四、指定额外的文件一些应用程序在运行时需要额外的文件，诸如配置文件、字体、位图。

如果在安装脚本中用data\_files可选项指定了那些额外的文件，那么py2exe能将这些文件拷贝到dist子目录中。data\_files应包含一个元组(target-dir, files)列表，其中的files是这些额外的文件的列表。  
示例如下：

|  |  |  |
| --- | --- | --- |
| 01 | | #mysetup.py |
| 02 | from distutils.core import setup | |

|  |  |  |
| --- | --- | --- |
| 03 | | import glob |
| 04 | import py2exe | |

|  |  |  |
| --- | --- | --- |
| 05 | |  |
| 06 | setup(console=["helloworld.py"], | |

|  |  |  |
| --- | --- | --- |
| 07 | | data\_files=[("bitmaps", |
| 08 | ["bm/large.gif", "bm/small.gif"]), | |

|  |  |  |
| --- | --- | --- |
| 09 | | ("fonts", |
| 10 | glob.glob("fonts\\\*.fnt"))], | |

|  |  |
| --- | --- |
| 11 | ) |

说明：data\_files选项将创建一个子目录dist\bitmaps，其中包含两个.gif文件；一个子目录dist\fonts，其中包含了所有的.fnt文件。  
  
五、Windows NT services你可以通过传递一个service关键字参数给setup函数来建造Windows NT services  
,这个service参数的值必须是一个Python模块名(包含一service类)的列表。  
示例如下：

|  |  |  |
| --- | --- | --- |
| 1 | | #mysetup.py |
| 2 | from distutils.core import setup | |

|  |  |  |
| --- | --- | --- |
| 3 | import py2exe | |
| 4 | |  |

|  |  |
| --- | --- |
| 5 | setup(service=["MyService"]) |

所建造的可执行的service是可以通过在其后跟一定的命令行参数标记来自行安装和卸载的。你可以通过在这个可执行的service(exe)后跟一-help参数来得到更多的帮助。  
  
六、COM servers

你可以通过传递一个com\_server 关键字参数给setup函数来建造Windows NT services,这个service参数的值必须是一个Python模块名(包含一个或多个COM server 类)的列表。示例如下：# mysetup.pyfrom distutils.core import setupimport py2exesetup(com\_server=["win32com.server.interp"])默认情况下，DLL和EXE servers被建造，你不需要它们的话你可以简单的删除它们。

七、打包成一个exe

，如果要把python编译的所有文件打包到一个exe中，就需要在setup()这个函数中，要设置2个参数：options中的bundle\_files和zipfile。  
其中bundle\_files有效值为：  
3 (默认)不打包。  
2 打包，但不打包Python解释器。  
1 打包，包括Python解释器。  
example:

|  |  |
| --- | --- |
| 1 | options = {"py2exe":{"bundle\_files": 1}} |

zipfile的有效值为:  
不填(默认) 生成一个library.zip文件  
None 把所有东西打包进.exe文件中

贴一个自己写的代码

|  |  |  |
| --- | --- | --- |
| 01 | | #! /usr/bin/env python |
| 02 | # -\*- coding: utf-8 -\*- | |

|  |  |  |
| --- | --- | --- |
| 03 | |  |
| 04 | #安装成windows服务的python脚本 | |

|  |  |  |
| --- | --- | --- |
| 05 | | #内容： |
| 07 | from distutils.core import setup | |

|  |  |  |
| --- | --- | --- |
| 08 | import py2exe | |
| 09 | |  |

|  |  |  |
| --- | --- | --- |
| 10 | options = {"py2exe":{"compressed": 1, #压缩 | |
| 11 | | "optimize": 2, |

|  |  |  |
| --- | --- | --- |
| 12 | "bundle\_files": 1 #所有文件打包成一个exe文件 | |
| 13 | | }} |

|  |  |  |
| --- | --- | --- |
| 14 | |  |
| 15 | setup( | |

|  |  |  |
| --- | --- | --- |
| 16 | service=["PyWindowsService"], | |
| 17 | | options=options, |

|  |  |
| --- | --- |
| 18 | zipfile=None) |

**其他代码1**

from distutils.core import setup

import py2exe

setup(

version = "0.1",

description = "pro",

name = r"pro",

options = {"py2exe": {"compressed": 1,

"optimize": 2,

"ascii": 0,

"bundle\_files": 1}},

zipfile = None,

# targets to build

windows = [{"script": r"pro.pyw","icon\_resources":[(1,r"icon.ico")]} ],

)

**其他代码2**

setup(

windows=[{"script":"UI.py"}],

options={"py2exe":

{"bundle\_files": 1,

"dll\_excludes":["COMCTL32.dll","comdlg32.dll","RPCRT4.dll","ADVAPI32.dll","KERNEL32.dll","GDI32.dll","WSOCK32.dll","GDIplus.dll","MSVCP90.dll","msvcp71.dll","msvcm90.dll","OLE32.dll","WINMM.dll","OLEAUT32.dll","USER32.dll","SHELL32.dll"]}

},

zipfile = None

)