

Creating Models & DataSources in API Connect(IBM Bluemix)

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PROCEDURE:

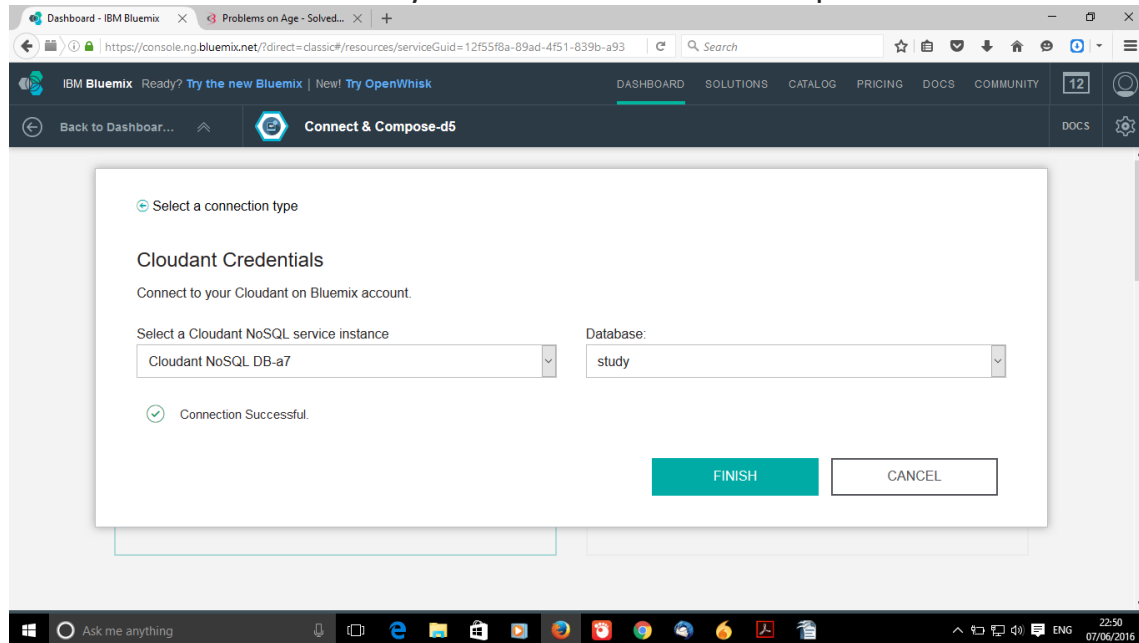
- Login to Bluemix.
- Create an Instance of Compose & Connect.
- You need to have Secure Gateway Installed.
- Open it. Click on Compose.

The screenshot shows the 'Create a Connection API' form in the IBM Bluemix console. The form has two main sections: 'API Name' and 'Description'. The 'API Name' field contains the text 'Sample'. Below these fields are two large buttons: 'ADD A CONNECTION' and 'ADD A MODEL'. At the bottom of the form is a 'Base URL' field. The browser's address bar shows the URL: <https://console.ng.bluemix.net/?direct=classic#/resources/serviceGuid=12f55f8a-89ad-4f51-839b-a93>. The Windows taskbar at the bottom shows the time as 22:49 on 07/06/2016.

