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Shivankit Bisht 

September 26, 2016 | 2 minute read

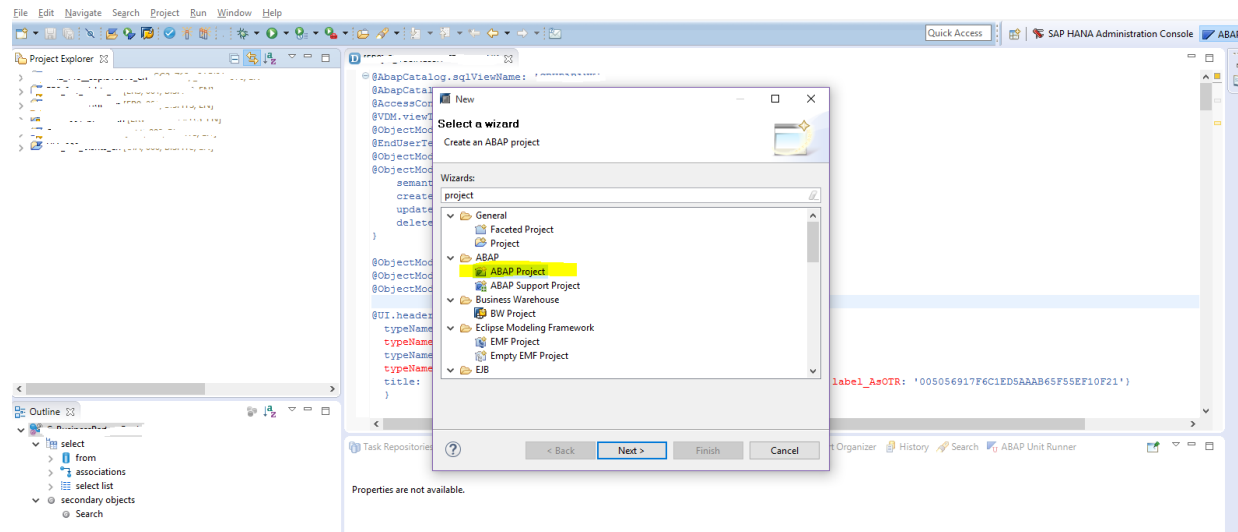
# Consumption of CDS in an OData Service

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## Consumption of CDS in an Odata Service

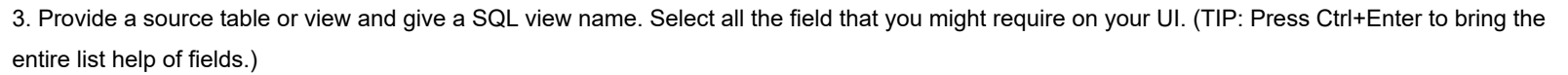
1. In Hana Studio, ABAP Development Perspective click on add a new ABAP Project. From here you can directly add your SAP System to your Studio. Login details

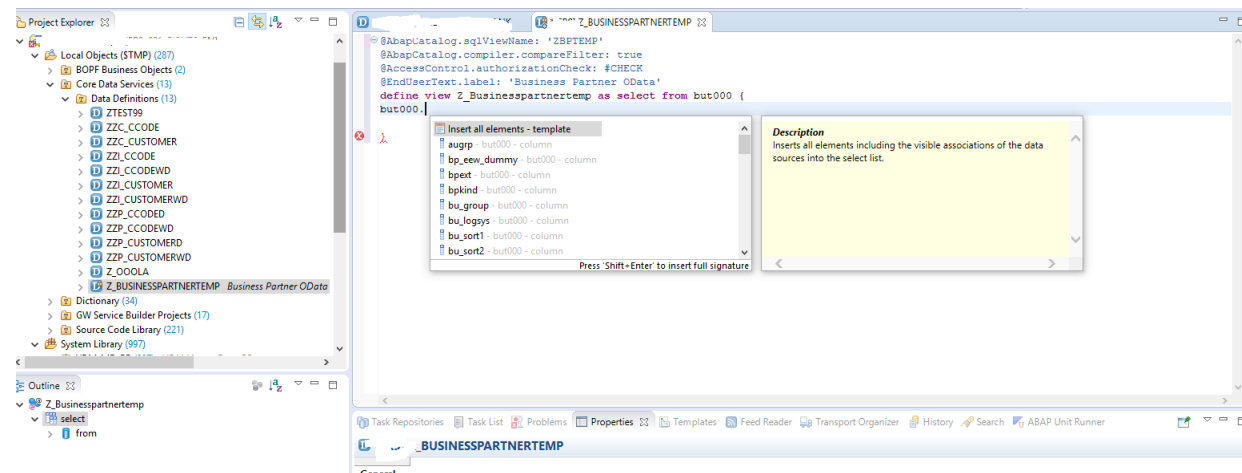
remain the same as your SAP Login.



