

## Test data for `test_zipfile`

The test executables in this directory are created manually from `header.sh` and the `testdata_module_inside_zip.py` file. You must have `infozip`'s `zip` utility installed ( `apt install zip` on Debian).

### Purpose

These are used to test executable files with an appended zipfile, in a scenario where the executable is *not* a Python interpreter itself so our automatic `zipimport` machinery (that'd look for `__main__.py` ) is not being used.

### Updating the test executables

If you update `header.sh` or the `testdata_module_inside_zip.py` file, rerun the commands below. These are expected to be rarely changed, if ever.

#### Standard old format (2.0) zip file

```
zip -0 zip2.zip testdata_module_inside_zip.py
cat header.sh zip2.zip >exe_with_zip
rm zip2.zip
```

#### Modern format (4.5) zip64 file

Redirecting from `stdin` forces `infozip`'s `zip` tool to create a `zip64`.

```
zip -0 <testdata_module_inside_zip.py >zip64.zip
cat header.sh zip64.zip >exe_with_z64
rm zip64.zip
```