

直接在 pyx 中, 混合 py code

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my_python.pyx

```
# cython syntax
cdef public void my_python_module():
    print('1234')
    my_python_module()

# python syntax
def my_python_module():
    print('1234')
```

main.c

```
#include <Python.h>
#include "my_python.h"

int main() {
    Py_Initialize();
    PyInit_my_python(); // init the python module
    my_python_module(); // call my python module
    Py_Finalize();
    return 0;
}
```

Build

cython -3 [my_python.pyx](#)

gcc [my_python.c](#) -o [my_python.o](#) -shared -pthread -fPIC -fwrapv -O2 -Wall -fno-strict-aliasing
-I/usr/include/python3.5

gcc main.c -o [main.o](#) -ldl [my_python.o](#) -I/usr/include/python3.5
-L/usr/lib/python3.5/config-3.5m-x86_64-linux-gnu -lpython3.5

```
jing@jing-pc:~/test/cython/call_cython/test0102$ cython my_python.pyx
warning: my_python.pyx:6:0: Overriding cdef method with def method.
jing@jing-pc:~/test/cython/call_cython/test0102$ gcc my_python.c -o my_python.o -shared -pthread
-fPIC -fwrapv -O2 -Wall -fno-strict-aliasing -I/usr/include/python3.5
jing@jing-pc:~/test/cython/call_cython/test0102$ gcc main.c -o main.o -ldl my_python.o -I/usr/inc
lude/python3.5 -L/usr/lib/python3.5/config-3.5m-x86_64-linux-gnu -lpython3.5
jing@jing-pc:~/test/cython/call_cython/test0102$ ls
a.out  main.c  main.o  my_python.c  my_python.h  my_python.o  my_python.pyx
jing@jing-pc:~/test/cython/call_cython/test0102$ ./main.o
1234
1234
jing@jing-pc:~/test/cython/call_cython/test0102$ vi my_python.pyx
```