

Automated file sorter in file explorer

February 13, 2025

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[7]: import os,shutil  
path=r'C:/Users/HP/Documents/Puthon file explorer project demo/'
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[45]: files_name=os.listdir(path)
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[49]: # checking if file exists  
os.path.exists(path + 'csv files')
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[49]: True
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[58]: folder_names=['csv files','text files','jpg files']  
for loop in range(0,3):  
    if not os.path.exists(path+ folder_names[loop]):  
        print(path + folder_names[loop])  
        os.makedirs((path+ folder_names[loop]))  
  
for file in files_name:  
    if ".csv" in file and not os.path.exists(path + 'csv files/' + file):  
        shutil.move(path + file, path + 'csv files/' + file)  
    elif ".txt" in file and not os.path.exists(path + 'text files/' + file):  
        shutil.move(path + file, path + 'text files/' + file)  
    elif ".jpg" in file and not os.path.exists(path + 'jpg files/' + file):  
        shutil.move(path + file, path + 'jpg files/' + file)
```

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