



## Wanda POS Deployment In Netbeans IDE

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## 0.1 Introduction

This Wanda POS Developer Guide is relevant to all versions and it's aimed at developers and advanced users with Java development skills who want to "tweak" Wanda POS.

You can download Wanda POS Source Code here :

<https://github.com/tatiotir/WandaPOS>. You can clone the project on your machine using Git : **git clone https://github.com/tatiotir/WandaPOS**.

First of all we need to thanks to :

1. github support for open source project. We used it to manage and develop Wanda POS.
2. BitRock's InstallBuilder. We used it to create smaller and faster Wanda POS installers.

## 0.2 Using Netbeans

The Swing components in Wanda POS are particular to Netbeans and use the .form extension which only Netbeans is able to read. If you peek under the hood you will see they are in XML format.

Having downloaded the Wanda POS Source Code and set up Netbeans you are now ready to create a new Netbeans project . First of all you will need to unzip the Wanda POS Source Code Download into a new folder. Netbeans has a New Project Wizard which will help you get up and running quickly.

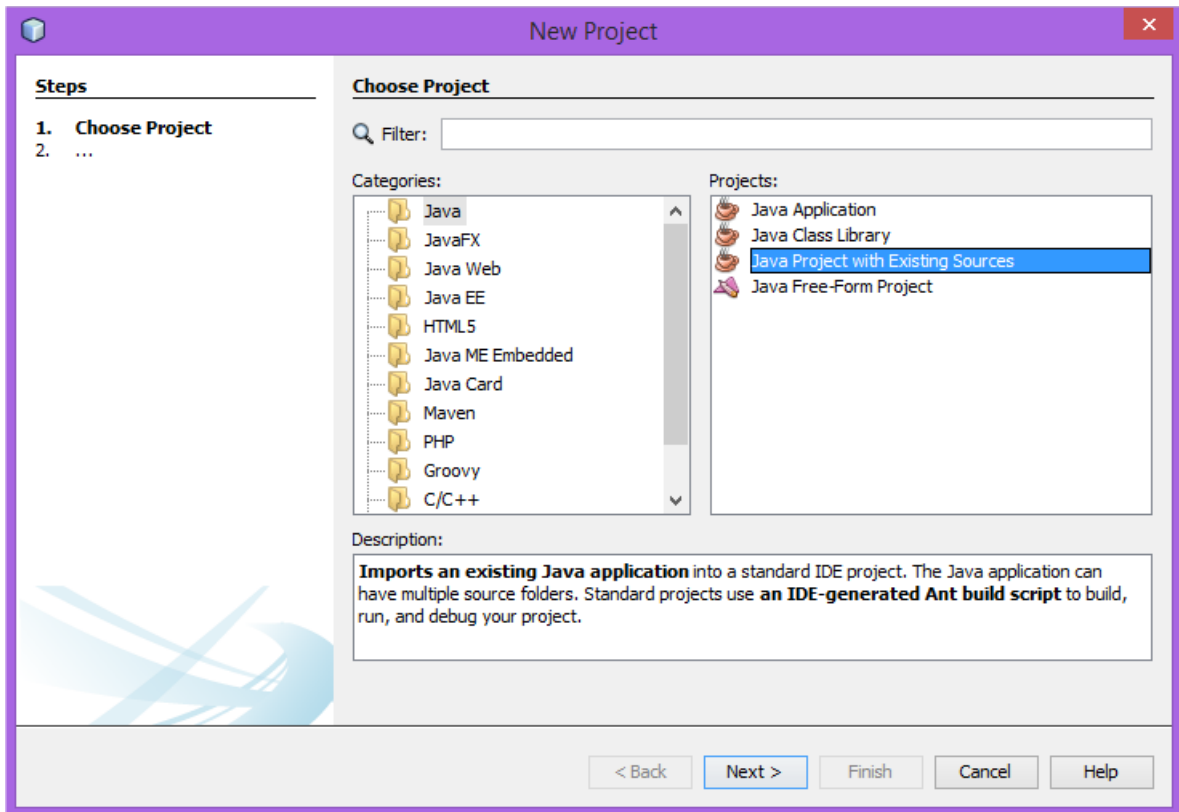


Figure 1: Step 1: Start a new project

In Netbeans choose Java Project with Existing Sources Click Next

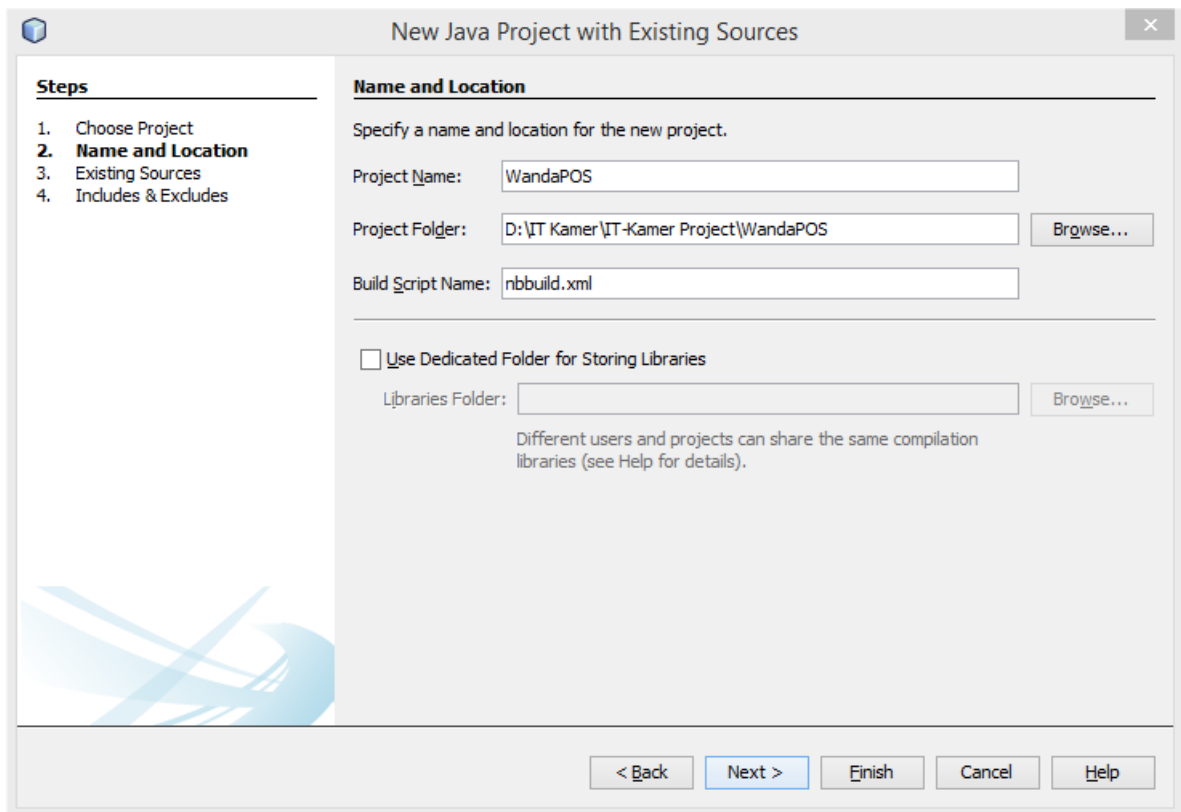


Figure 2: Project Name and Folder

- **Project Name** : This doesn't have to be Wanda POS (better if you don't use spaces in the name).
- **Project Folder** : The Netbeans Wizard automatically completes this based on the Project Name.

Edit to suit where you want to store the project. All done on this screen. Click Next

