

# Practical session 3: Packaging a Java library

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# Practical session 3: packaging a Java library

❶ Take a quick look at some documentation about Java packaging:

- ▶ <http://wiki.debian.org/Java>
- ▶ <http://wiki.debian.org/Java/Packaging>
- ▶ <http://www.debian.org/doc/packaging-manuals/java-policy/>
- ▶ <http://pkg-java.alioth.debian.org/docs/tutorial.html>
- ▶ Paper and slides from a Debconf10 talk about javahelper:  
<http://pkg-java.alioth.debian.org/docs/debconf10-javahelper-paper.pdf>  
<http://pkg-java.alioth.debian.org/docs/debconf10-javahelper-slides.pdf>

❷ Download IRClib from <http://moepii.sourceforge.net/>

❸ Package it



## Step by step...

- ▶ `apt-get install javahelper`
- ▶ Create a basic source package: `jh_makepkg`
  - ▶ Library
  - ▶ None
  - ▶ Default Free compiler/runtime
- ▶ Look at and fix `debian/*`
- ▶ `dpkg-buildpackage -us -uc` OR `debuild`
- ▶ `lintian`, `debc`, etc.
- ▶ Compare your result with the `libirc-lib-java` source package

