

- [Asterisk Cross-Compile for STLinux\(NextVOD\)](#)
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**?? porting APP ??? (non cross compile)**

???? STLinux ????? APP????? cross-compile???? x86 ??????????????????  
 ? OpenSSL ???

1. ? x86 ? Ubuntu ??????? OpenSSL
2. ?? rpm ??? OpenSSL ???????
3. ?????????????????????
4. ???

**? x86 ?????? OpenSSL**

```
cd /opt/STM/STLinux-2.3/host/bin
sudo ./stmyum search openssl
```

```
stlinux23-sh4-openssl.sh4      1.0.0j-20      installed
```

Matched from:

```
stlinux23-sh4-openssl
```

The OpenSSL Project is a collaborative effort to develop a robust, commercial-grade, fully featured, and Open Source toolkit implementing the Secure Sockets Layer (SSL v2/v3) and Transport Layer Security (TLS v1) protocols as well as a full-strength general purpose cryptography library. The project is managed by a worldwide community of volunteers that use the Internet to communicate, plan, and develop the OpenSSL toolkit and its related documentation.

OpenSSL is based on the excellent SSLeay library developed from Eric A. Young and Tim J. Hudson. The OpenSSL toolkit is licensed under an Apache-style licence, which basically means that you are free to get and use it for commercial and non-commercial purposes.

This package contains the base OpenSSL cryptography and SSL/TLS libraries and tools.

<http://www.openssl.org/>

????????????????????? ./stmyum install <??????>?

????? stmyum ?????????? <http://www.stlinux.com/install/distribution/STMYUM>

???? openssl ????????????

sudo rpm -ql stlinux23-sh4-openssl

```
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/bin/openssl
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/bin/ssleay
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/lib4758cca.so
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/libaep.so
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/libatalla.so
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/libcapi.so
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/libchil.so
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/libcswift.so
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/libgmp.so
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/libgost.so
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/libnuron.so
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/libpadlock.so
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/libsureware.so
/opt/STM/STLinux-2.3/devkit/sh4/target/usr/lib/engines/libubsec.so
...
...
```

- ?????????? doc, man, include ??????????
- ?????????? /opt/STM/STLinux-2.3/devkit/sh4/target ????????????????

?? firmware ????

<http://notepad2.blogspot.tw/2012/05/...e-archive.html>