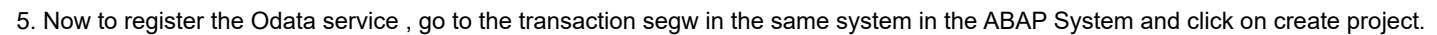
2. After the system is added you can see it Right hand side in you r Project Explorer. Right click on it and select DDL source. You can create these repository artifacts as local

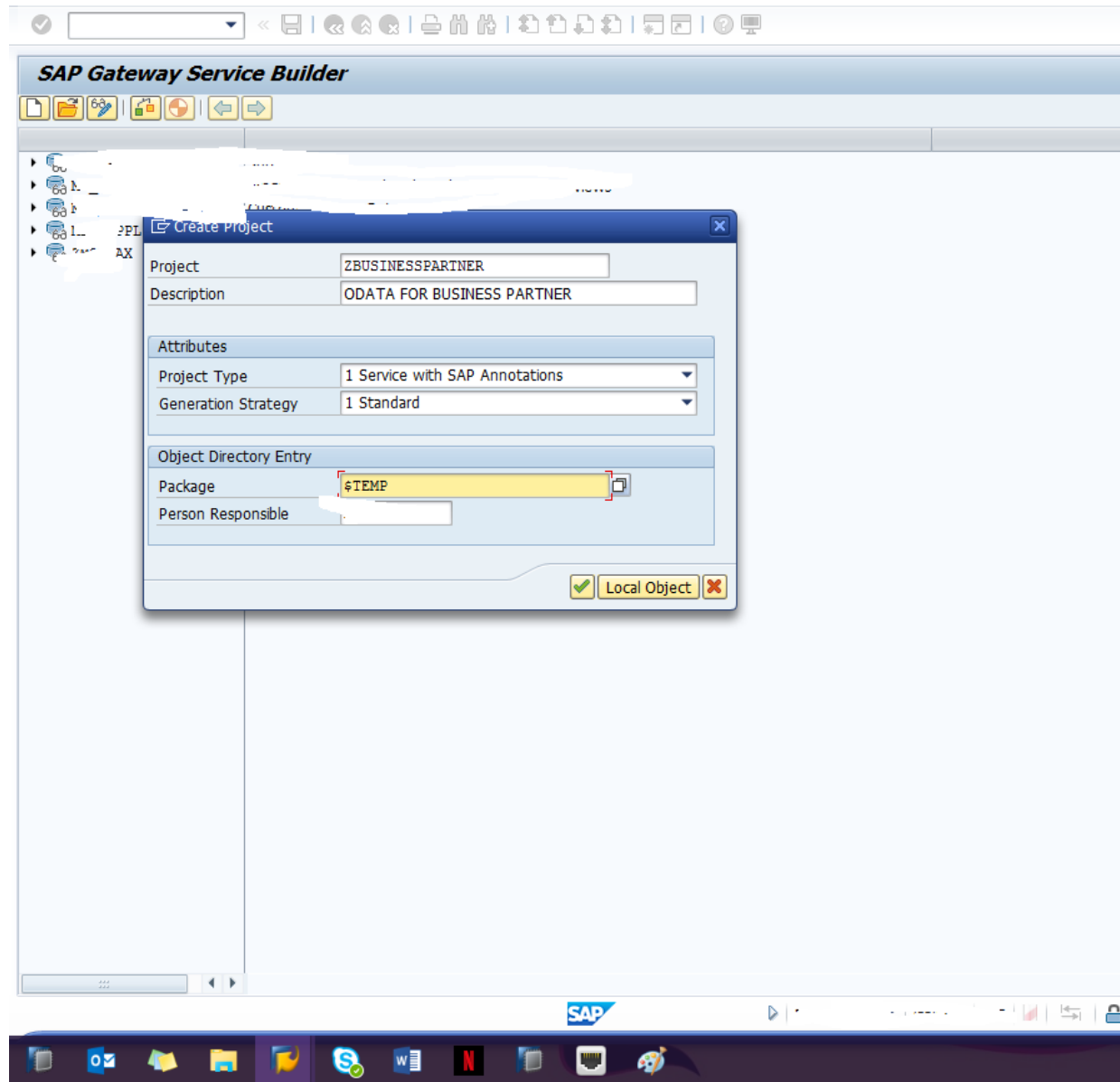
objects belonging to the \$TMP package.



