



# AppAble for Java Desktop Applications

## Reference Guide

### Introduction:

The baKno AppAble library allows Java developers to make desktop applications that connect to Intel's app store either on Windows or Linux operating systems.

### Package Contents:

- The Software License Agreement (License.txt)
- The AppAble Library files (Library)
- A sample Java project that connects to the store (Sample)
- HTML documentation for the library (Documentation)
- A guide to create the MSI file for submission

### Developer requirements:

- The Intel's App store SDK. <http://appdeveloper.intel.com/en-us/>
- Java Development Kit 1.6. <http://java.sun.com/javase/downloads/index.jsp>

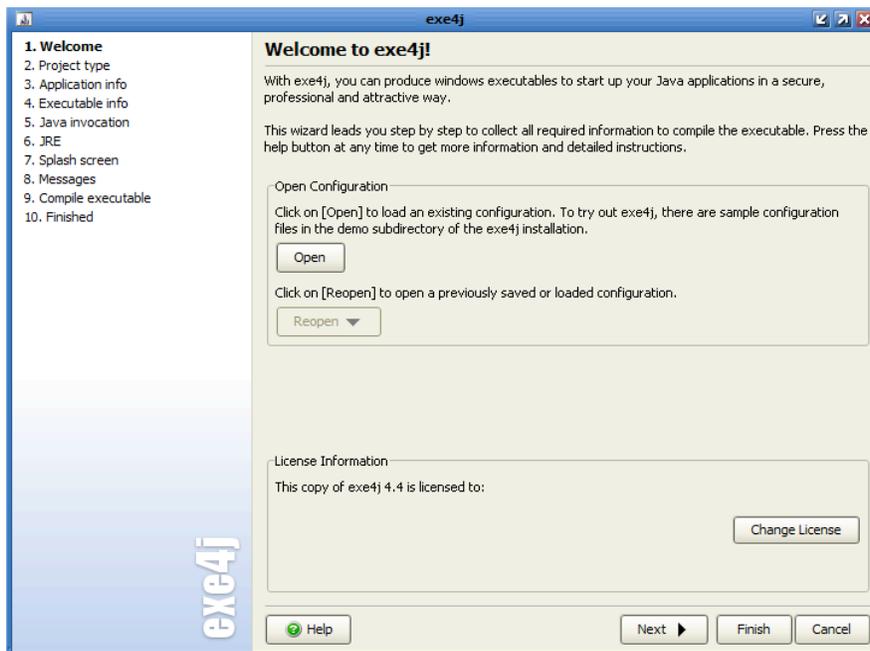
## How to use the SDK:

There are two environments, Debug and Production. The idea is to develop under Debug and only when everything works, change to Production to build the final application and submit it to the AppUp store.

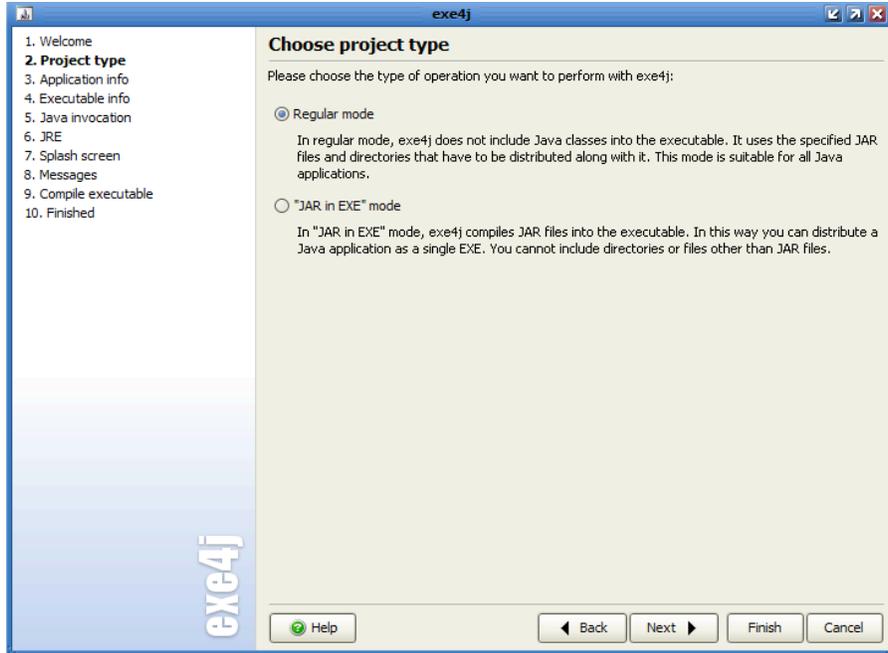
To test your Debug application you need to run the “Application Test and Debug Service” (ATDS), a command line application that emulates a communication to the AppUp store. Then run the Debug application and check if all communication stages work as described on the docs. This ATDS is run with the file named “runATDS.bat”, and stopped with “stopATDS.bat”, both files located within the SDK directory.

