

## How to add CartServices Jar to Android project with Android Studio 1.3.2

Because it took a lot of time sorting through the combined discussion on how to get the CartServices to work, I compiled all the steps I followed in one message. Thank you to everyone that shared information with the class to resolve this issue.

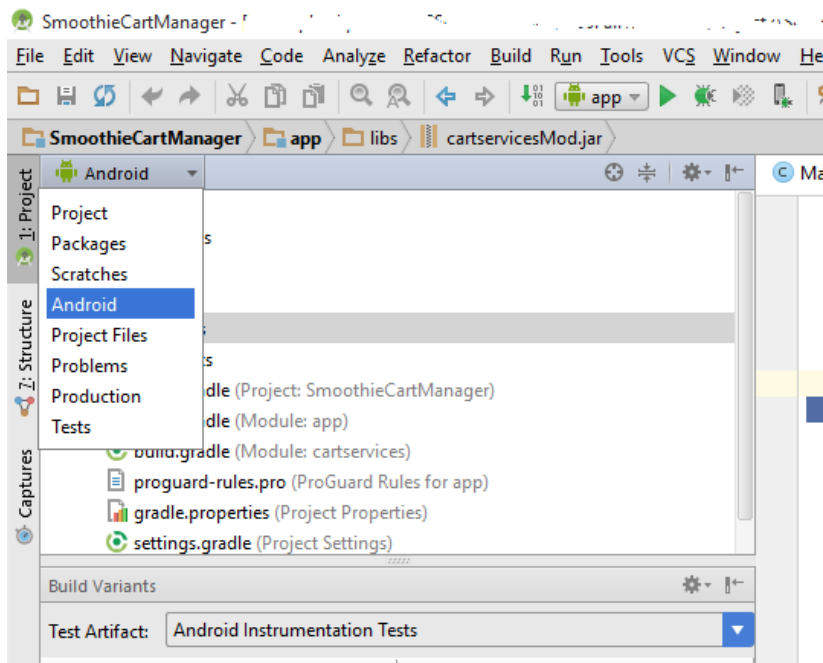
**1)** Make sure you have JDK 1.7.0\_79 installed (<http://www.oracle.com/technetwork/java/javase/downloads/jdk7-downloads-1880260.html>)

Also for windows, make sure you are using correct version 32 bit or 64 bit

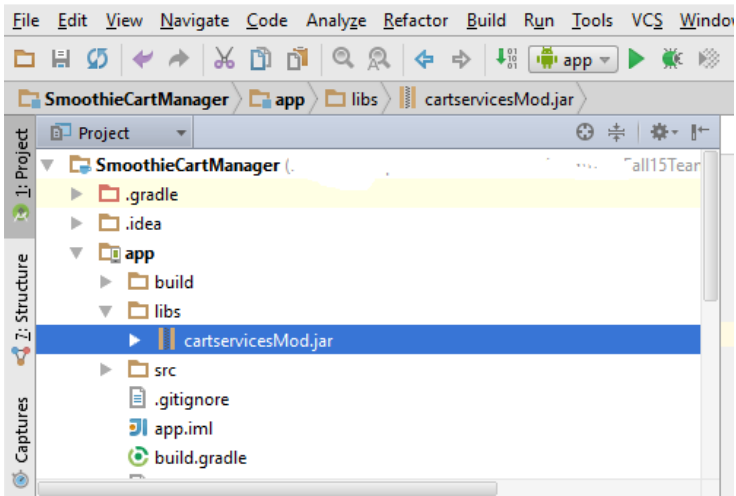
**2)** Get John's Mod Lib (or updated Lib from Prof) John's is working. John's Mod jar file can be found in article @1144 in Piazza. I cannot confirm the Professor's version is working or not. Since this whole process took an extremely long time and effort to sort out, once I got John's working, I stopped trying.

**3)** Put the CatService jar file in the SmoothieCartManager/app/Libs directory. (create the directory if not present)

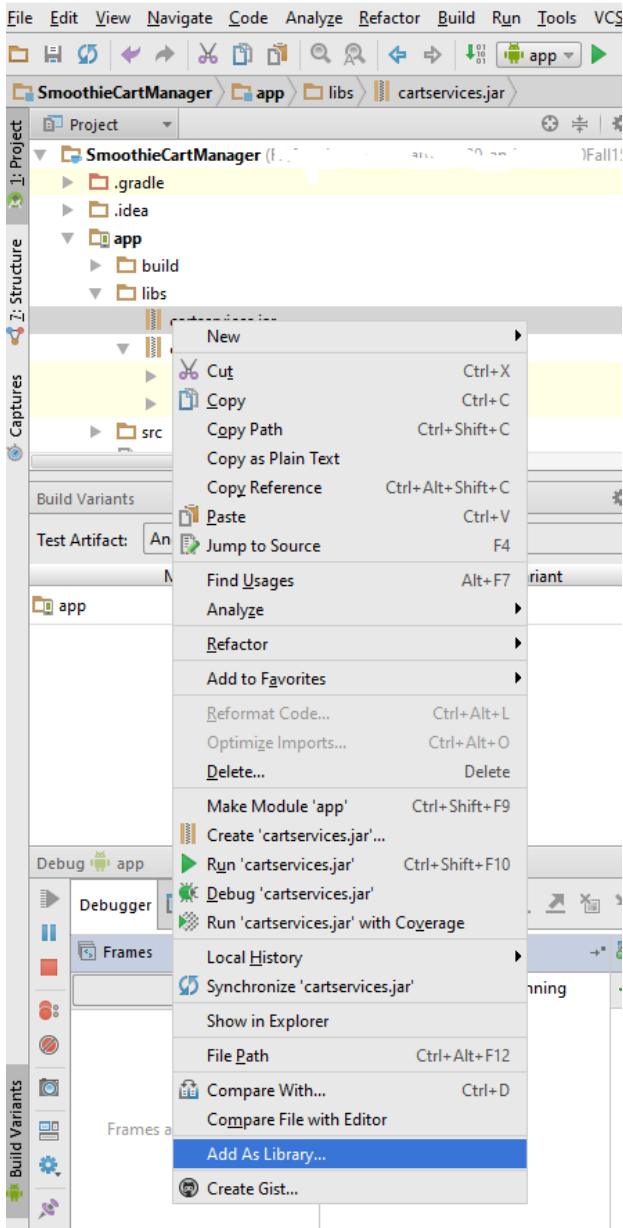
**4)** Select the jar file inside **Android Studio v1.3.2** (this stuff seems to vary with different versions of Android Studio) in the libs folder in the project. If you **DO NOT SEE** a libs folder (*as I did not*), click on the **"Android"** menu on top of the Project Tree View and select Project.



After you select project, you should see Libs and be able to drill down to the jar file:



Right click on the Jar File and select “Add as Jar File”:



5) Rebuild project. This should build without Warnings or Errors if all is well.

6) To test the functions, do the following:

a) You can write the following import at the top of any class:

```
package edu.gatech.seclass.scm;

import android.content.Intent;
import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.Toast;

import java.text.SimpleDateFormat;

import java.util.Calendar;
import java.util.Date;
```

```
import edu.gatech.seclass.services.QRCodeService;    // ←--- This is the line
```

b) Add the following call to call a method in the library:

```
String foo = QRCodeService.scanQRCode();
```

If you get back a value similar to “**b53b7c86ffeeaddbbe352f1f4dcd8e1a**”, it is working.