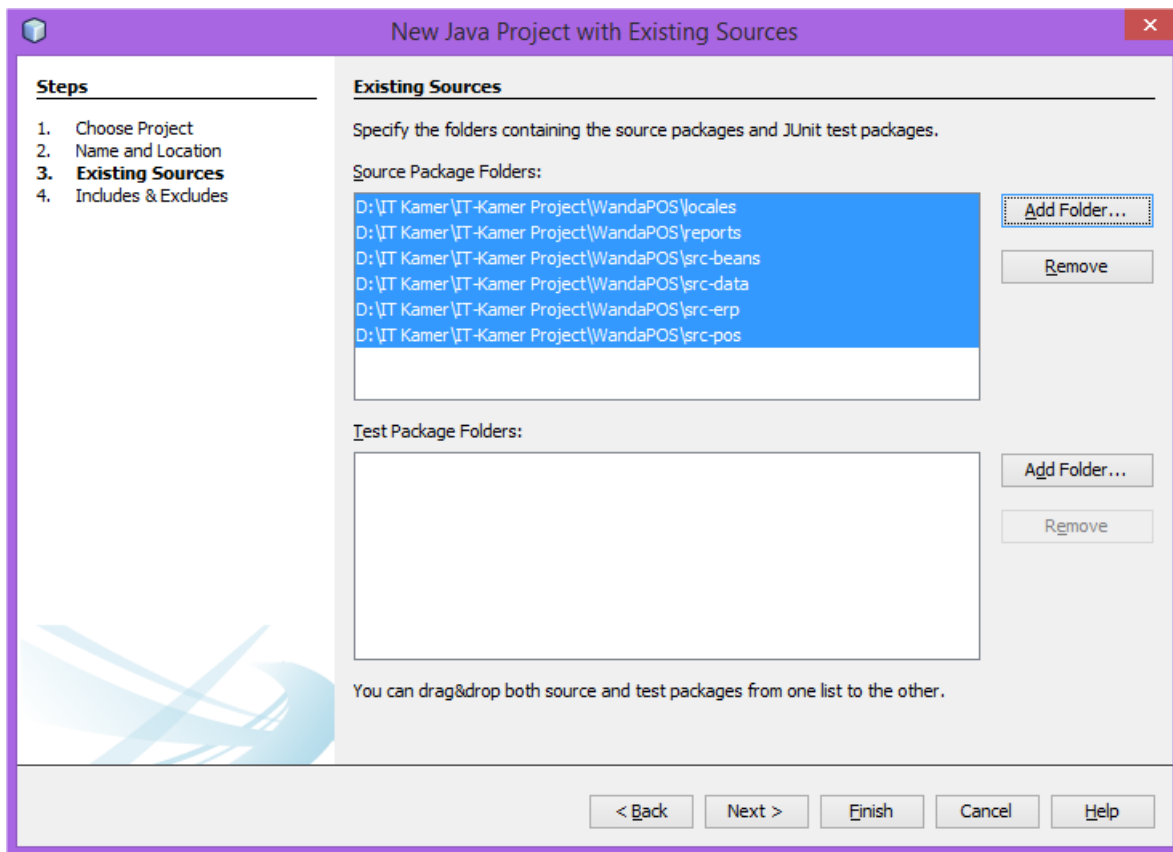


Figure 3: Add Existing Wanda POS Sources

Click the Add Folder button and add the src-beans, src-data, src-pos, src-erp, reports and locales folders if there are not already in the list. Once you've added these. Click Next – you could click Finish at this point.