## Deployment of a Java Application as a Windows .exe file

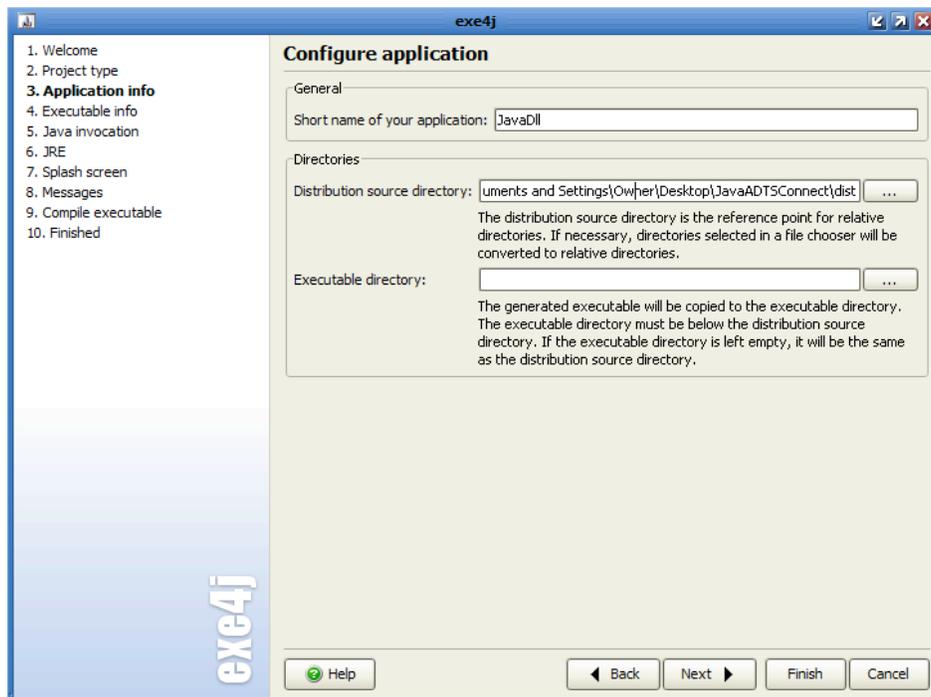
Java compiles desktop applications as a jar file. However, there are external tools that will wrap the files as a standalone exe application. One recommended is exe4j ([download a trial version](#)) that performs the task quick and easy.



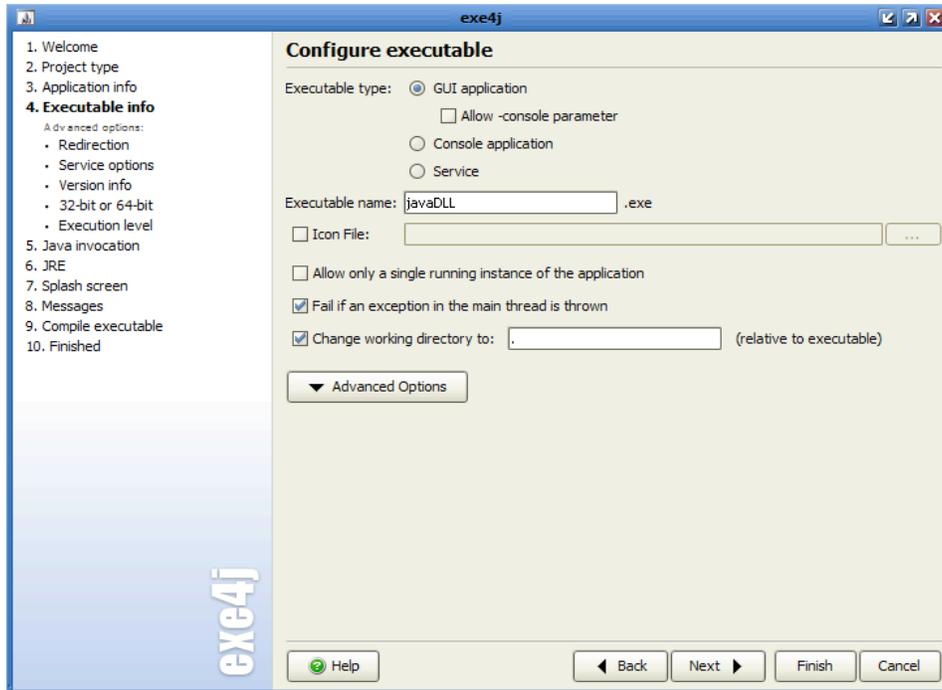
On the next screen, choose to package in Regular mode



