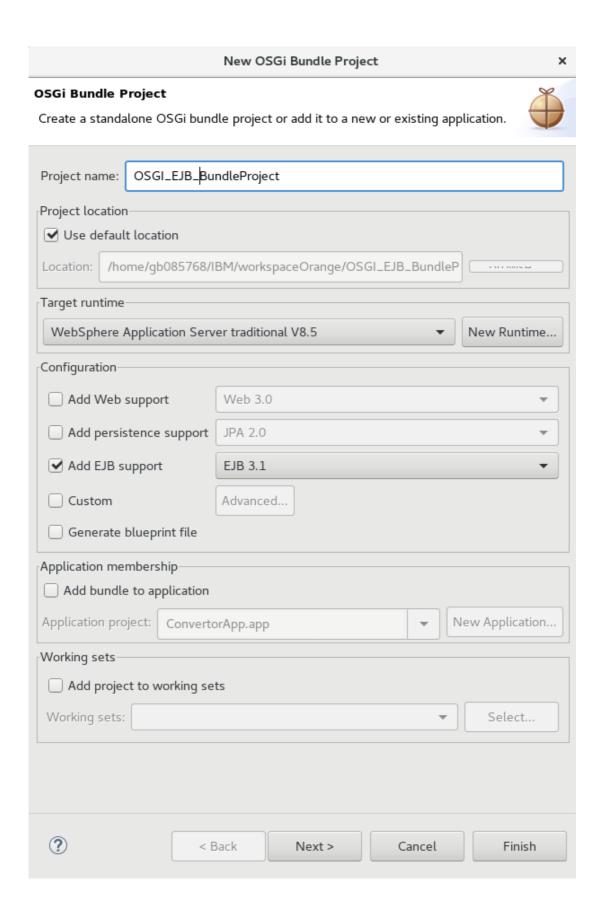
To add an Message Driven Bean EJB into the MDM OSGi framework, perform the following tasks (default/obvious screens not shown):

1. create a OSGi Bundle Project (equivalent to an MDM Development Project) and make sure to select "Add EJB support"

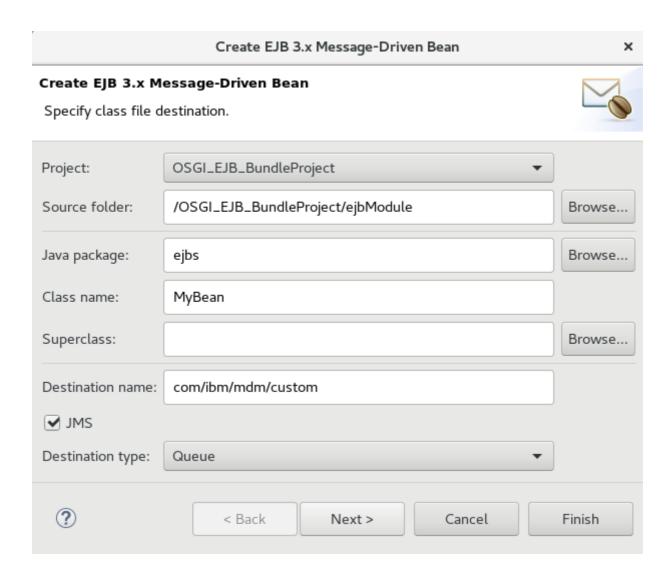


2. specify a project client name (defaults are fine!):