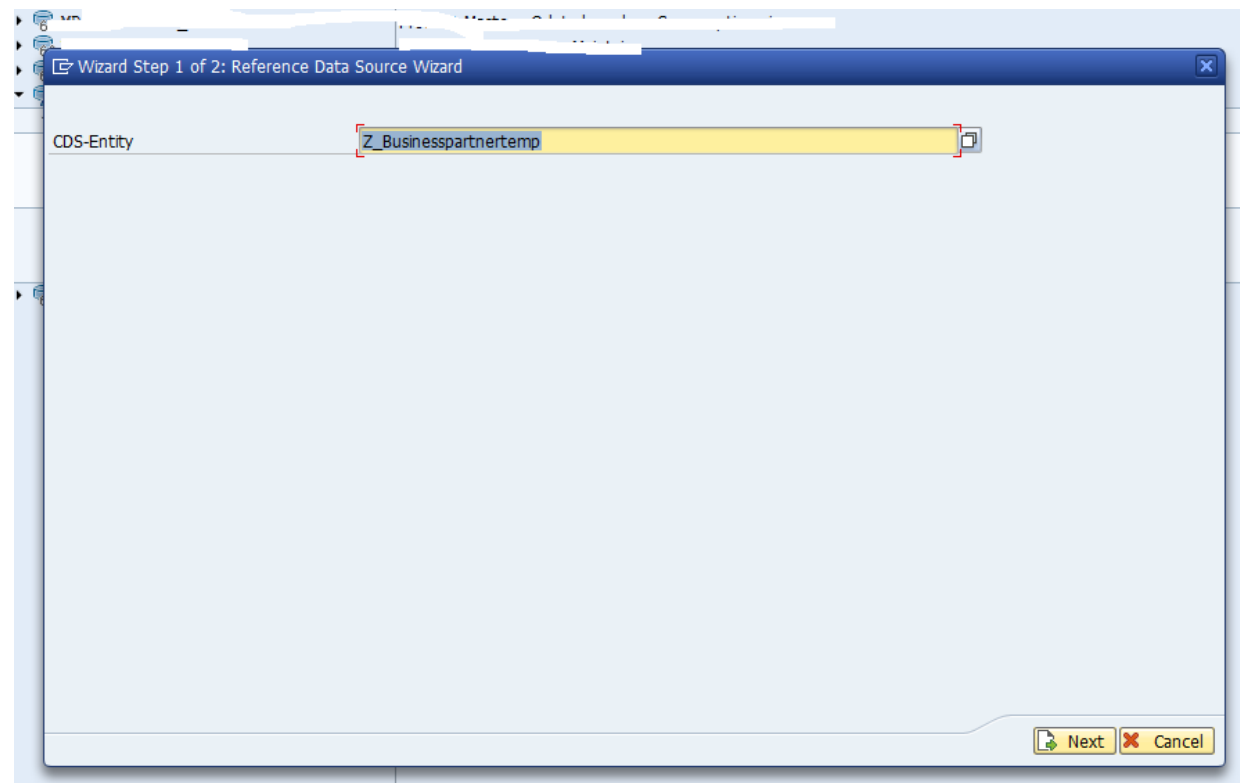
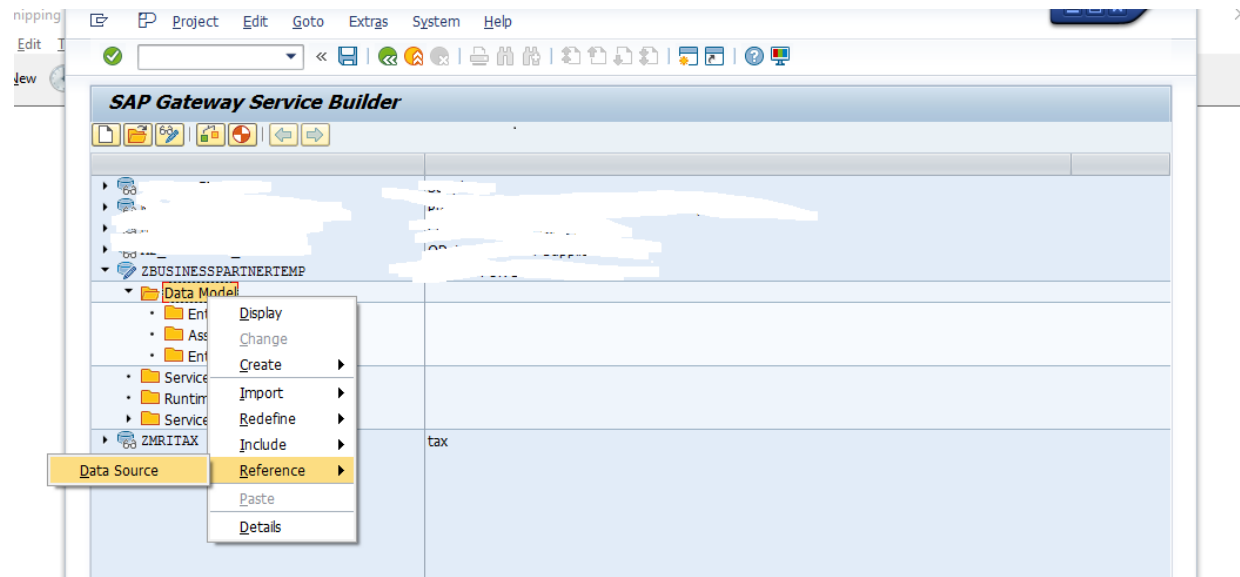


