

Raspberry Pi • View topic - [TIP] Compile Bluecove to Raspberry (Java+Bluetooth)

by [ricardojlrufino](#) » Sat Oct 11, 2014 4:09 pm

Here is a quick guide to compile the library "BlueCove" for Raspberry.

On Raspberry:

Linux Requirements

```
sudo apt-get install bluetooth bluez-utils blueman  
sudo apt-get install libbluetooth-dev  
sudo apt-get install ant
```

Download SNAPSHOT sources

Download bluecove.jar dependency

Back and compile

```
cd ../../bluecove-gpl-2.1.1-SNAPSHOT  
ant all
```

Copy to desktop:

```
scp target/bluecove-gpl-2.1.1-SNAPSHOT.jar username@192.168.0.XXX:~
```

On Desktop

If you use maven, install on local repo (optional)

```
mvn install:install-file -Dfile=bluecove-gpl-2.1.1-SNAPSHOT.jar -DgroupId=net.sf.bluecove \\\n-DartifactId=bluecove-gpl-arm -Dversion=2.1.1-SNAPSHOT -Dpackaging=jar
```

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by [ricardojlrufino](#) » Sat Oct 11, 2014 6:43 pm

If you want something easier, just use the repository

Posts: 3**Joined:** Sat Oct 11, 2014 3:57 pmby [HarveyAdcock](#) » Fri Jul 22, 2016 5:26 pm

Were you/anyone else ever able to pair a device using bluecove? I've been having some trouble and from what I can read in the source code and documentation, it looks like the

`authenticate`

method is what I'm after, however it seems to be unimplemented in BluetoothStackBlueSoleil.java (just returning false whatever the arguments). If not, does this mean bluecove is unsuitable for projects requiring pairing (and also that bluecove was essentially abandoned before implementing this 8 years ago!).

Posts: 1**Joined:** Tue Jun 21, 2016 3:57 pm