Android - Spongy Castle

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<http://rtyley.github.com/spongycastle/>

<http://www.jarvana.com/jarvana/view/com/madgag/scprov-jdk15/1.46.99.2-UNOFFICIAL-ROBERTO-RELEASE/scprov-jdk15-1.46.99.2-UNOFFICIAL-ROBERTO-RELEASE-javadoc.jar!/index.html>

is bouncy castle but in a wrapper in order to make it compatible with android

* all package names have been moved from **org.bouncycastle.\*** to **org.spongycastle.\*** - to avoid classloader conflicts
* the Java Security API Provider name is now **SC** rather than **BC**
* no class names change, so the BouncyCastleProvider class remains Bouncy, not Spongy, but moves to the **org.spongycastle.jce.provider** package.

BouncyCastle

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Most popular and commonly used java extension. Provides most needed cryptographic capabilities such as signatures, ciphers, certificates, keys, etc…

More functionality.

Could potentially throw in the most updated version without interfering with Androids spongy castle by doing this:

<http://www.unwesen.de/2011/06/12/encryption-on-android-bouncycastle/>

Will allow for much more functionality then spongy castle.

<http://www.anagram.com/berson/skyeval.pdf>

<http://blog.deepsec.net/?p=618>