



STLinux ????? Ubuntu/Debian ? RedHat/CentOS ????

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- Ubuntu 8.04.4/10.10
- STLinux 2.3
- ??? (?????????????)

??????

? /bin/sh ?? bash???Ubuntu ???? dash?

```
sudo apt-get install bash
sudo dpkg-reconfigure dash <? NO>
```

?? rpm

```
sudo apt-get install rpm
sudo apt-get install python-urlgrabber python-rpm python-sqlitecachec python-libxml2
```

```
wget http://www.stlinux.com/sites/default/files/stlinux23-host-STLinux_deps-0.1-5.i386.rpm
sudo rpm -ivh stlinux23-host-STLinux_deps-0.1-5.i386.rpm
```

???? ?? **STLinux** (? **ISO** ???? **Ubuntu 8**)

?? STLinux 2.3 ISO

```
wget ftp://ftp.stlinux.com/pub/stlinux/2.3/iso/STLinux-2.3-sh4-03-11-07.iso
```

?? ISO ?

```
sudo mkdir /mnt/iso
sudo mount -o loop STLinux-2.3-sh4-03-11-07.iso /mnt/iso
```

?? STLinux

```
cd /mnt/iso
sudo ./install all-sh4-glibc
```

?????? **STLinux** (??????? **Ubuntu 10** ??????)

```
wget ftp://ftp.stlinux.com/pub/stlinux/2.3/install
```

```
?????? install????????????????????
? 356? "yum-wavefront-3.2.24-1.i386" ?? "yum-wavefront-3.2.24-3.i386"
? 358? yum-2.6.1-17.i386 ?? "yum-2.6.1-19.i386" ?????????19)
```

????????install?
intstal????????????????

????

sudo ./install --debian all-sh4-glibc

????????????????(5XX ?)????????????

Complete!
Warning, could not load sqlite, falling back to pickle

```
*****
*      INSTALLATION COMPLETED      *
*                                  *
* Website: http://www.stlinux.com    *
* Support: https://bugzilla.stlinux.com *
*                                  *
*****
```

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?? STLinux ????

cd /opt/STM/STLinux-2.3/host/bin/
sudo ./stmyum update

TIPS:

?????? 38 ?
?????? 286 ?

?? Cross-Compile ??? PATH

> vi ~/.profile

?????
for STLinux Cross-Compile
export PATH="\$PATH:/opt/STM/STLinux-2.3/devkit/sh4/bin"

????

> . ~/.profile

> sh4-linux-gcc -v

Using built-in specs.

Target: sh4-linux

Configured with: ../configure --target=sh4-linux --prefix=/opt/STM/STLinux-2.3/devkit/sh4 --exec-prefix=/opt/STM/STLinux-2.3/devkit/sh4 --bindir=/opt/STM/STLinux-2.3/devkit/sh4/bin --sbindir=/opt/STM/STLinux-2.3/devkit/sh4/sbin --sysconfdir=/opt/STM/STLinux-2.3/devkit/sh4/etc --datadir=/opt/STM/STLinux-2.3/devkit/sh4/share --includedir=/opt/STM/STLinux-2.3/devkit/sh4/include --libdir=/opt/STM/STLinux-2.3/devkit/sh4/lib --libexecdir=/opt/STM/STLinux-2.3/devkit/sh4/libexec --localstatedir=/opt/STM/STLinux-2.3/devkit/sh4/var --sharedstatedir=/opt/STM/STLinux-2.3/devkit/sh4/share --mandir=/opt/STM/STLinux-2.3/devkit/sh4/man --infodir=/opt/STM/STLinux-2.3/devkit/sh4/info --enable-checking=assert --program-prefix=sh4-linux- --with-local-prefix=/opt/STM/STLinux-2.3/devkit/sh4 --with-sysroot=/opt/STM/STLinux-2.3/devkit/sh4/target --enable-languages=c,c++ --enable-threads=posix --enable-nls --enable-c99 --enable-long-long --with-system-zlib --enable-shared --disable-libgomp --enable-multilib --with-multilib-list=m4,m4-nofpu --enable-symvers=gnu --with-gxx-include-dir=\${prefix}/target/usr/include/c++/4.2.4 --enable-__cxa_atexit

Thread model: posix

gcc version 4.2.4 (snapshot) (STMicroelectronics/Linux Base 4.2.4-73)

Cross-Compile ????

???????

Tool	Native Name	STLinux
GNU C Compiler	gcc	sh4-linux-gcc
GNU C++ Compiler	g++	sh4-linux-g++
GNU C++ Pre-processor	cpp	sh4-linux-cpp
GNU Linker	ld	sh4-linux-ld
GNU Assembler	as	sh4-linux-as
GNU Librarian	ar	sh4-linux-ar

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- <http://stlinux.com/install/ubuntu>
- [ubuntu 10.04 ?? STLinux 2.3](#)
- <http://iamhahar.blogspot.tw/2012/08/blog-post.html>
- [??????? Kernel](#)

- <http://xiaolaba.wordpress.com/tag/%E...8%82%E9%80%9A/>
- <http://www.twpda.com/2012/10/nextvod...le-kernel.html>