

# Software

## Debian/Ubuntu Install GCC 4.7 ARM Cross Compiler

Lets install a more recent version of the GCC ARM Cross Compiler.

update your /etc/apt/sources.list to include

```
deb http://www.emdebian.org/debian/ unstable main
```

```
apt-get update
```

```
apt-get install emdebian-archive-keyring
```

```
apt-get install gcc-4.7-arm-linux-gnueabi
```

make sure that the appropriate links for the compiler are created. If not create them manually.

```
cd /usr/bin
```

```
sudo ln -s arm-linux-gnueabi-gcc-4.7 arm-linux-gnueabi-gcc
```

```
sudo ln -s arm-linux-gnueabi-cpp-4.7 arm-linux-gnueabi-cpp
```

```
sudo ln -s arm-linux-gnueabi-gcc-ar-4.7 arm-linux-gnueabi-gcc-ar
```

```
sudo ln -s arm-linux-gnueabi-gcc-nm-4.7 arm-linux-gnueabi-gcc-nm
```

```
sudo ln -s arm-linux-gnueabi-gcc-ranlib-4.7 arm-linux-gnueabi-gcc-ranlib
```

```
sudo ln -s arm-linux-gnueabi-gcov-4.7 arm-linux-gnueabi-gcov
```

```
cd ~/
```

verify the compiler is properly installed.

```
arm-linux-gnueabi-gcc --version
```

```
arm-linux-gnueabi-gcc (Debian 4.7.2-5) 4.7.2
```

```
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```

```
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warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
```

```
Unique solution ID: #1017
```

```
Author: Michael McAndrew
```

```
Last update: 2014-01-31 08:16
```