- Click on Add a Connection.
- Select the Available Services--> Next

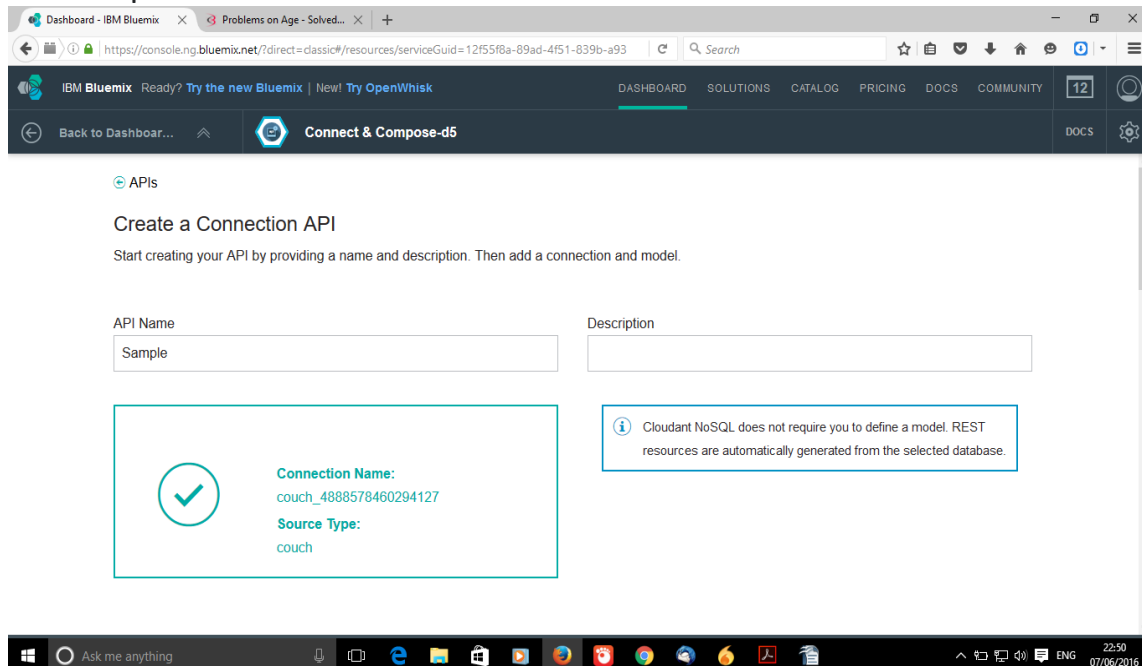
The screenshot shows the 'Choose the type of connection' dialog in the IBM Bluemix console. The dialog has a 'NEXT' button and a 'CANCEL' button. It lists available services under three categories: 'Bluemix Services', 'Enterprise', and 'Cloud'. Under 'Bluemix Services', there are 'SQL Database' and 'Cloudant'. Under 'Enterprise', there are 'DB2', 'SAP HANA', 'SAP', 'MySQL', 'Oracle EBS', and 'MongoDB'. Under 'Cloud', there is 'Salesforce'. The 'NEXT' button is highlighted in blue.

