

수업_24.01.09.

날짜	@January 9, 2024
태그	

1단계

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Terminal Local x + v
(My_38) PS C:\Users\kdp\PycharmProjects\EXAM_PYTHON> pyinstaller --help
usage: pyinstaller [-h] [-v] [-D] [-F] [--specpath DIR] [-n NAME] [--add-data <SRC;DEST or SRC;DEST>] [--add-binary <SRC;DEST or SRC;DEST>] [-p DIR] [--hidden-import MODULENAME]
                    [--collect-submodules MODULENAME] [--collect-data MODULENAME] [--collect-binaries MODULENAME] [--collect-all MODULENAME] [--copy-metadata PACKAGENAME]
                    [--recursive-copy-metadata PACKAGENAME] [--additional-hooks-dir HOOKSPATH] [--runtime-hook RUNTIME_HOOKS] [--exclude-module EXCLUDES] [--splash IMAGE_FILE]
                    [-d {all,imports,bootloader,nsarchive}] [--python-option PYTHON_OPTION] [-s] [--noupx] [--upx-exclude FILE] [-c] [-a] [-i <FILE.ico or FILE.exe,ID or FILE.icons or Image or "NONE">]
                    [--disable-windowsed-traceback] [--version-file FILE] [-m <FILE or XML>] [--no-embed-manifest] [-r RESOURCE] [--use-admin] [--use-uiaccess] [--win-private-assemblies]
                    [--win-no-prefer-redirects] [--argv-emulation] [--osx-bundle-identifier BUNDLE_IDENTIFIER] [--target-architecture ARCH] [--codesign-identity IDENTITY]
                    [--osx-entitlements-file FILENAME] [--runtime-tmpdir PATH] [--bootloader-ignore-signals] [--distpath DIR] [--workpath WORKPATH] [-y] [--upx-dir UPX_DIR] [-a] [--clean]
                    [--log-level LEVEL]
                    scriptname [scriptname ...]

positional arguments:
  scriptname            Name of scriptfiles to be processed or exactly one .spec file. If a .spec file is specified, most options are unnecessary and are ignored.

optional arguments:
  -h, --help            show this help message and exit
  -v, --version          Show program version info and exit.
  --distpath DIR        Where to put the bundled app (default: ./dist)
  --workpath WORKPATH   Where to put all the temporary work files, .log, .pyz and etc. (default: ./build)
  -y, --noconfirm       Replace output directory (default: SPECPATH\dist\SPECNAME) without asking for confirmation
  --upx-dir UPX_DIR     Path to UPX utility (default: search the execution path)
  -a, --ascii           Do not include unicode encoding support (default: included if available)
  --clean              Clean PyInstaller cache and remove temporary files before building.
  --log-level LEVEL     Amount of detail in build-time console messages. LEVEL may be one of TRACE, DEBUG, INFO, WARN, DEPRECATION, ERROR, FATAL (default: INFO). Also settable via and overrides the
                        PYI_LOG_LEVEL environment variable.

What to generate:
  -D, --onedir          Create a one-folder bundle containing an executable (default)
  -F, --onefile         Create a one-file bundled executable.
  --specpath DIR        Folder to store the generated spec file (default: current directory)
  -n NAME, --name NAME  Name to assign to the bundled app and spec file (default: first script's basename)

What to bundle, where to search:
  --add-data <SRC;DEST>
                        Additional non-binary files or folders to be added to the executable. The path separator is platform specific, ''os.pathsep'' (which is ';' on Windows and ':' on most unix
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2단계

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Terminal Local x + v
... (My_38) PS C:\Users\kdp\PycharmProjects\EXAM_PYTHON> dir

디렉터리: C:\Users\kdp\PycharmProjects\EXAM_PYTHON

Mode                LastWriteTime         Length Name
----                -
da----            2024-01-09 오후 5:03             .idea
d-----            2024-01-09 오전 8:55             YSY_python