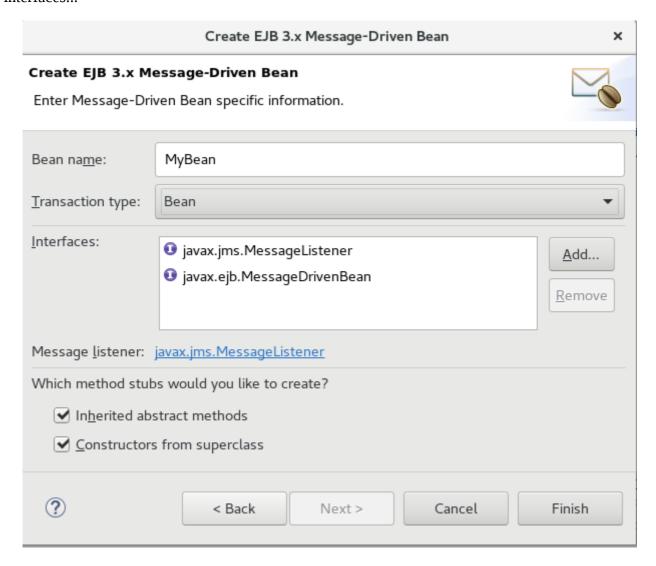


3. specify package name + class name (arbitrary I believe).

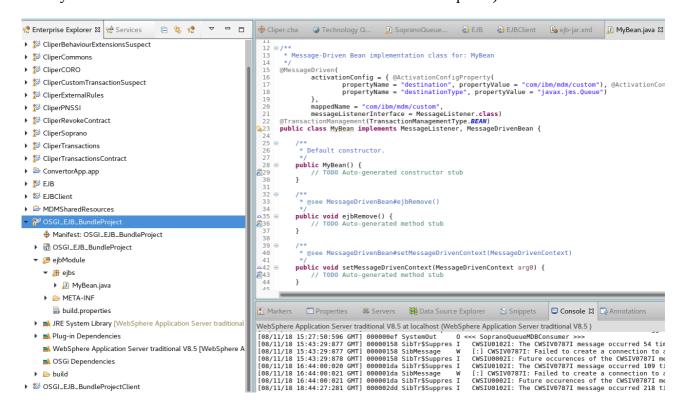
The destination name must be same as the JNDI name as configured in WAS Console. See document 01_WAS_Setup_Q_for_MDB.pdf (section Configuration JCA: "- **Destination JNDI name** (The JNDI name that the message-driven bean uses to look up the JMS destination in the JNDI name space): "



4. Change Transaction Type to Bean... and add MessageDrivenBean interface.. so there are two interfaces...

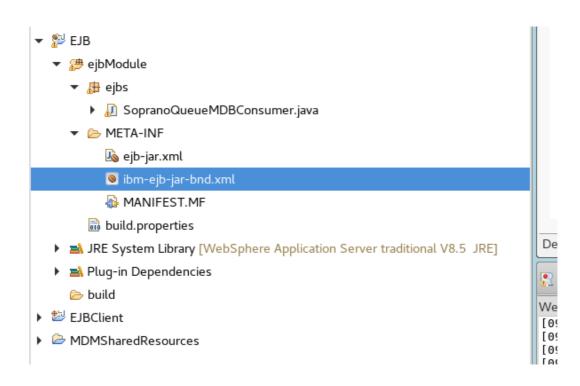


5. so now you have a OSGi module project (which is to be added to your CBA); Java class for your specific implementation, and an associated client project (not sure what this does : don't need to modify it and I also added it to the CBA but don't know if this is required)