Select the Service Instance you've created before and provide the Database you

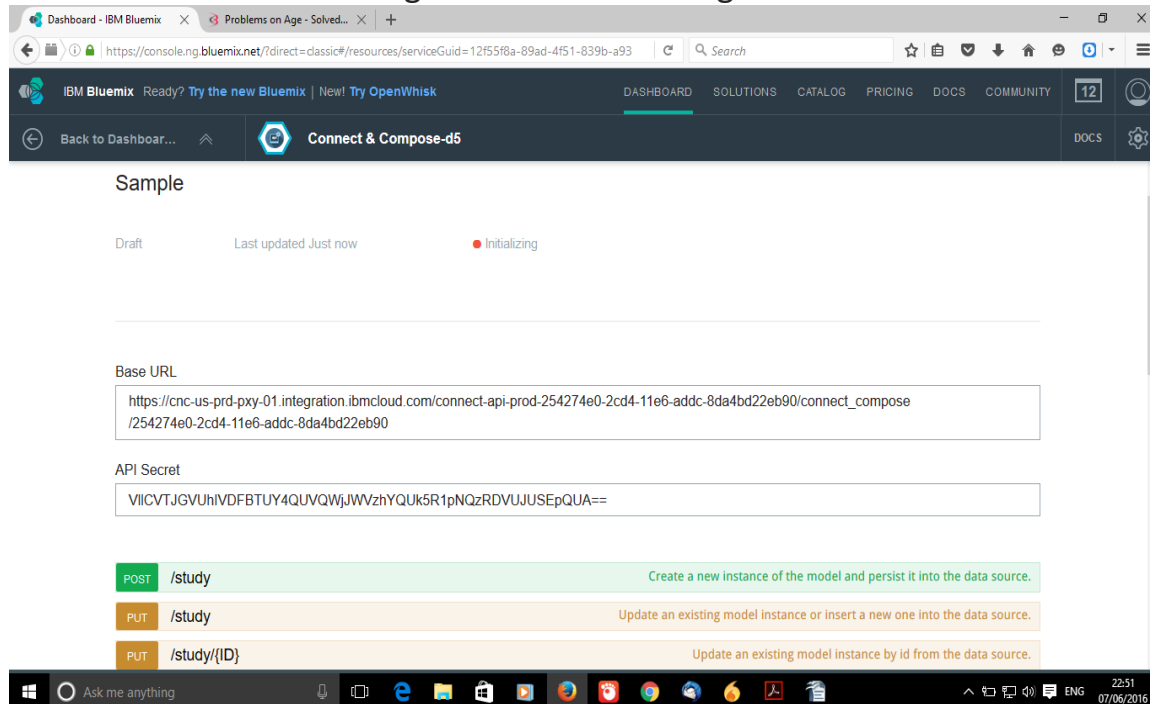


need to connect. Click Finish.

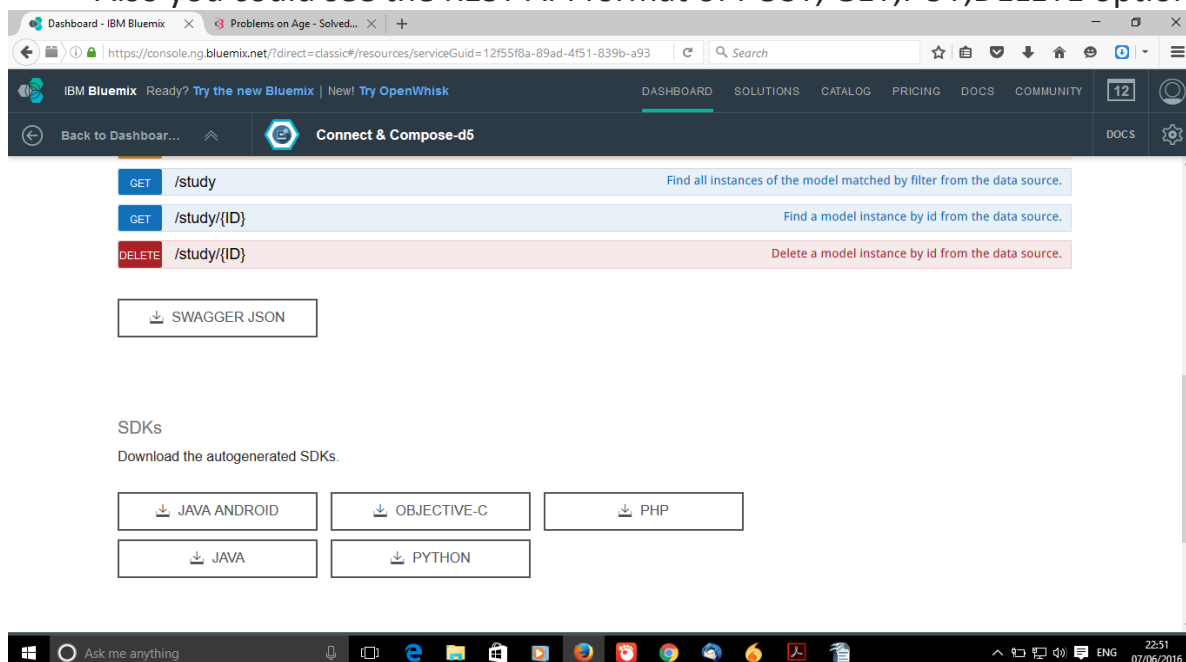
- You'll find a Widget "Connection is Successful".
- For a NoSQL datasource there is no need to provide Model. They are usually
- exposed as REST API's.