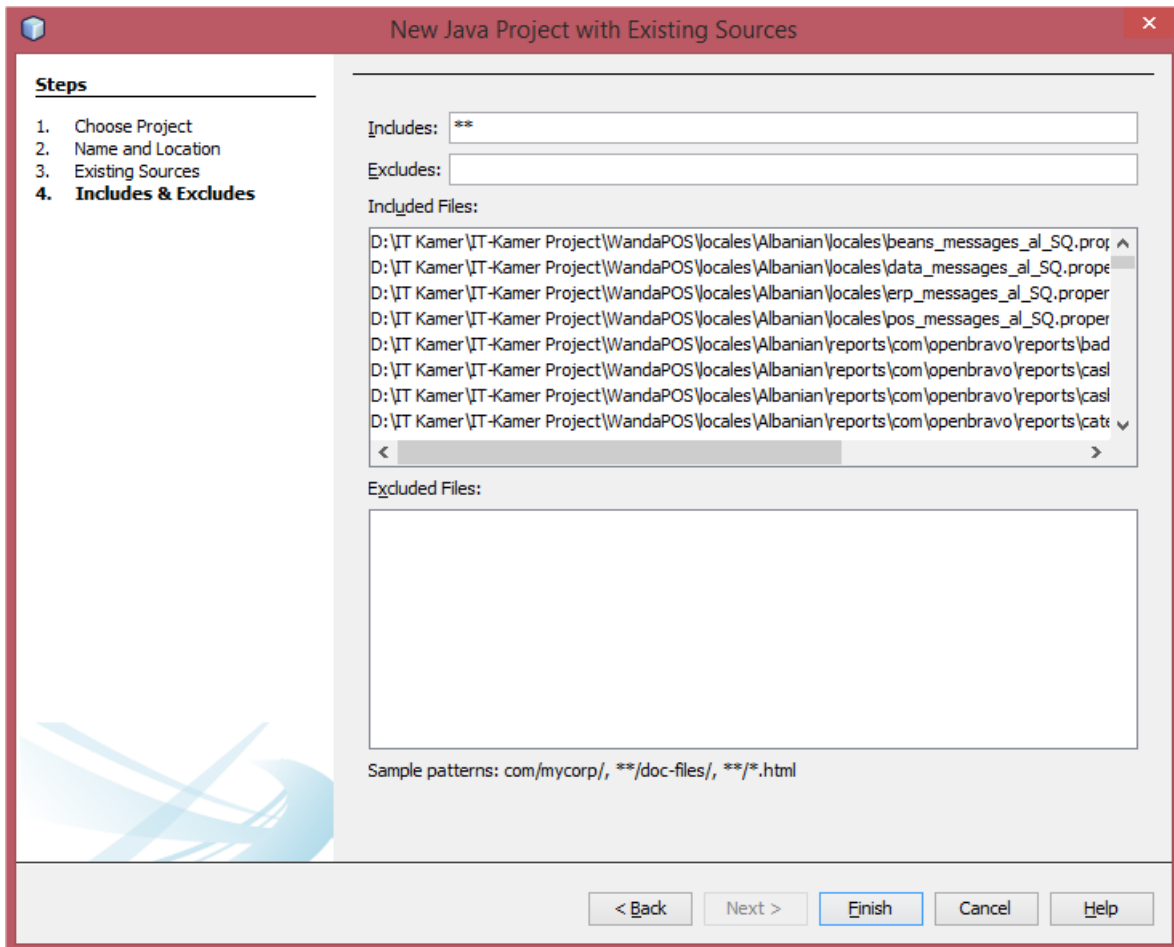


Figure 4: Include/Exclude files

(optional) Make any final adjustments to the Include/Exclude files to be in the project. I recommend you leave as is and Click Finish. The Wizard has done its job and you'll see it creating the necessary files and folders it needs for your project. When it's done the Projects tab will be populated with the Wanda POS project's files. You're nearly there. But wait you'll notice there are Warnings! You need to clear these first as the Netbeans Wizard doesn't add the Libraries you need to the project for you automatically.