4. Now, Give some annotation to make the data more readable on UI. Annotations allow to enhance the core meta model with consumer-specific vocabularies. For eg. `@EnduserText.label` will give the UI label for the partner field.

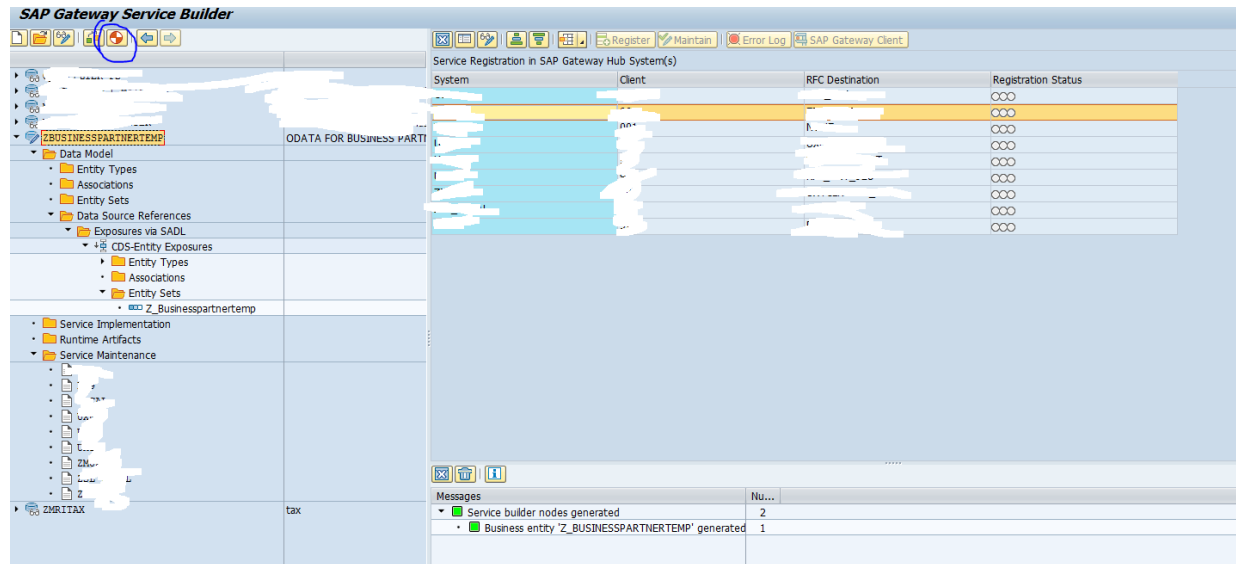