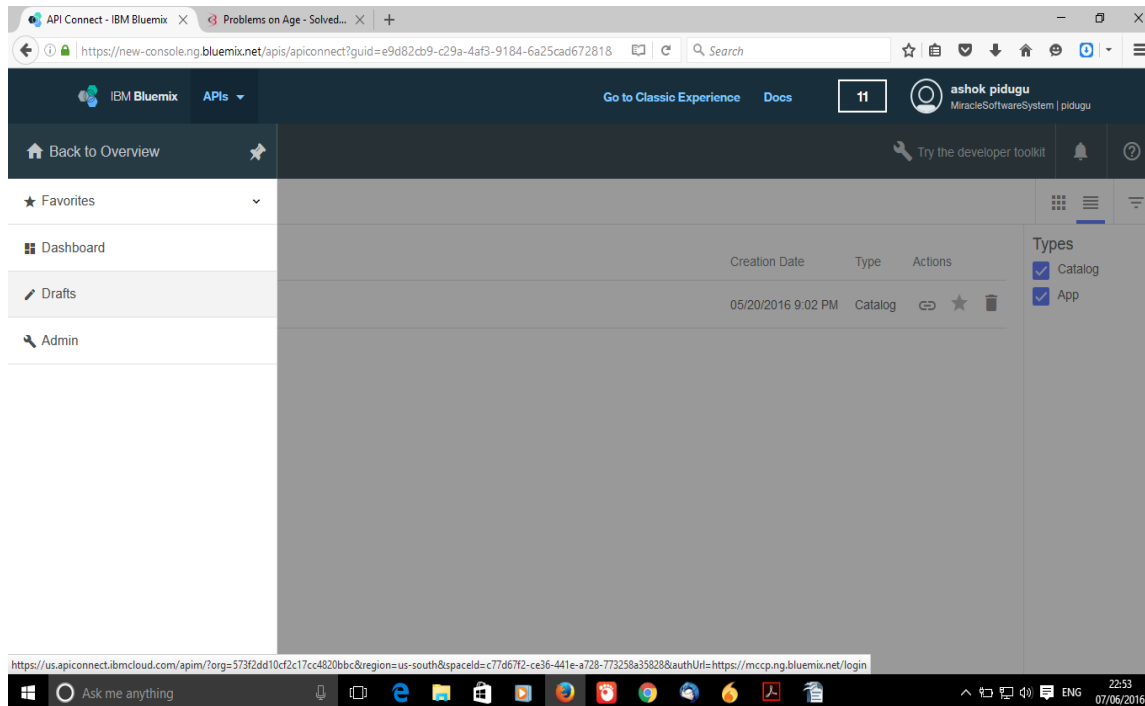
You'll find a window stating that the API is being initialised.



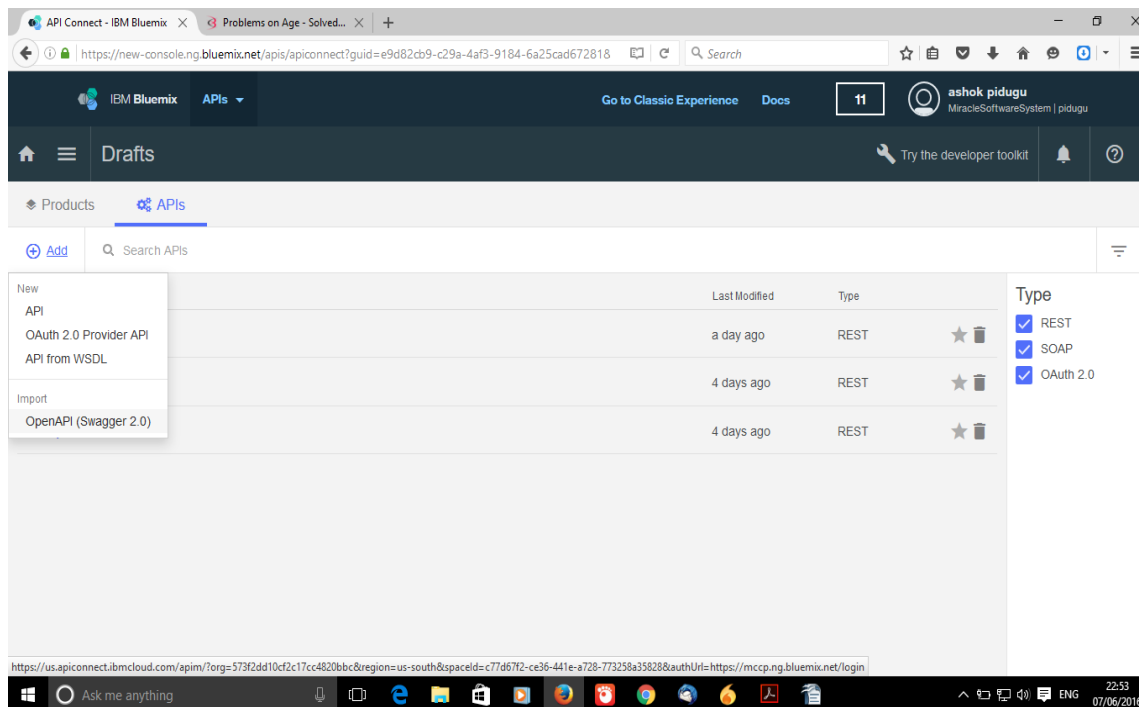
- You'll find the Base URL and Secret Header details of API once it starts running.
- Also you could see the REST API format of POST, GET, PUT, DELETE options.



