



File Renaming with Python

WWW.ALLEGANCOUNTY.ORG/GIS

JUNE 21, 2019

Contents

Contents	i
0.0.1 File Rename with Python	1
Purpose and Summary	1
Purpose	1
Summary	1
Requirements	1
Software	1
Python(2.7)	1
The Python Script	1

0.0.1 FILE RENAME WITH PYTHON

PURPOSE AND SUMMARY

Purpose

Changing the file names within a directory

Summary

This script creates a list of all files in a source folder and then iterates through the list editing the file names, in this case, replacing spaces with no spaces.

REQUIREMENTS

Software

- python 2.7 and a Python IDE
- A text editor

Python(2.7)

This script was developed in python 2.7

The Python Script

```
#-----  
# Name:          RenameFiles.py  
#  
# Purpose:       Renames any number of files within a directory  
#  
# Notes:         This script creates a list of all files in a source folder and  
#                 then iterates through the list editing the file names,  
#                 in this case, replacing spaces with no spaces.  
# Author:        BMay  
#  
# Created:       20190620  
# Updated:       20190621  
#-----
```

```
#####  
# Imports and Relative path folder setup  
#####  
import os, sys  
project = os.path.dirname(os.path.dirname(__file__))  
processing = os.path.join(project, 'processing')  
build = os.path.join(project, 'build')  
  
#####  
# vars  
#####  
renameSrc = os.path.join(processing, 'RenameSource')  
  
#####  
# Main  
#####  
if __name__ == "__main__":  
  
    os.chdir(renameSrc)  
    for i in os.listdir(renameSrc):  
        print i  
        newName = i.replace(' ', '')  
        print newName  
        os.rename(i, newName)
```
