

Download MXOS MQTT demos

► Before Download

Please follow steps in MXCHIP_MXOS_Docs/2. Developing Environment Configuration/
(https://github.com/MXCHIP/MXCHIP_MXOS_Docs) to configure developing tools first.

► Step 1

- Input command in git bash: *git clone https://code.aliyun.com/mico/mqtt.git*

```
neofr@LAPTOP-QPKRTNGJ MINGW64 /d/New
$ git clone https://code.aliyun.com/mico/mqtt.git
Cloning into 'mqtt'...
remote: Counting objects: 77, done.
remote: Total 77 (delta 15), reused 77 (delta 15)
Unpacking objects: 100% (77/77), 29.60 KiB | 137.00 KiB/s, done.
```

► Step 2

- Use command `git checkout mxos` with git bash in mqtt demo path.

```
neofr@LAPTOP-QPKRTNGJ MINGW64 /d/New/mqtt (master)
$ git checkout mxos
Switched to a new branch 'mxos'
Branch 'mxos' set up to track remote branch 'mxos' from 'origin'.

neofr@LAPTOP-QPKRTNGJ MINGW64 /d/New/mqtt (mxos)
$
```

► Step 3

- Use command *mxos deploy* with git bash in mqtt demo path.

```
neofr@LAPTOP-QPKRTNGJ MINGW64 /d/New/mqtt (mxos)
$ mxos deploy
[mxos] Adding component "lib_mqtt" from "https://code.aliyun.com/mico/lib_mqtt.git" at rev #1ea18df1634f
[mxos] Adding component "mxos" from "https://code.aliyun.com/mxos/mxos.git" at rev #498189127205
```

► Step 4

- Update lib_mqtt and mxos to latest

Update lib_mqtt:

Use *git checkout master* with git bash in lib_mqtt path to confirm in master branch

Use *git pull* to confirm to be the latest version

Update mxos:

Use command *git checkout master* with git bash in mxos path.

Use *git pull* to confirm to be the latest version

```
neofr@LAPTOP-QPKRTNGJ MINGW64 /d/New/mqtt (mxos)
$ cd mxos

neofr@LAPTOP-QPKRTNGJ MINGW64 /d/New/mqtt/mxos ((49818912...))
$ git checkout master
Updating files: 100% (988/988), done.
Previous HEAD position was 49818912 [mx1270] 儲存格mx1270塞撒构涕讹経澧始娼mos_th
read_join淪疼幫
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

neofr@LAPTOP-QPKRTNGJ MINGW64 /d/New/mqtt/mxos (master)
$ git pull
Already up to date.
```