6. Provide the CDS data source and give the CDS name.

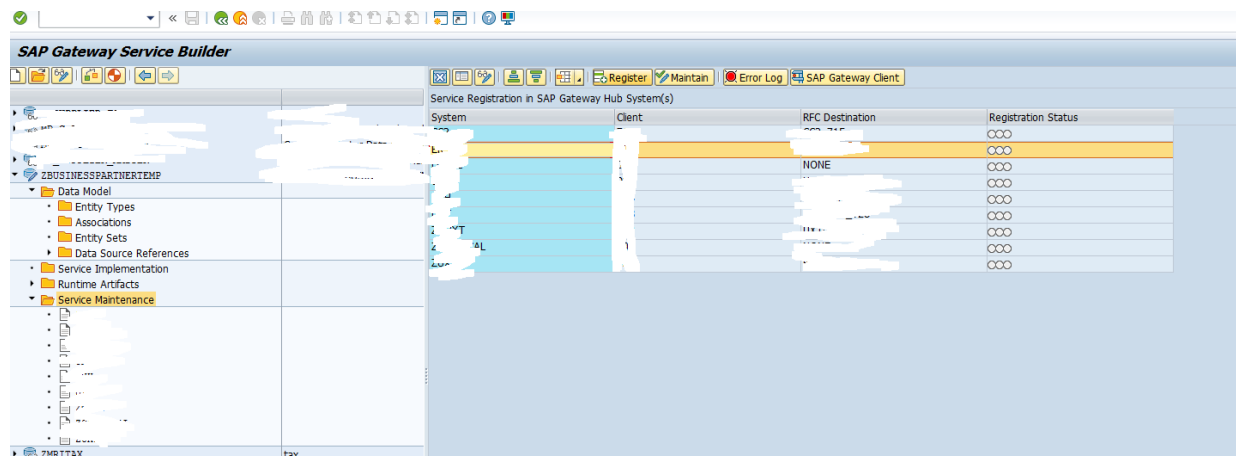


7. Now click on Generate Runtime Objects.



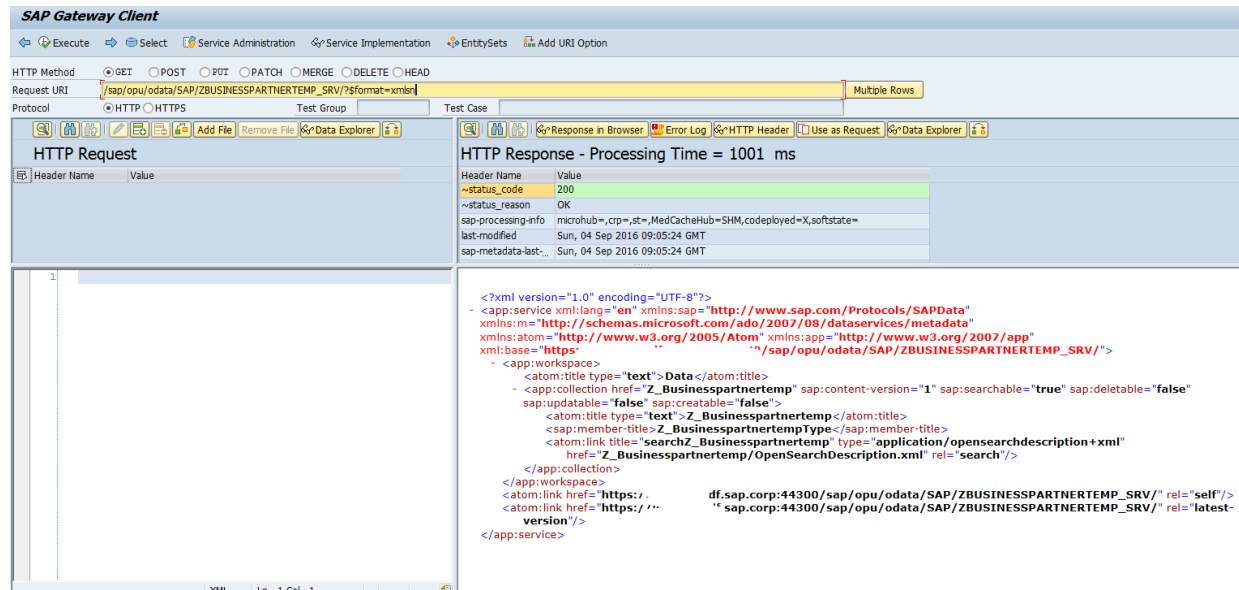
8. Now click on Register Service to create a service in the system. Here we will select ER9. Provide alias as local and package as \$temp.