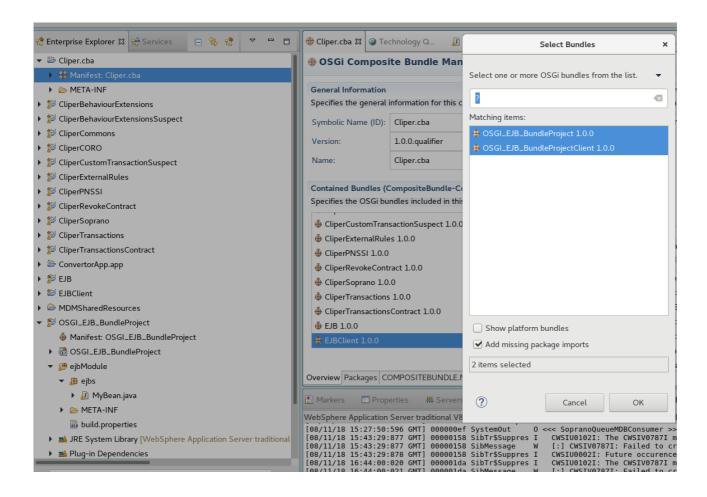


create file ibm-ejb-jar-bnd.xml in EJB -> ejbModule -> META-INF

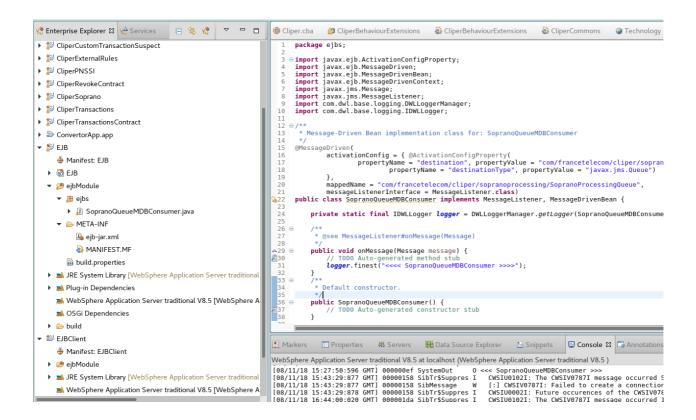
This correctly sets the binding when the CBA is attached. No need to do it from WAS Admin Console.



6. Select your CBA Composite Bundle project, and add both projects to it.

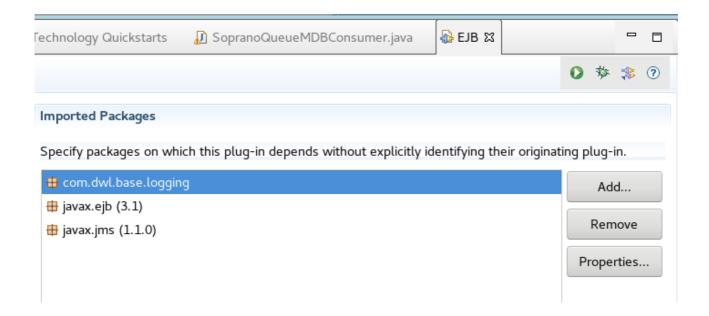


7. below is the Java Bean class modified to use some MDM packages.. in this case logging..



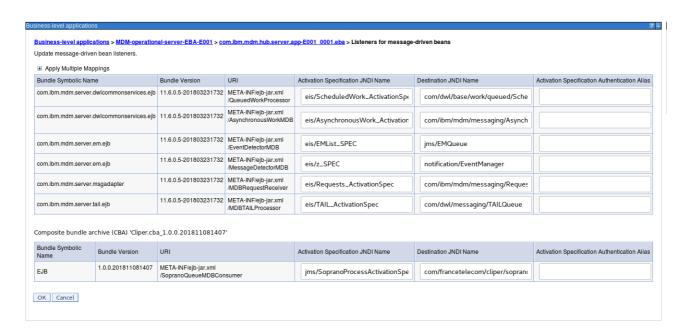
8. to allow use of MDM packages, you simply import the packages into the OSGi Bundle project which contains the Java Bean class.

Because the Bundle project is part of an MDM CBA, there is no need to import MDM JARs.



9. NOT REQUIRED.. see Step 5B.

final step, after deploying the custom CBA in WAS, is to configure the bindings for the custom CBA. These settings correspond to the Queue settings defined which accepts the messages passed into the MDB...



Update : as explained in previous section, this step is no longer required.. instead create file ibm-ejb-jar-bnd.xml in EJB -> ejbModule -> META-INF

This correctly sets the binding when the CBA is attached. No need to do it from WAS Admin Console.