

easypyc

这题非常白给，提示也给的很明白了，只要搜搜pyc是什么应该就可以做出来。

用pyinstaller即可得到pyc文件，最近版本的pyinstaller不需要自己手动补magic number

```
D:\#rev\tool\pyinstxtractor-2023.02>python pyinstxtractor.py easypyc.exe
[+] Processing easypyc.exe
[+] Pyinstaller version: 2.1+
[+] Python version: 3.10
[+] Length of package: 6495242 bytes
[+] Found 61 files in CArchive
[+] Beginning extraction...please standby
[+] Possible entry point: pyiboot01_bootstrap.pyc
[+] Possible entry point: pyi_rth_inspect.pyc
[+] Possible entry point: pyi_rth_subprocess.pyc
[+] Possible entry point: easypyc.pyc
[+] Found 97 files in PYZ archive
[+] Successfully extracted pyinstaller archive: easypyc.exe
You can now use a python decompiler on the pyc files within the extracted directory
```

在pyinstaller同文件夹下生成easypyc.exe_extracted，打开可以在里面找到easypyc.pyc

| pyinstxtr... > easypyc.exe_extracted | | 在 easypyc.exe_extracted 中搜索 | |
|--------------------------------------|-----------------|-----------------------------|----------|
| 名称 | 修改日期 | 类型 | 大小 |
| api-ms-win-crt-time-l1-1-0.dll | 2023/5/16 14:52 | 应用程序扩展 | 22 KB |
| api-ms-win-crt-utility-l1-1-0.dll | 2023/5/16 14:52 | 应用程序扩展 | 20 KB |
| base_library.zip | 2023/5/16 14:52 | WinRAR ZIP 压缩... | 1,040 KB |
| easypyc.pyc | 2023/5/16 14:52 | Compiled Pytho... | 1 KB |
| libcrypto-1_1.dll | 2023/5/16 14:52 | 应用程序扩展 | 3,350 KB |
| libssl-1_1.dll | 2023/5/16 14:52 | 应用程序扩展 | 679 KB |
| pyi_rth_inspect.pyc | 2023/5/16 14:52 | Compiled Pytho... | 1 KB |
| pyi_rth_subprocess.pyc | 2023/5/16 14:52 | Compiled Pytho... | 1 KB |
| pyiboot01_bootstrap.pyc | 2023/5/16 14:52 | Compiled Pytho... | 2 KB |
| pyimod01_archive.pyc | 2023/5/16 14:52 | Compiled Pytho... | 9 KB |
| pyimod02_importers.pyc | 2023/5/16 14:52 | Compiled Pytho... | 18 KB |
| pyimod03_ctypes.pyc | 2023/5/16 14:52 | Compiled Pytho... | 4 KB |
| python310.dll | 2023/5/16 14:52 | 应用程序扩展 | 4,347 KB |
| PYZ-00.pyz | 2023/5/16 14:52 | Python Zip Appli... | 837 KB |
| select.pyd | 2023/5/16 14:52 | Python Extensio... | 26 KB |
| struct.pyc | 2023/5/16 14:52 | Compiled Pytho... | 1 KB |
| ucrtbase.dll | 2023/5/16 14:52 | 应用程序扩展 | 1,021 KB |
| unicodedata.pyd | 2023/5/16 14:52 | Python Extensio... | 1,093 KB |
| VCRUNTIME140.dll | 2023/5/16 14:52 | 应用程序扩展 | 95 KB |

用strings命令看字符串

```
please input:z r00t2023{pyc_reverse_you_got_it}z
your answer is wrongz
congratulations!N)
input
print
easypyc.py
<module>
```

得到flag: r00t2023{pyc_reverse_you_got_it}