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Creating a macOS.app with IntelliJ and jpackage

Step 1: Build .jar File in IntelliJ

1. Open Java project in IntelliJ
2. Go to File > Project Structure
3. In the **Artifacts** section:
 - Click + > JAR > From modules with dependencies
 - Choose main class
 - Make sure "Include in project build" is checked
4. Click **OK**
5. Go to Build > Build Artifacts > Build

Step 2: Create .app Using jpackage

1. Enter this command in terminal:

```
jpackage \  
  --type app-image \  
  --name MyApp \  
  --input out/artifacts/YourAppName_jar \  
  --main-jar YourAppName.jar \  
  --main-class your.package.MainClass \  
  --icon path/to/icon.icns
```

Note: If the app doesn't have any icons, then the last line can be eliminated.

2. After running this, a MyApp.app file will be created

Step 3: Run .app via Terminal

In order to see System.out.println() output or view exceptions/missing resource errors, open terminal and run:

```
./MyApp.app/Contents/MacOS/MyApp
```