After successful registration the registration status will show in **Green**.



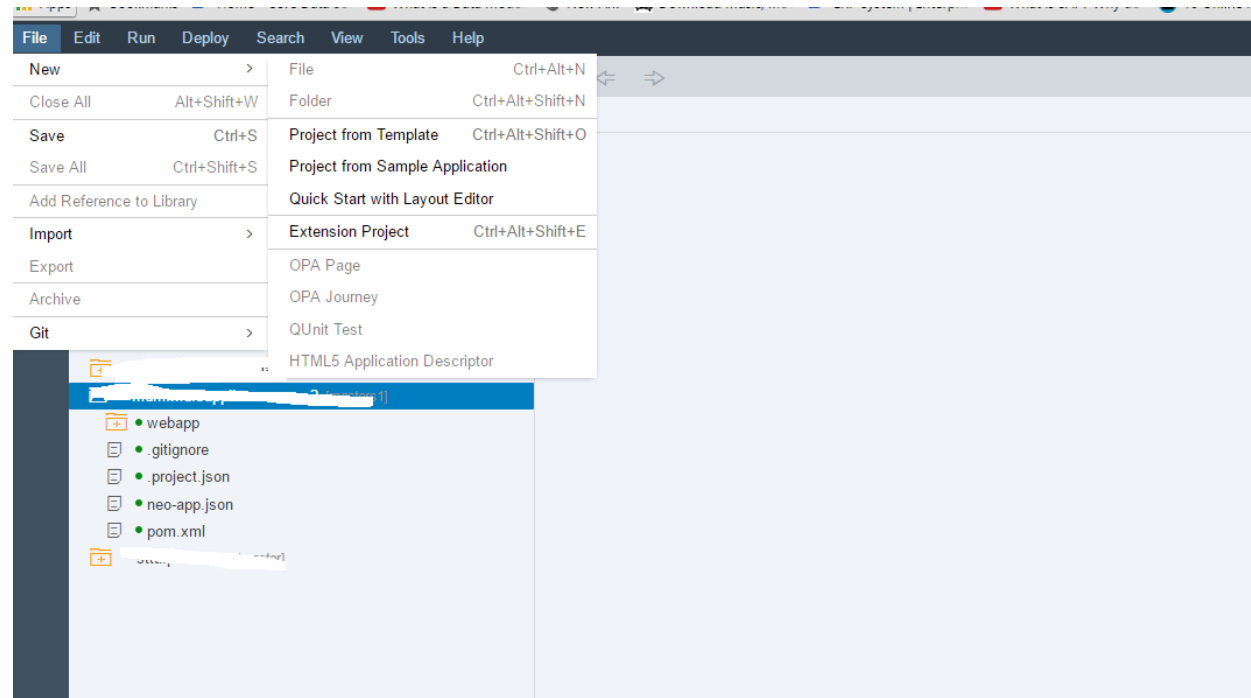


9. Now click on SAP Gateway Client Button. There click on Execute.

