
quit() #Can skip this, will exit at end of file
```

Accepting command line input

```
#!/usr/bin/python
import sys
print sys.argv[0]
print sys.argv[1]
print len(sys.argv)
quit()
```

Then run: “python script.py ‘in string’ ”

We can expand on this and do something with the command line input. Like print it in reverse order.

```
#!/usr/bin/python
import sys
str=sys.argv[1]
l=len(str)
for i in range(l,0,-1):
    print str[i]

quit()
```

NCBI Entrez

conda install Biopython

Biopython