从官网下载mavlink（git clone https://github.com/mavlink/mavlink.git)

然后进入mavlink 目录执行 git submodule update --init --recursive 下载全部子模块

在本目录下执行python -m mavgenerate 提示：

[IMG_256](http://www.cnblogs.com/shushanxiaoyao/p/javascript:void(0);" \o "复制代码)

$ python -m mavgenerate

Traceback (most recent call last):

File "/usr/lib/python2.7/runpy.py", line 162, in \_run\_module\_as\_main

"\_\_main\_\_", fname, loader, pkg\_name)

File "/usr/lib/python2.7/runpy.py", line 72, in \_run\_code

exec code in run\_globals

File "/home/ev/work/px4/mavlink/mavgenerate.py", line 42, in <module>

from pymavlink.generator import mavgen

File "pymavlink/generator/mavgen.py", line 12, in <module>

from future import standard\_library

ImportError: No module named future

ev@Ev-Mayca:~/work/px4/mavlink$ python -m mavgenerate

Traceback (most recent call last):

File "/usr/lib/python2.7/runpy.py", line 162, in \_run\_module\_as\_main

"\_\_main\_\_", fname, loader, pkg\_name)

File "/usr/lib/python2.7/runpy.py", line 72, in \_run\_code

exec code in run\_globals

File "/home/ev/work/px4/mavlink/mavgenerate.py", line 42, in <module>

from pymavlink.generator import mavgen

File "pymavlink/generator/mavgen.py", line 12, in <module>

from future import standard\_library

ImportError: No module named future

[IMG_257](http://www.cnblogs.com/shushanxiaoyao/p/javascript:void(0);" \o "复制代码)

提示没有future模块，解决方案如下

1、安装python3

sudo apt-get install python3

2、安装

sudo apt-get install python3-tk

3、安装pip3

wget https://bootstrap.pypa.io/get-pip.py

sudo python3 get-pip.py

4、执行

sudo pip3 install future  
5、执行

python3 -m mavgenerate  
6、选择xml文件、选择输出文件夹、选择语言，点击确定

xml选择mavlink/message\_definitions/v1.0/common.xml

另外个输出文件夹随便选

语言根据需要选择