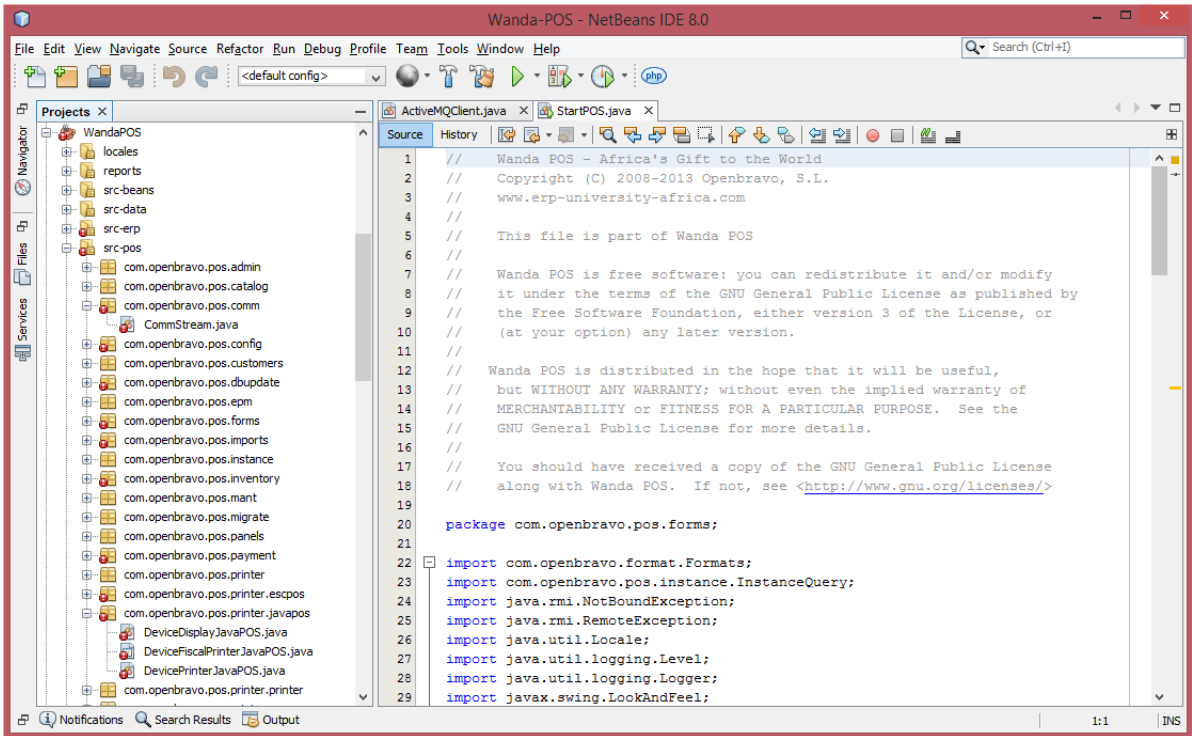


Figure 5: Adding Libraries I

Right Click on the Project Name at the top of the tree and choose Properties from the menu that appears. Click on *Libraries* on the menu tree at the left.