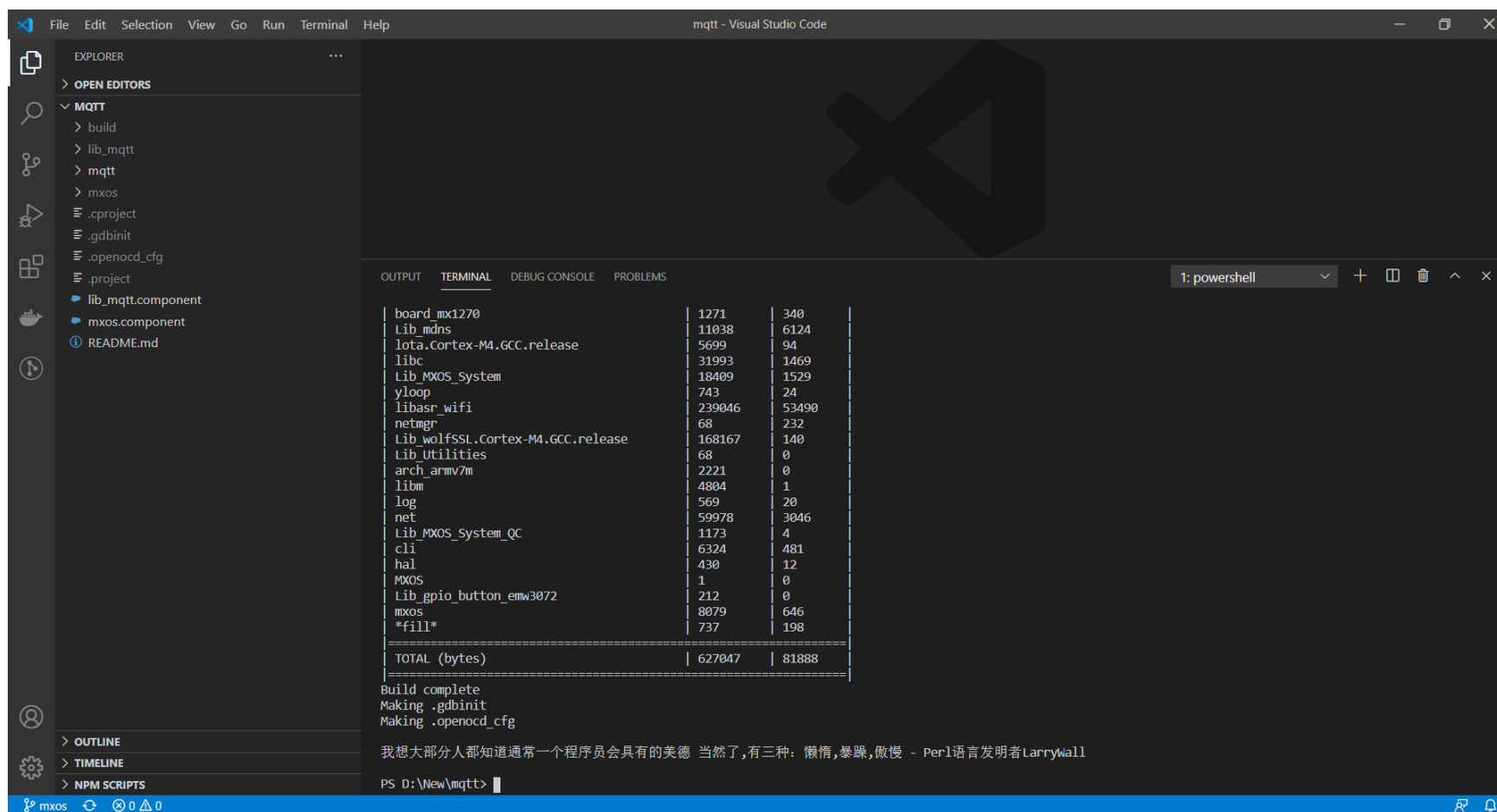
```
neofr@LAPTOP-QPKRTNGJ MINGW64 /d/New/mqtt (mxos)
$ cd lib_mqtt

neofr@LAPTOP-QPKRTNGJ MINGW64 /d/New/mqtt/lib_mqtt (master)
$ git checkout master
Already on 'master'
Your branch is up to date with 'origin/master'.

neofr@LAPTOP-QPKRTNGJ MINGW64 /d/New/mqtt/lib_mqtt (master)
$ git pull
Already up to date.
```


Step 5

- Open SDK with Visual studio Code and compile with command:
Example with EMW3072: `mxos make mqtt@emw3072 TLS=`



```
board_mx1270      1271      340
Lib_mdns          11038     6124
lota.Cortex-M4.GCC.release  5699      94
libc             31993     1469
Lib_MXOS_System   18409     1529
yloop            743       24
libasr_wifi       239046    53490
netmgr            68       232
Lib_wolfSSL.Cortex-M4.GCC.release  168167    140
Lib_Uutilities     68        0
arch_armv7m       2221        0
libm              4804        1
log               569       20
net              59978     3046
Lib_MXOS_System_QC  1173        4
cli              6324     481
hal               430       12
MXOS              1         0
Lib_gpio_button_emw3072  212        0
mxos             8079     646
*fill*            737     198
=====
TOTAL (bytes)      627047    81888
=====
Build complete
Making .gdbinit
Making .openocd_cfg
```

我想大部分人都知道通常一个程序员会具有的美德 当然了,有三种: 懒惰,暴躁,傲慢 - Perl语言发明者LarryWall

PS D:\New\mqtt>



THANKS