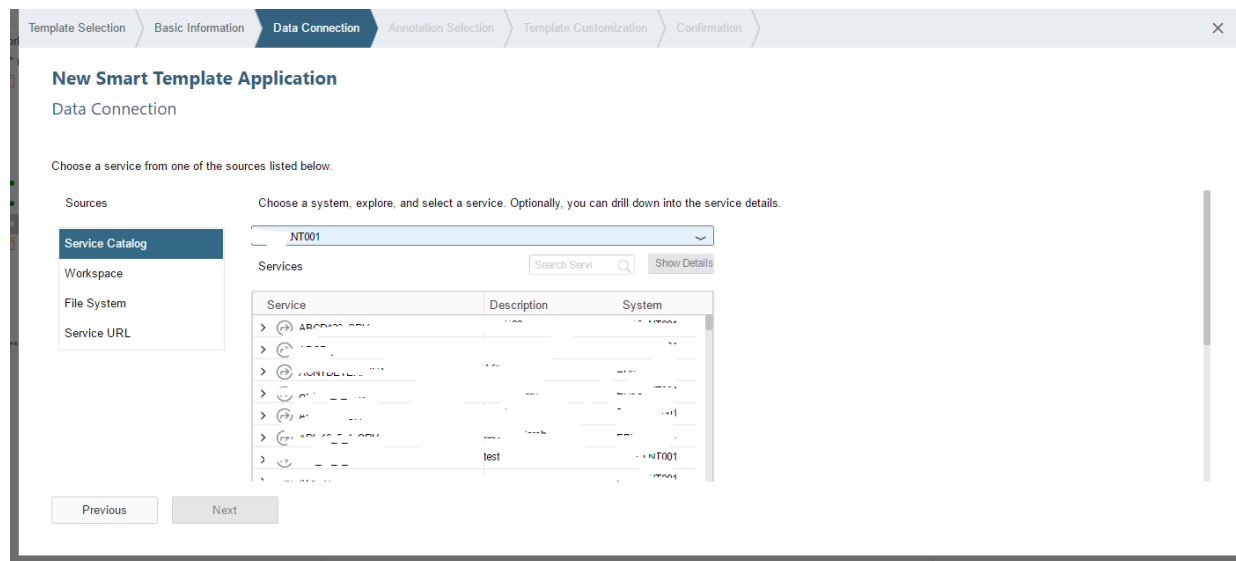


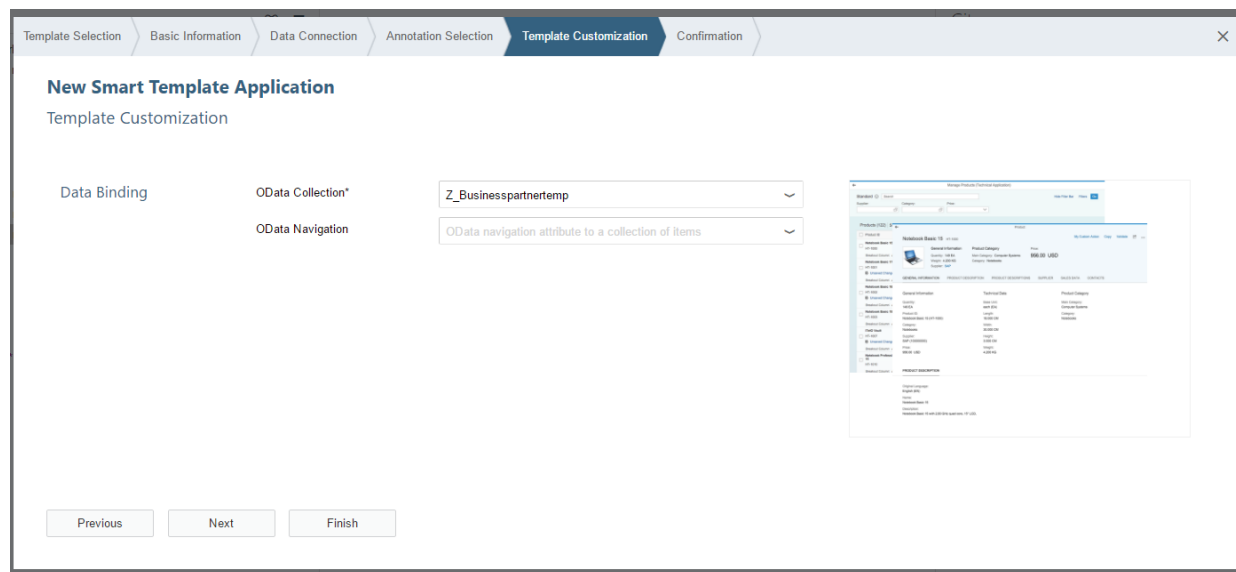
10. So after this we need a UI for our service. This we can do in WebIDE