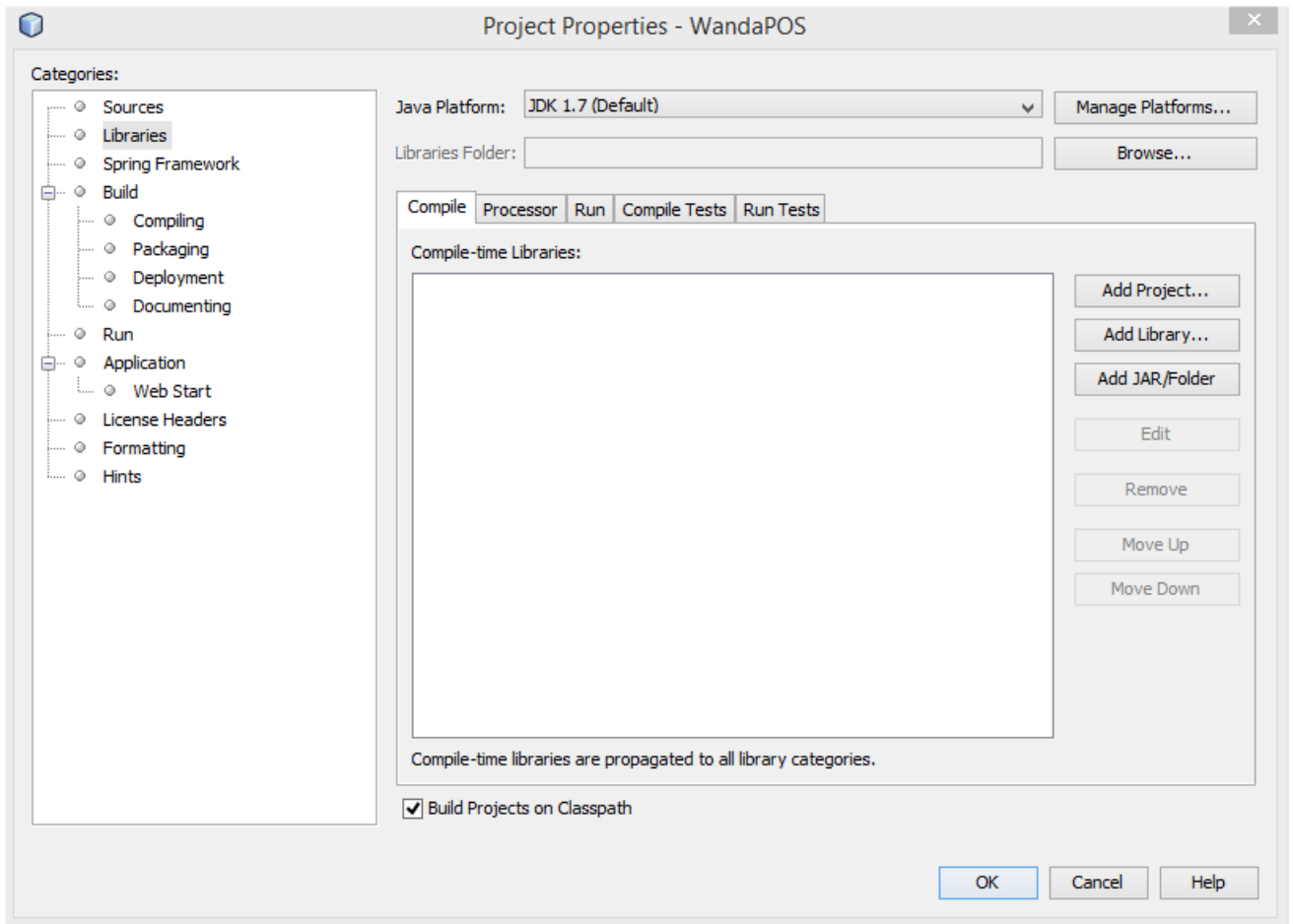


Figure 6: Adding Libraries II – Set Java Platform & Add .jars(1)

On this screen you need to do two things :

1. Make sure the Java Platform is set to JDK 1.7 (Wanda POS v1 series uses features available in from JDK 1.7) and later
2. Add the Libraries. Make sure the Compile tab is selected and Click Add JAR/Folder

