# **Converting the Properties File into a JSON Payload**

Step 1: Create a new Integration Project, select the ESB, Composite Exporter, Registry Resources and Create a Project.

(To Create an Integration Project, refer the Basic Project Creation Document)

Let us assume the Property File Contains the Values as Follows

Graphical user interface, text, application, Word

Description automatically generated

Step 2: Click on the Registry Resource and select the new Registry resource.

Graphical user interface, text, application

Description automatically generated

Step 3: Click on Import from file and click on next.

Graphical user interface, text, application

Description automatically generated

Step 4: Click on browse from file and select the properties file in your local system.

Graphical user interface, application

Description automatically generated

Step 5: Select the registry as conf and give the registry path then click on Finish.

Graphical user interface, application

Description automatically generated

Now you can see the file in your registry.

Graphical user interface, text, application

Description automatically generated

Step 6: Right click on the Project and select new and then Select the Mediator Project.

Graphical user interface, application

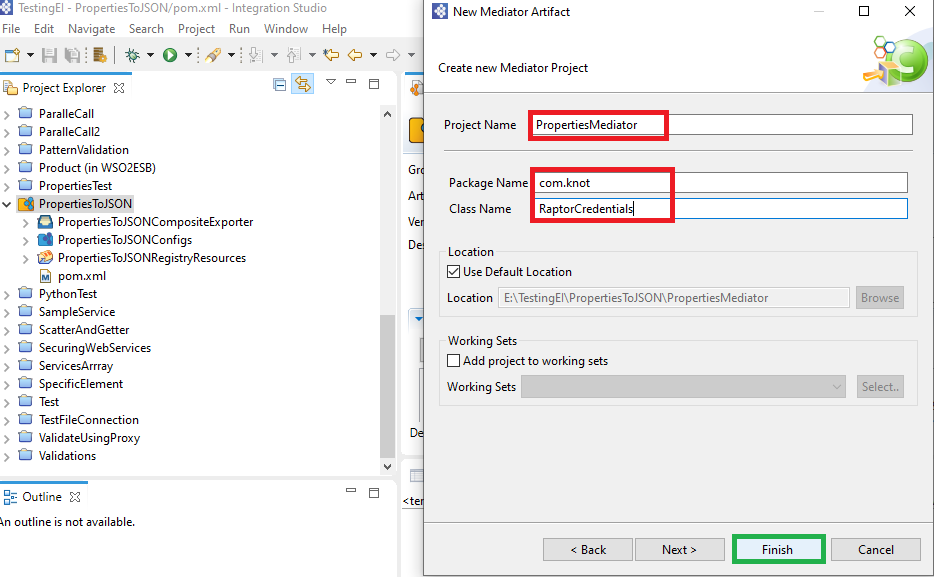
Description automatically generated

Step 7: Click on the Create New Mediator and then click on Next.

Graphical user interface, text, application

Description automatically generated

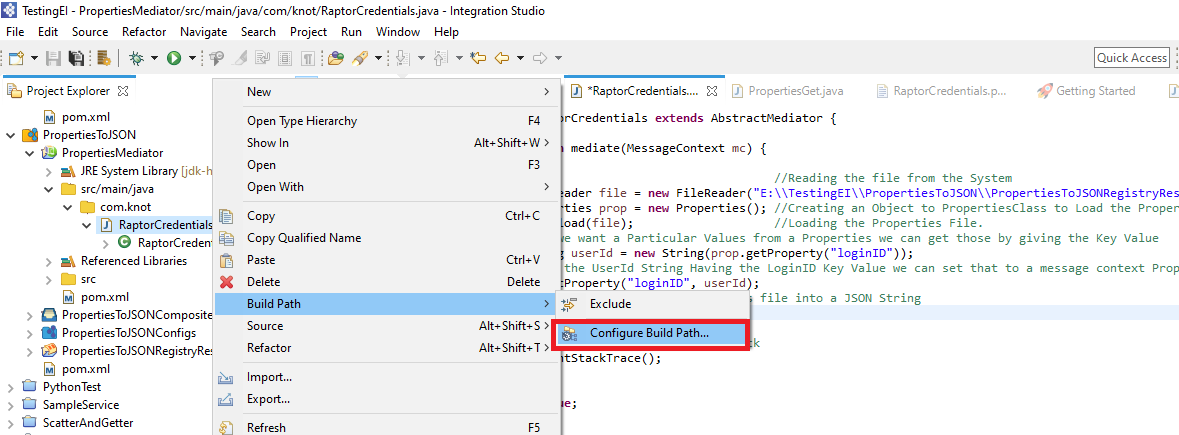
Step 8: Give a name to the Project and specify the Class Name along with its package name then click on Finish.



Step 9: The Class is created, and we have to add a additional jar file for JSONObject Class.

Download the Jar file from :<http://www.java2s.com/Code/Jar/j/Downloadjavajsonjar.htm>

Step 10: Right click on the Class and select the Configure the Build Path.



