

Forum:[Hack Forums](#)

Thread: [Python Tutorial - Modules #1](#)

#BORNE - May 17, 2014, 7:16 am

Python Tutorial - Modules #11

[OS Docs](#)

Note: I will be using Python 2.7

To start off I would like to explain that I am not fluent in Python but recently saw ?????? [thread](#) which stated he was going to learn os so I thought to myself that I would to. So what I will be doing is hopefully doing a tutorial every 2-4 days on the OS module, which will both teach me and you.

In this tutorial we will be looking at the basics of the OS module.

First off all we will import the module, to do this we just simply

Code import os

I will now show you how you are able to find out whether a certain directory exists.

Code import os

```
path = "c:/users/william/pictures/pic.jpg"
```

```
if os.path.exists(path):
```

```
    print "Dir Exists!"
```

```
else:
```

```
    print "Dir Can Not Be Found!"
```

The code is pretty self explanatory, if the variable path exists it will return "Dir Exists!" if it doesn't it will return "Dir Can Not Be Found!"

Just that tiny bit of code could be used in so many ways for example, if that dir exists then you could move it using the [shutil module](#) or maybe you would delete that file.

If you got stuck on this tutorial then feel free to contact me.

I will happily listen to any ideas you may have also.

-Cyber Punk

Trisomy 21 - May 17, 2014, 11:27 am

Don't make a new thread for your next tut, just add on to this, this really isn't an OS module tutorial, it's just an explanation of how to check if a directory exists, and a very similar code can be found in 100 places by googling.

#BORNE - May 17, 2014, 11:30 am

(May 17, 2014 11:27 AM)zer?day Wrote: [\[CITE\]](#) Don't make a new thread for your next tut, just add on to this, this really isn't an OS module tutorial, it's just an explanation of how to check if a directory

exists, and a very similar code can be found in 100 places by googling.

But the thing is that I cover a new thing each tutorial.

For example this one was checking if the dir exists but the next one shows you how to edit the dir with the shutil module.

Cyber Punk

Trisomy 21 - May 17, 2014, 11:42 am

(May 17, 2014 11:30 AM)Cyber Punk Wrote: [\[CITE\]](#) But the thing is that I cover a new thing each tutorial.

For example this one was checking if the dir exists but the next one shows you how to edit the dir with the shutil module.

Cyber Punk

Well then you should change your thread title to "How to check if directory exists", so people don't think your actually giving a tutorial on the OS module in its entirety.

#BORNE - May 17, 2014, 11:42 am

(May 17, 2014 11:42 AM)zer?day Wrote: [\[CITE\]](#) Well then you should change your thread title to "How to check if directory exists", so people don't think your actually giving a tutorial on the OS module in its entirety.

good point, I will do this when I get home. ?

M.o.n.s.t.e.r - May 17, 2014, 7:04 pm

I have to agree with zeroday this is not really a tut on os module you did not even bother to add os.system()

deiski - May 17, 2014, 10:17 pm

To be honest, just make this a long thread on the OS module, I don't think this is really a tutorial unless you expand.

#BORNE - May 18, 2014, 2:19 am

Maybe I have mislead you because my goal of this whole thing is making a program using the OS module which opens doors to other modules and will help you understand the OS module.