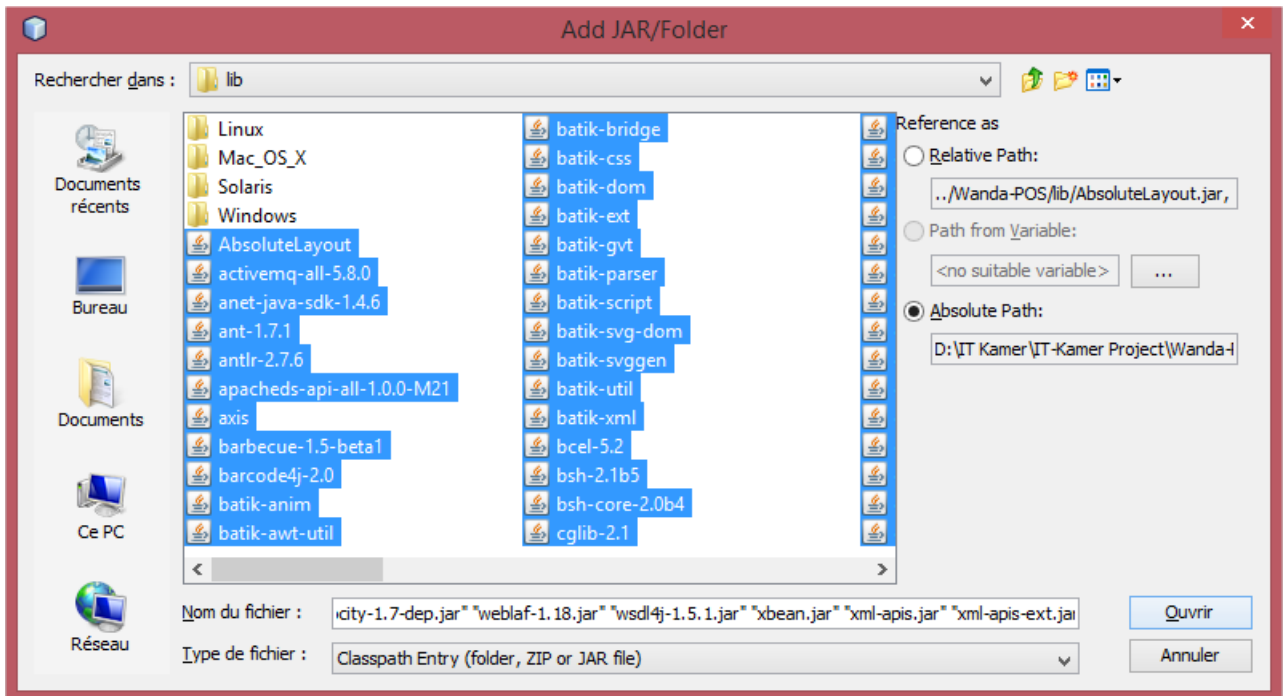


Figure 7: Adding Libraries II – Set Java Platform & Add .jars(2)

Select .jars In the Add JAR/Folder pop-up and select all of the .jar files – exclude the Linux, Mac\_OS\_X, Solaris and Windows folders and make sure the Relative Path: option is selected. Click Open and the selected files will show in the Compile-time Libraries list.