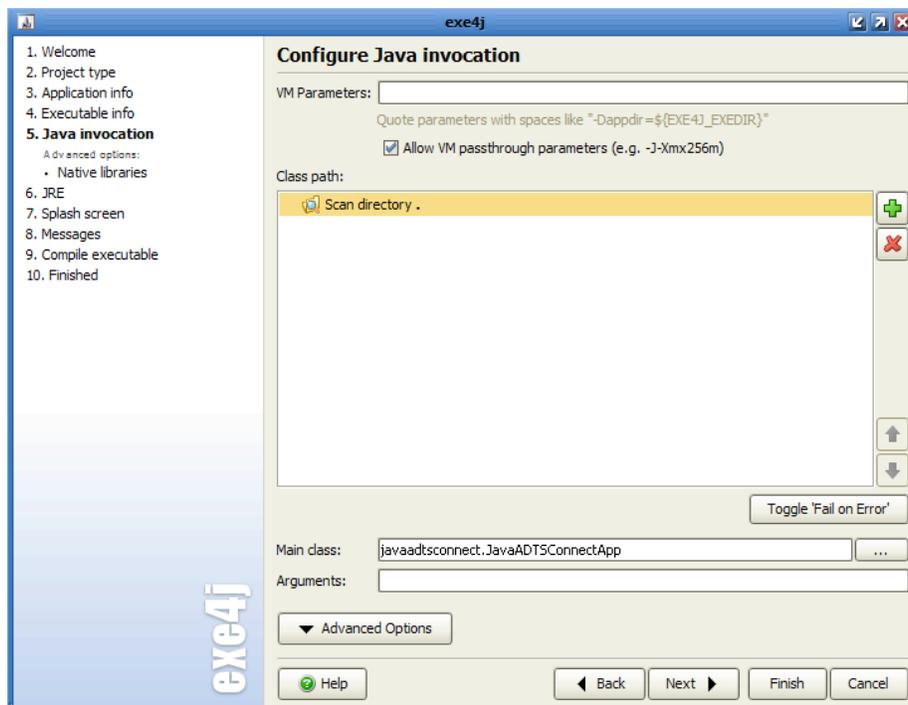
On the third screen, name the application and select the distribution folder of the Java application.



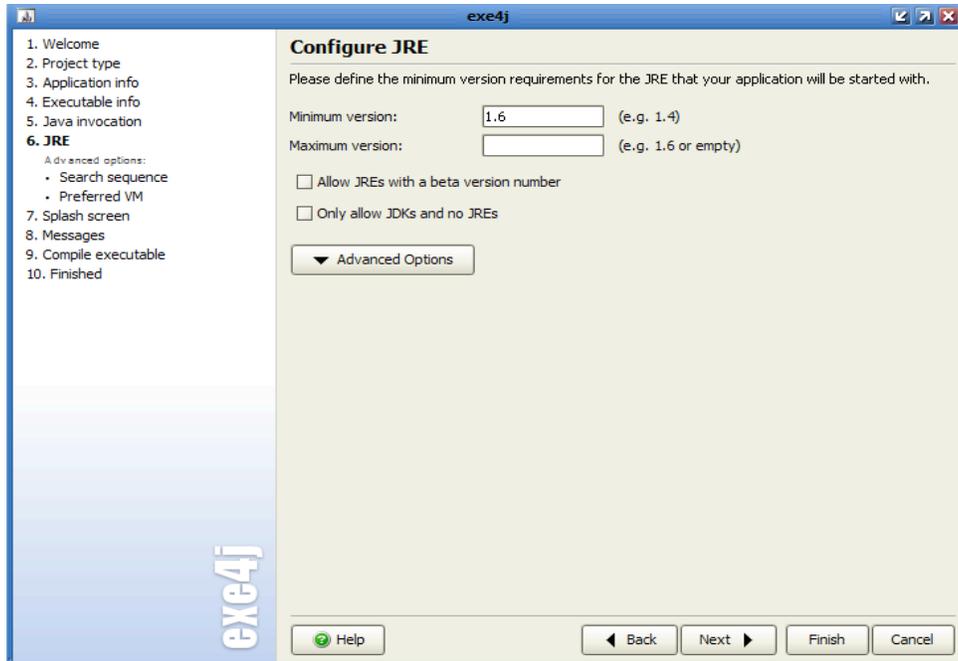
Then, name the executable file.



Add the entire distribution folder of the Java application to the classpath and write the main class that starts the application.



Configure the minimum version of the JRE required to run the application.



Finally you keep going next and at the end an executable file will appear on the distribution folder of the Java application