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answered Mar 22 '12 at 5:25

 **the wolf**
19.1k ● 10 ● 47 ● 67

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0 How can I create a List of all The files and their complete Paths with Python?

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Anyway to do this without capturing hidden files? – [Marcel Marino](#) Dec 12 '13 at 19:11

@MarcelMarino `if not file.startswith('.')` – [A.Wan](#) Oct 28 '15 at 20:46

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If you have Python 3.4 or newer you can use [pathlib](#) (or a third-party backport if you have an older Python version):


6

```
import pathlib
for filepath in pathlib.Path(directory).glob('**/*'):
    print(filepath.absolute())
```

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[edited Aug 30 '17 at 12:27](#)

[answered Aug 30 '17 at 12:13](#)

 [MSeifert](#)
78.5k • 18 • 154 • 189

This is very nice that it uses python 3, but it also shows directories. – [Newskooler](#) Mar 6 at 22:05 [✎](#)

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You can use `os.path.abspath()` to turn relative paths into absolute paths:


5

```
file_paths = []
for folder, subs, files in os.walk(rootdir):
    for filename in files:
        file_paths.append(os.path.abspath(os.path.join(folder, filename)))
```

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[edited Mar 22 '12 at 5:32](#)

[answered Mar 22 '12 at 5:19](#)

 [Blender](#)
212k • 36 • 343 • 406

1 doesn't this join the `cwd` to `filename`, when you want to join the `folder`?! – [wim](#) Mar 22 '12 at 5:27 [✎](#)

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I wanted to keep the subdirectory details and not the files and wanted only subdirs with one xml file in them. I can do it this way:

0


```
for rootDirectory, subDirectories, files in os.walk(eventDirectory):
    for subDirectory in subDirectories:
        absSubDir = os.path.join(rootDirectory, subDirectory)
        if len(glob.glob(os.path.join(absSubDir, "*.xml"))) == 1:
            print "Parsing information in " + absSubDir
```

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[edited Sep 14 '16 at 17:01](#)

[answered Feb 19 '16 at 10:16](#)

 [muon](#)
3,911 • 3 • 29 • 45

 [Eamonn Kenny](#)
827 • 6 • 12


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```
from glob import glob
```

0

```
def absolute_file_paths(directory):
    return glob(join(directory, "**"))
```

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[edited May 22 '18 at 12:39](#)
 [blue-phoenix](#)
4,708 • 10 • 18 • 51

[answered May 22 '18 at 11:20](#)
 [AmjadHD](#)
6 • 2

4 While this code might answer the question you still might consider adding a few explanatory sentences as this increases the value of your answer for other users. – [blue-phoenix](#) May 22 '18 at 11:38

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```
for root, directories, filenames in os.walk(directory):
    for directory in directories:
        print os.path.join(root, directory)
    for filename in filenames:
        if filename.endswith(".JPG"):
            print filename
            print os.path.join(root, filename)
```

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[answered Sep 27 '18 at 11:40](#)

 [Robert A](#)
115 • 1 • 3

1 While this might answer the authors question, it lacks some explaining words and links to documentation. Raw code snippets are not very helpful without some phrases around it. You may also find [how to write a good answer](#) very helpful. Please edit your answer. – [hellow](#) Sep 27 '18 at 13:44

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




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