Installation Instructions for SCAPI

These instructions are meant for developers using Eclipse

**Needed files**

1. Scapi-V2-2-0.jar
2. bcprov-jdk16-146.jar (Bouncy Castle)
3. commons-exec-1.1.jar (utilities from Apache)
4. lib folder containing Miracl, Crypto++, NTL and OpenSSL DLLs
   1. The lib\_32bit folder should be used for 32-bit eclipse installations
   2. The lib\_64bit folder should be used for 64-bit eclipse installations
5. propertiesFiles folder (Do not change the name of the folder. It includes necessary configuration data)
6. msvcp100.dll and msvcr100.dll (Microsoft DLLs used by the native code)

**To install**

1. Configure build path: go to Libraries tab, and add external JARS. Add:
   1. Scapi-V2-2-0.jar
   2. bcprov-jdk16-146.jar
   3. commons-exec-1.1.jar (from Apache)
2. Configure build path: go to Source tab and locate the Native Library Location section. Add:
   1. The lib folder where you have the Miracl, Crypto++, NTL and OpenSSL DLLs
3. Place the propertiesFiles folder in the output folder (usually bin) of your running project. (This will be changed in the future)
4. Place the msvcp100.dll and msvcr100.dll in [C:]\Windows\System32 folder if they are missing there.