<https://code-fiori.dispatcher.cert.hana.ondemand.com/>



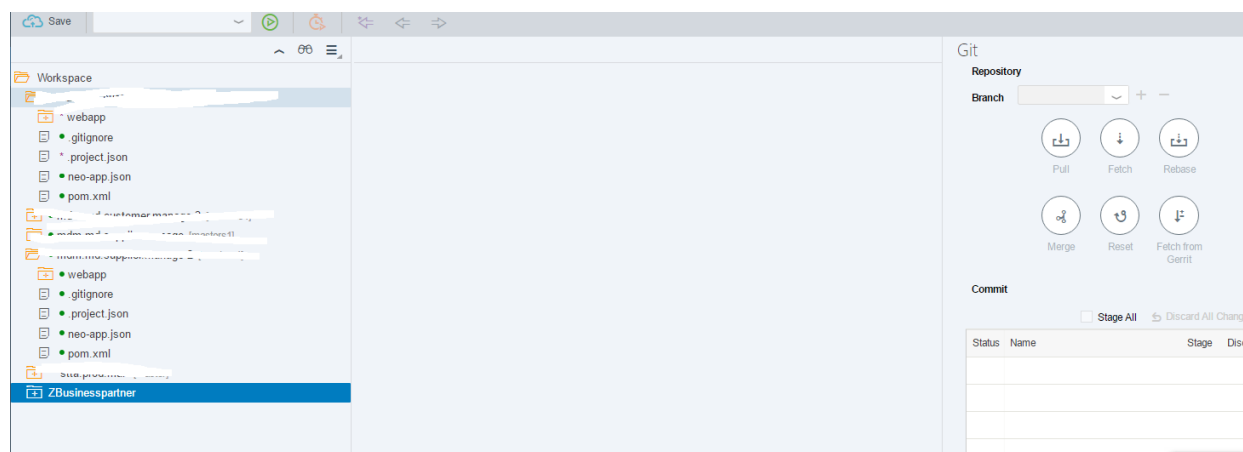
## 11. Select Smart Template Application





Click Finish.

12. Finally, it's time to run our project. Click on the green Play icon on the top.



And, this is the final result.

SAP

App View

Standard \*

7

Adapt Filters (1) 

Go

Standard

Business Partner	Business Partner Category	First Name / Name1	Last Name / Name2	
9506		70PERFORMANCE_6	70TESTER_6	>
9507		71PERFORMANCE_6	71TESTER_6	>
9508		72PERFORMANCE_6	72TESTER_6	>
9509		73PERFORMANCE_6	73TESTER_6	>
9510		74PERFORMANCE_6	74TESTER_6	>
9511		75PERFORMANCE_6	75TESTER_6	>
9512		76PERFORMANCE_6	76TESTER_6	>
9513		77PERFORMANCE_6	77TESTER_6	>
9514		78PERFORMANCE_6	78TESTER_6	>
9515		79PERFORMANCE 6	79TESTER 6	>



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## 3 Comments

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Former Member

August 2, 2017 at 3:35 pm

Nice Documentation

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Prasad Pomaji 

September 18, 2017 at 7:31 am

Very well explained. Helped in creating a small(but fast) end to end project with CDS view-oData service-UI.

Thanks for the document.

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Rabert Kumar

October 4, 2019 at 5:40 am

Very useful documentation.

Thank you Shivankit Bisht.

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