Python Bindings

LEGEND

- Binary Code
- C Code
- Fortran Code
- Python Code

header.c
Exposing a C API

Legacy Code
C, C++ or Fortran

EMBED
define sources in setup.py
f2py is required if sources in Fortran

wrapper_capi.c
CPython C API

COMPILE

wrapper_capi.{so,dylib,pyd}
Python Module

EMBED
define shared library in setup.py

LOAD

COMPILE

Shared Library
liblegacy.{so,dylib,dll}

LOAD

wrapper_ctypes.py
ctypes or CFFI or SWIG

IMPORT

Python

EMBED
define shared library in setup.py

EMBED
define sources in setup.py
f2py is required if sources in Fortran

wrapper_cython.pyx
Cython

CYTHONIZE

wrapper_cython.c
Autogenerated C code

COMPILE

wrapper_cython.{so,dylib,pyd}
Python Module