

LAB- Using Scatter Gather

STEP1

Import 01-scatter-gather-start.jar

Open consumerest.xml , consumingsoap.xml, databaseendpoint.xml and
Observe that there are 3 flows to get data from Soap application, rest application
and database.

Now we want to concurrently get data from 3 flows and aggregate them

Create a new flow with name "scattergather.xml"

Drag Http Listener and configure it to listen on 8081 and /all

Drag Scatter Gather after it.

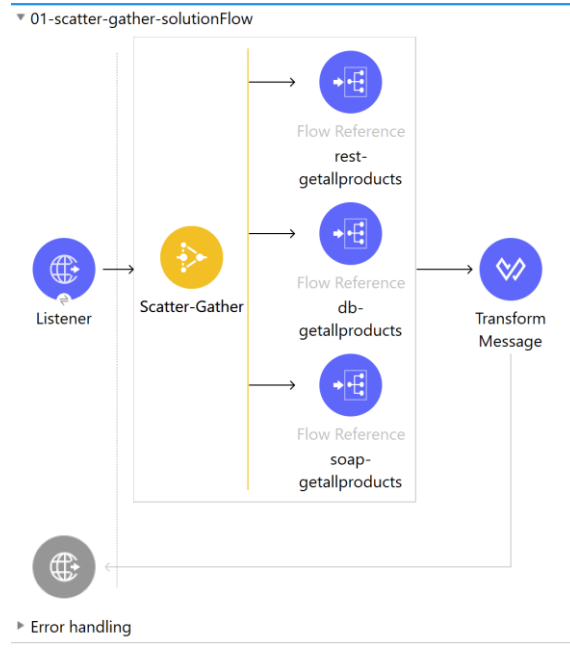
Drag 3 flow references after scatter gather.

Make these 3 flow references refer to the 3 existing flows.

Now drag a "Transform Message" component and configure it as shown below :

```
Output Payload ▼ ≡ ✎ 🗑
1 %dw 2.0
2 output application/json
3 ---
4 flatten(payload..payload)
```

Now the flow should look like below :



Run soap.bat and rest.bat given to you

Run the application and give a request to <http://localhost:8081/all>

You should observe the response as json which contains products from all the 3 sources(rest api, soap api and database)

What will happen if one of the flow throws an exeption ?

This is the end of the Exercise