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...
    directories.py -- how to see what's in a directory or a directory
tree
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    There are, of course, more file- and directory-related tools.
Read
the Python documentation for the os and os.path modules.  You
might
also find the glob module helpful.
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```
import os
import sys
```

```
if len(sys.argv) <= 1:
    print('Usage: {0} directory_name'.format(sys.argv[0]),
file=sys.stderr)
    exit()
```

```
print('==== listing the contents of a directory
====')
directory = os.listdir(sys.argv[1])
for f in directory:
    print(f)
print()
```

```
print('==== directory traversal using os.walk
====')
for current_directory, subdirectory_list, file_list in
os.walk(sys.argv[1]):
    print(current_directory)
    for filename in file_list:
        full_path = os.path.join(current_directory, filename)
        if os.path.isdir(full_path):
            print('\t%s/' % filename)
        else:
            print('\t%s' % filename)
```