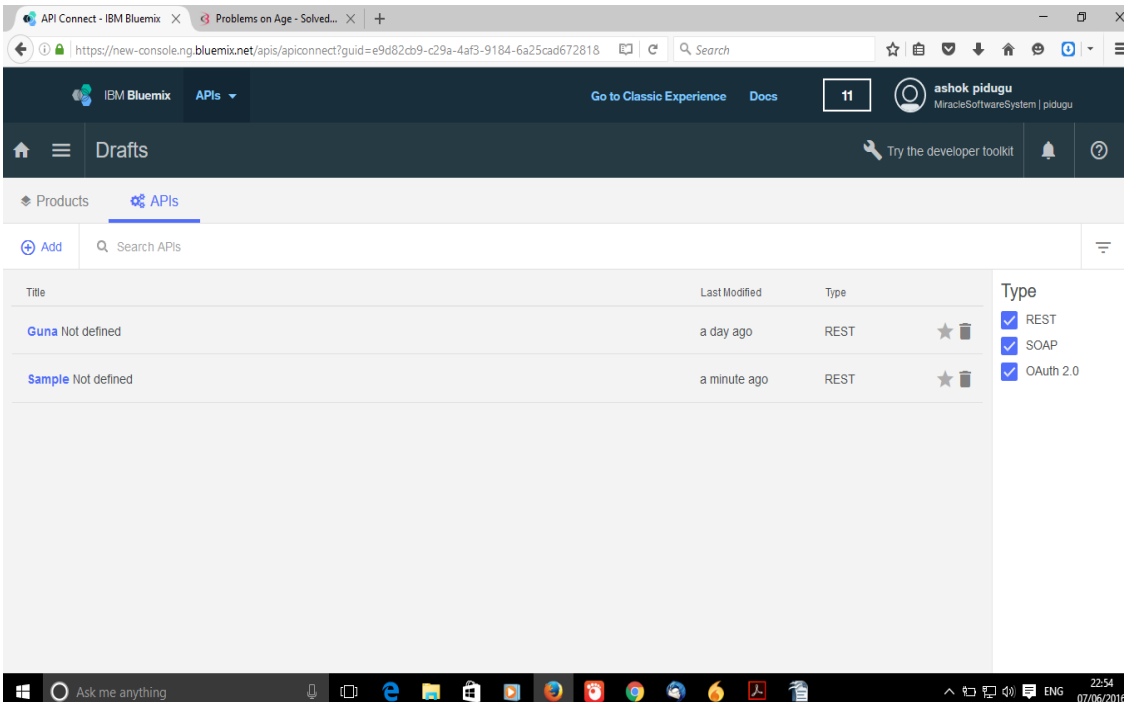
- As you scroll below you'll find the download button of “Swagger JSON”
- Download and Save it.



- Open your API Connect instance-->Drafts
- Among the drafts select the option “Open API(Swagger 2.0)”.



- Browse the Swagger file(downloaded previously) and upload it.
- Find your API in the Dashboard of your API Connect Instance.



- Explore the API created and you'll find all the properties from the Models(called Tables Analogously)