

# Running the Java Custom Callback Example

## Overview

These files can be used to create a `WindwardCustomCallback.jar` file containing your own custom callbacks, which are called by the Windward Java engine during particular events, version 13.0.0.0 or newer is required.

The `CustomCallbackExample.ipr` is a project file for IntelliJ, a Java IDE.

## Important Notes

1. Compile using Java version 1.4 or earlier.
2. Do not change the version of the JAR created using this code.
3. To use, replace the assembly of the same (`WindwardCustomCallback.jar`) name if it exists in the folder where you installed the Java engine.

## Requirements

- Windward Reports Java Engine
  - Available from the [Windward downloads](#) page.
- IntelliJ IDEA
  - Available from <http://www.jetbrains.com/idea/download/index.html> Tutorial

### Step 1: Creating Custom Callbacks

1. Open Catapult. (Found under Start -> All Programs -> Windward Studios -> Windward Reports Java Engine -> Java Engine Help Launcher)
2. In the Catapult menu, click the CustomCallback tab.
3. Click the Project file button.

*In the file `WindwardCustomCallbacks.java`, you can replace the code called in the Callbacks listed. Currently the only callback used is "ApproveSelect" which is called whenever the engine makes a call to your datasource. You can approve a select by just returning the select passed in, modify the select and return it or deny it by throwing a `datasourceexception`.*

4. Click Build, Rebuild Project.

## **Step 2: Installing WindwardCustomCallbacks.jar for use with the Java Engine**

1. In Catapult's Custom Callbacks tab, click the source button.
2. In the source folder, go to out, artifacts, WindwardCustomCallbacks.
3. Copy the file WindwardCustomCallbacks.jar
4. Navigate to the install directory of the Java Engine.
5. Open the folder jar.
6. Delete the current WindwardCustomCallbacks.jar file if it exists.
7. Paste your new file in its place.