

Concord/concord.py (Page 1 of 1)

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1: #!/usr/bin/env python
2: #
3: #-----
4: # concord.py
5: # Author: Bob Dondero
6: #-----
7:
8: import sys
9: import re
10:
11: #-----
12:
13: def process_line(line, concordance):
14:
15:     line = line.lower()
16:     re_letters = re.compile(r'[a-z]+')
17:     words = re_letters.findall(line)
18:     for word in words:
19:         if word in concordance:
20:             concordance[word] += 1
21:         else:
22:             concordance[word] = 1
23:
24: #-----
25:
26: def main():
27:
28:     if len(sys.argv) != 2:
29:         print('usage: python %s infile' % sys.argv[0],
30:               file=sys.stderr)
31:         sys.exit(1)
32:
33:     in_file_name = sys.argv[1]
34:
35:     concordance = {}
36:
37:     try:
38:
39:         with open(in_file_name, mode='r', encoding='utf-8') as in_file:
40:             for line in in_file:
41:                 process_line(line, concordance)
42:
43:         for word, count in concordance.items():
44:             print('%s: %d' % (word, count))
45:
46:     except Exception as ex:
47:         print('%s: %s' % (sys.argv[0], ex), file=sys.stderr)
48:         sys.exit(1)
49:
50: #-----
51:
52: if __name__ == '__main__':
53:     main()

```

Concord/writeprofile.py (Page 1 of 1)

```

1: #!/usr/bin/env python
2: #
3: #-----
4: # writeprofile.py
5: # Author: Bob Dondero
6: #-----
7:
8: import sys
9: import pstats
10:
11: def main():
12:
13:     if len(sys.argv) not in [2, 3]:
14:         print('usage: %s profilefile [module]' % sys.argv[0],
15:               file=sys.stderr)
16:         sys.exit(1)
17:
18:     profile_file = sys.argv[1]
19:     p = pstats.Stats(profile_file)
20:     p.sort_stats('tottime')
21:
22:     if len(sys.argv) == 2:
23:         p.print_stats()
24:     else:
25:         module = sys.argv[2]
26:         p.print_stats(module)
27:
28: if __name__ == '__main__':
29:     main()

```