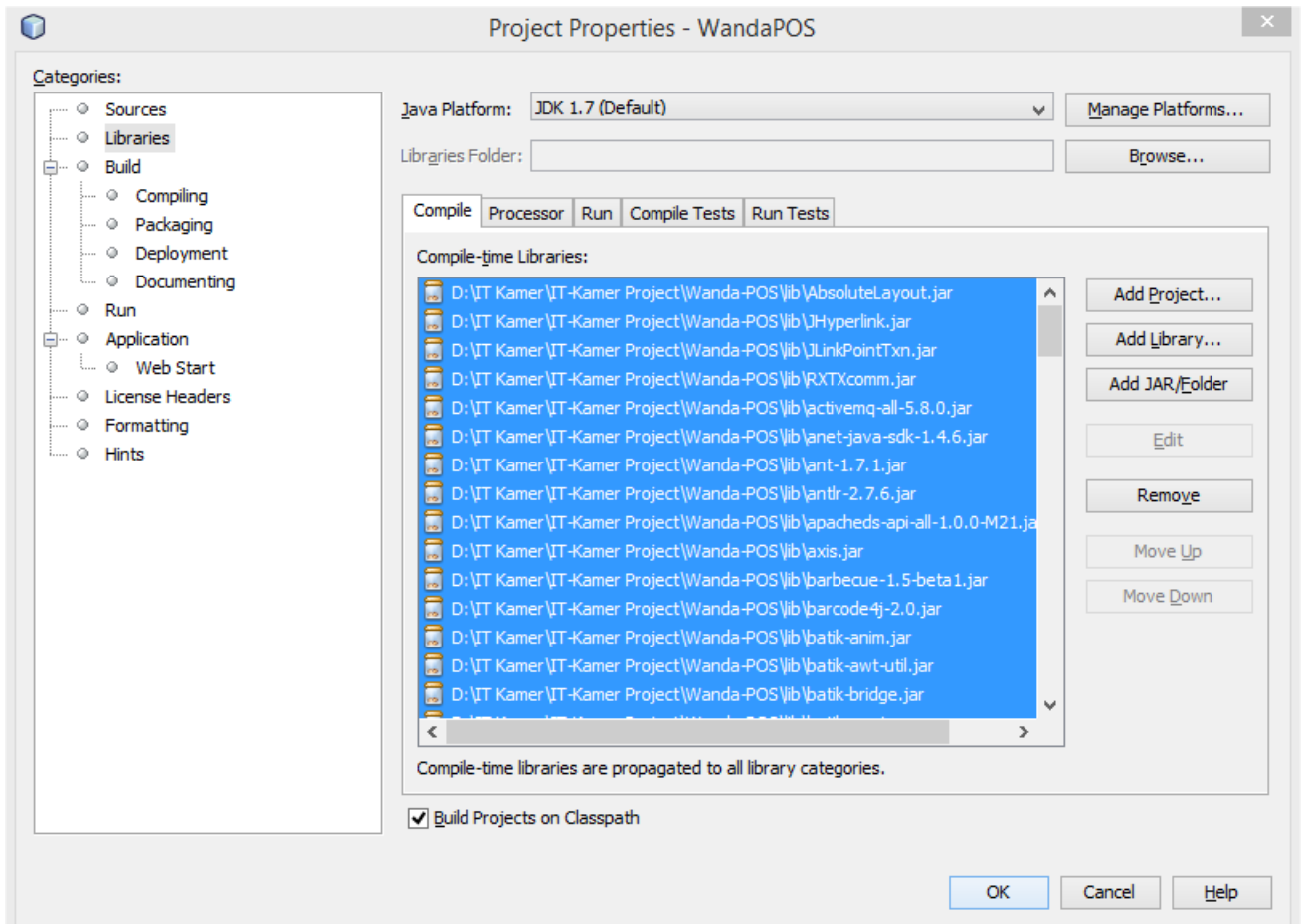


Figure 8: Adding Libraries III

Click OK Netbeans will now save and update the project – be patient whilst it updates – and you will begin to see the Warnings! disappear. The screen below shows that all references to the Libraries have been resolved and your new Wanda POS project is good to go!

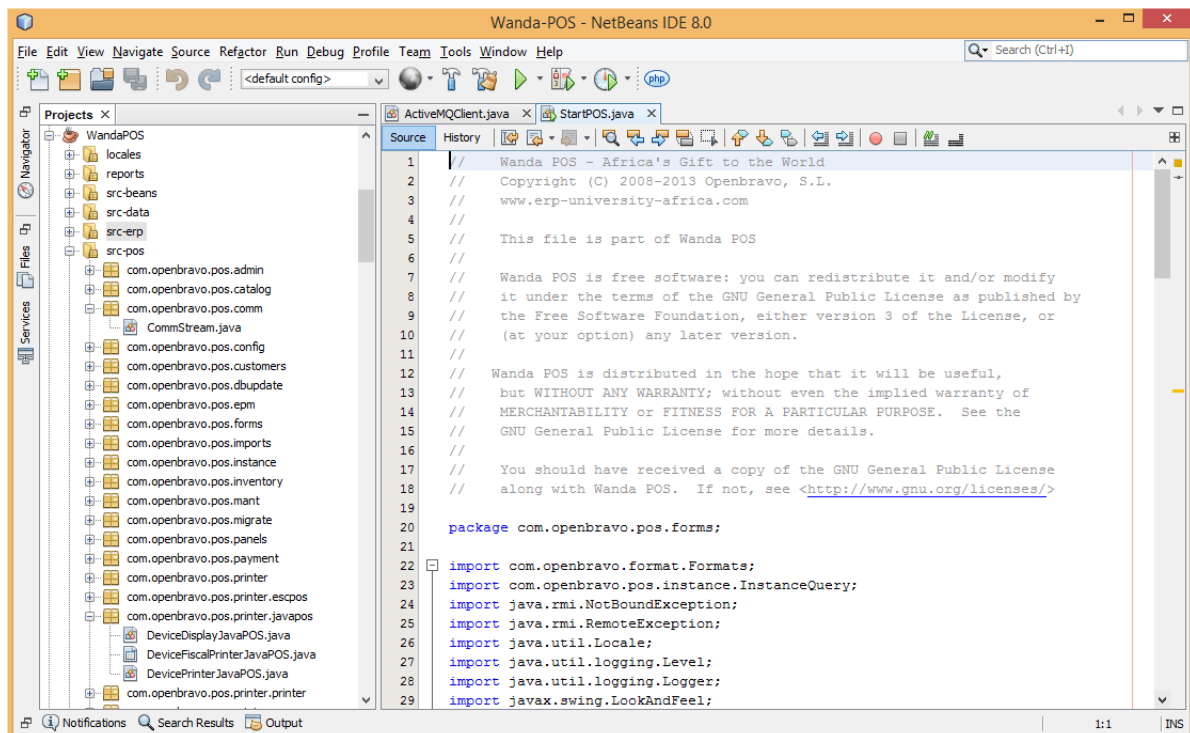


Figure 9: Set Main Class

The last thing you need to do is check the projects Main Class is set to :  
com.openbravo.pos.forms.StartPOS.