(My_38) PS C:\Users\kdp\PycharmProjects\EXAM_PYTHON> cd YSY_python
(My_38) PS C:\Users\kdp\PycharmProjects\EXAM_PYTHON\YSY_python> cd day_0105
(My_38) PS C:\Users\kdp\PycharmProjects\EXAM_PYTHON\YSY_python\day_0105> pyinstaller .\ex_func_01.py
493 INFO: PyInstaller: 5.13.2
493 INFO: Python: 3.8.18 (conda)
499 INFO: Platform: Windows-10-10.0.22621-SP0
499 INFO: wrote C:\Users\kdp\PycharmProjects\EXAM_PYTHON\YSY_python\day_0105\ex_func_01.spec
505 INFO: Extending PYTHONPATH with paths
['C:\\Users\\kdp\\PycharmProjects\\EXAM_PYTHON\\YSY_python\\day_0105']
896 INFO: checking Analysis
896 INFO: Building Analysis because Analysis-00.toc is non existent
897 INFO: Initializing module dependency graph...
899 INFO: Caching module graph hooks...
913 INFO: Analyzing base_library.zip ...
2674 INFO: Loading module hook 'hook-heapq.py' from 'C:\\ProgramData\\anaconda3\\envs\\My_38\\lib\\site-packages\\PyInstaller\\hooks'...
2843 INFO: Loading module hook 'hook-encodings.py' from 'C:\\ProgramData\\anaconda3\\envs\\My_38\\lib\\site-packages\\PyInstaller\\hooks'...
4015 INFO: Loading module hook 'hook-pickle.py' from 'C:\\ProgramData\\anaconda3\\envs\\My_38\\lib\\site-packages\\PyInstaller\\hooks'...
4917 INFO: Caching module dependency graph...
5040 INFO: running Analysis Analysis-00.toc
5043 INFO: Adding Microsoft.Windows.Common-Controls to dependent assemblies of final executable
required by C:\ProgramData\anaconda3\envs\My_38\python.exe
5225 INFO: Analyzing C:\Users\kdp\PycharmProjects\EXAM_PYTHON\YSY_python\day_0105\ex_func_01.py
5232 INFO: Processing module hooks...

EXAM_PYTHON > YSY_python > day_0109 > 임소영_파이썬 미니플렉스_아이디어.py

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3단계

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Project v
  build
  dist
  ex_func_01.py
  ex_func_01.spec
  ex_func_02.py
  ex_func_03.py
  ex_func_04.py
  ex_func_05.py
  ex_func_special_01.py
  ex_func_special_02.py
  ex_test_01.py
  work_01_05_unit22_임소영.py
  work_01_05_unit23_임소영.py
  work_01_05_unit24_임소영.py
  work_01_05_unit25_임소영.py
  work_01_05_unit26_임소영.py
  work_01_05_unit29_임소영.py
  work_01_05_unit30_임소영.py
  day_0106_work
  day_0108
  day_0109
    임소영_파이썬 미니프로젝트_1.py
    임소영_파이썬 미니프로젝트_2.py
    임소영_파이썬 미니프로젝트_3.py
    임소영_파이썬 미니프로젝트_4.py
    임소영_파이썬 미니프로젝트_5.py
    임소영_파이썬 미니프로젝트_최종
    임소영_파이썬 미니플렉스_아이디어.py
  day_1227
  day_1228
  day_1229
  optionone

Terminal Local x
6672 INFO: Building COLLECT because COLLECT-00.toc is non existent
6674 INFO: Building COLLECT COLLECT-00.toc
6789 INFO: Building COLLECT COLLECT-00.toc completed successfully.
(My_38) PS C:\Users\kdp\PycharmProjects\EXAM_PYTHON\YSY_python\day_0105>

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저거를 False로 바꾼 후 저장

그럼 해당 폴더에 가면 .exe 라고 적힌 파일을 실행하면 또다른 창에서 실행됨
함수만 있으면 실행됨 ○○