

FileOrganizer

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Organize messy files into extension-based folders at the click of a button

```
FileOrganizer.py > ...  
12 "Audio": [".mp3", ".wav", ".aac", ".flac"],  
13 "Archives": [".zip", ".rar", ".7z", ".tar", ".gz"],  
14 "Data": [".csv", ".json", ".xml"],  
15 "Photoshop": [".psd"],  
16 "Other": []  
17  
18  
19 #Organization Function:  
20 def organize_files(directory):  
21     if not os.path.isdir(directory):  
22         print("Error (directory) is not a valid directory.")  
23         return  
24  
25     moved_count = 0  
26  
27     #Create Folders for Category:  
28     for category in file_categories:  
29         folder_path = os.path.join(directory, category)  
30         os.makedirs(folder_path, exist_ok=True)  
31  
32  
33     #Move Files into Corresponding Folders:  
34     for filename in os.listdir(directory):  
35         file_path = os.path.join(directory, filename)  
36  
37         #Skip if its a directory:  
38         if os.path.isdir(file_path):  
39             continue  
40  
41         #Check File Extension and Move:  
42         file_moved = False  
43         for category, extensions in file_categories.items():  
44             if any(filename.lower().endswith(ext) for ext in extensions):  
45                 shutil.move(file_path, os.path.join(directory, category, filename))  
46                 moved_count += 1  
47                 file_moved = True  
48                 break  
49  
50         #Move Remaining Files to "Other":  
51         if not file_moved:  
52             shutil.move(file_path, os.path.join(directory, "Other", filename))  
53             moved_count += 1
```