Step 11: Click on Libraries and select the Add External JARs and select the Jar File where you downloaded, then click on Apply and Close.

Graphical user interface, text, application

Description automatically generated

Step 12: Implement your Java Code and Save the Class.

Graphical user interface, text, application

Description automatically generated

Step 13: Right click on your mediation project, click on Export.

Graphical user interface, text, application, email

Description automatically generated

Step 14: Select the Java Jar File and click on Next.

Graphical user interface, text, application

Description automatically generated

Step 15: Select all the related files and select a destination to export the JAR and click on Finish.

Graphical user interface, text, application

Description automatically generated

Step 16: Now go to the API and add the Class mediator and give the Class Name completely along with the package.

Graphical user interface, application

Description automatically generated

Step 17: Add a Payload mediator and set the property as an argument and add the respond mediator.

Graphical user interface, application

Description automatically generated

Ex: Sample Source file of API

Graphical user interface, text, application

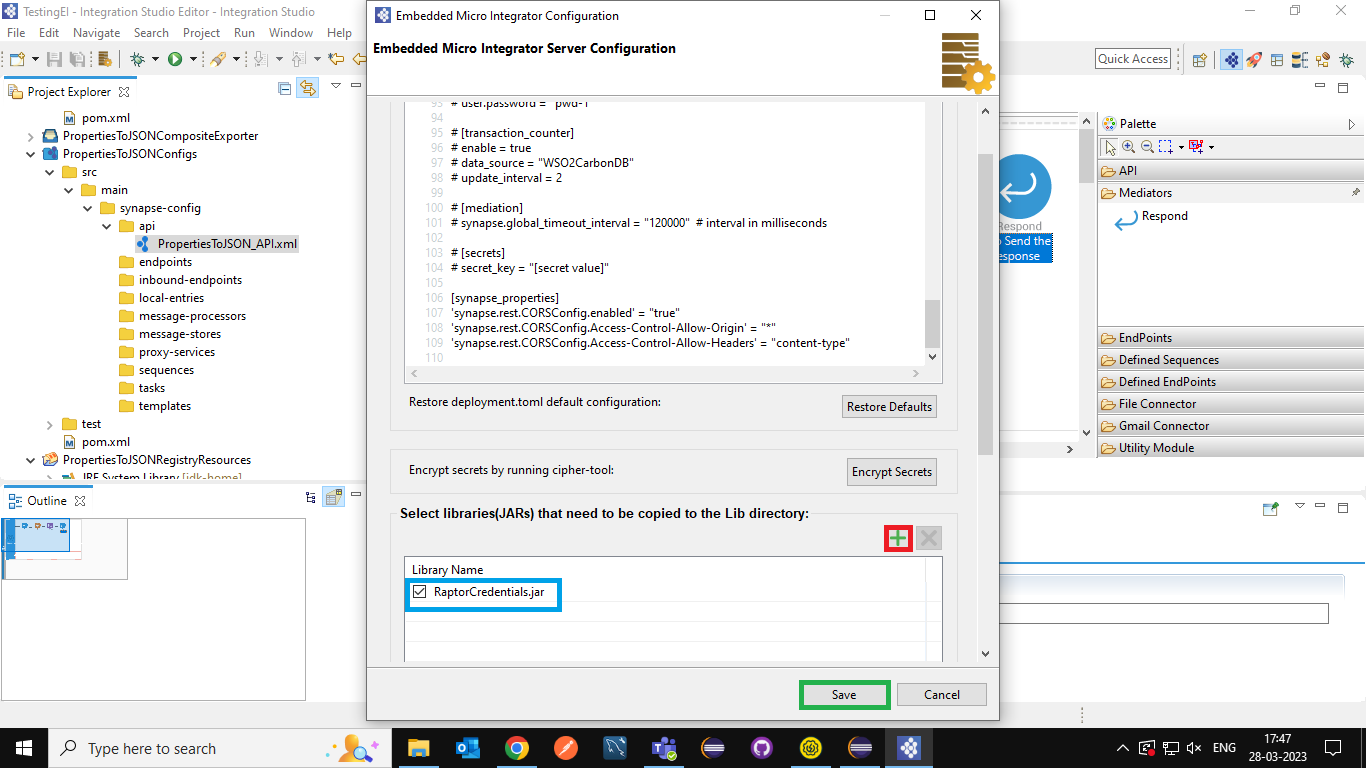
Description automatically generated

Step 18: Click on the Server Configuration of Micro Integrator.

Graphical user interface, text, application

Description automatically generated

Step 19: Click on the plus icon and add the JAR file and save.



Step 20: Add the ESB Configs and Registry Resource to the CAR file and Save.  
Graphical user interface, text, application, email

Description automatically generated

Step 21: Right click on the composite exporter and click on Export the Artifacts and Run.

Step 22: Copy the URL and execute it on Postman you can see the Properties are Converted into JSON Key Value Pairs in the Response.

Graphical user interface, text, application, email

Description automatically generated