

## Ex 4 - Calling external API

It is very easy to call external REST API's using the orchestrator and use the information in JD Edwards.

There are many places and directories on the internet where you can find REST API's. A noteworthy one is the programmable web: [www.programmableweb.com](http://www.programmableweb.com)

For this exercise, we will get the current time in a given time zone. We will use time AP for that: <https://www.timeapi.io>

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### Step 1: Create Connection

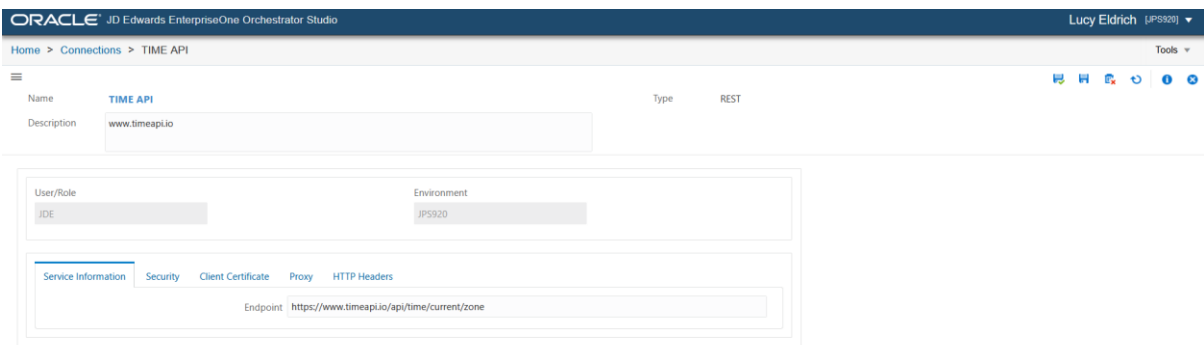
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Check out documentation on <https://www.timeapio.io>

In Orchestrator Studio:

Connections -> new connection

Endpoint: <https://www.timeapi.io/api/time/current/zone>



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### Step 2: Orchestrator Studio – Create Connector

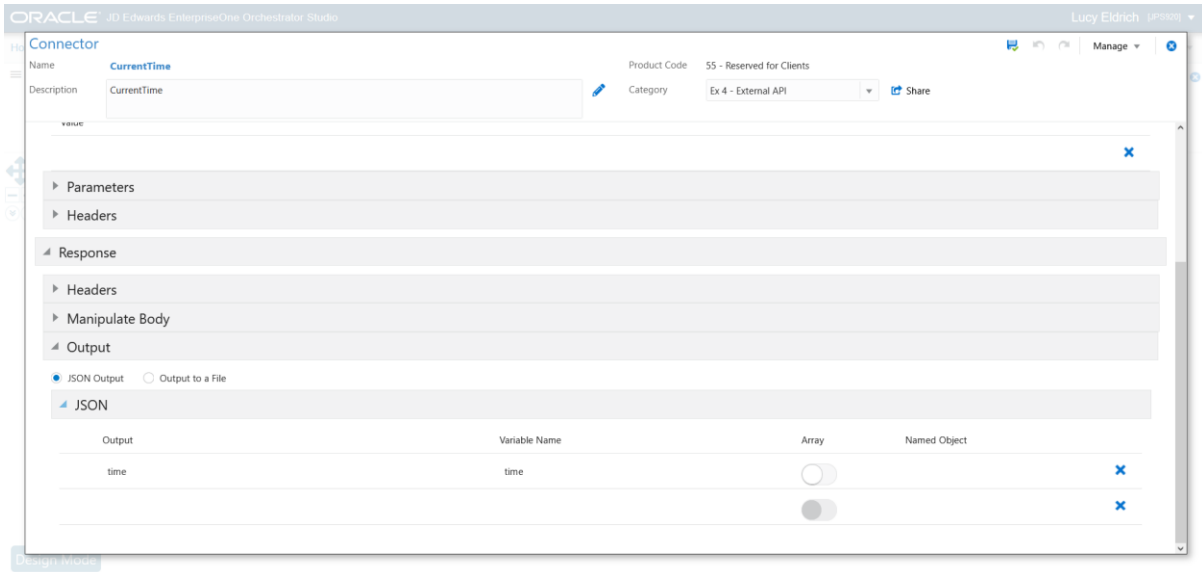
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Create connector:

Parameters: TimeZone: \${TimeZone}

Test and look at output (use TimeZone Europe/Paris)

Response output JSON: time



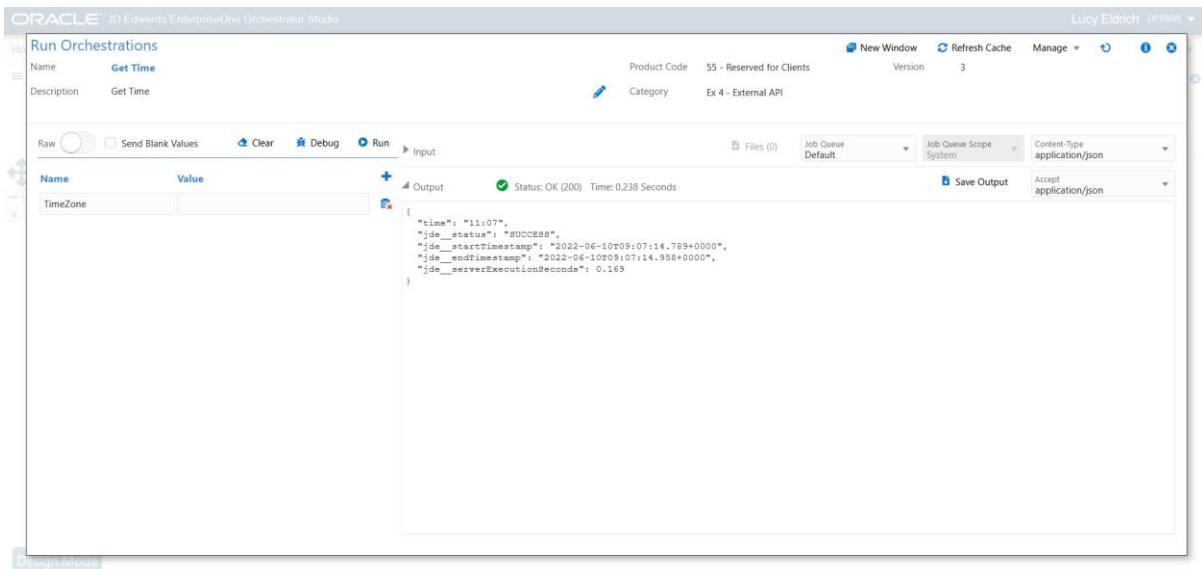
### Step 3: Create Orchestration

From the Connector: create Orchestration

Input TimeZone, default Europe/Paris

Map inputs

Test



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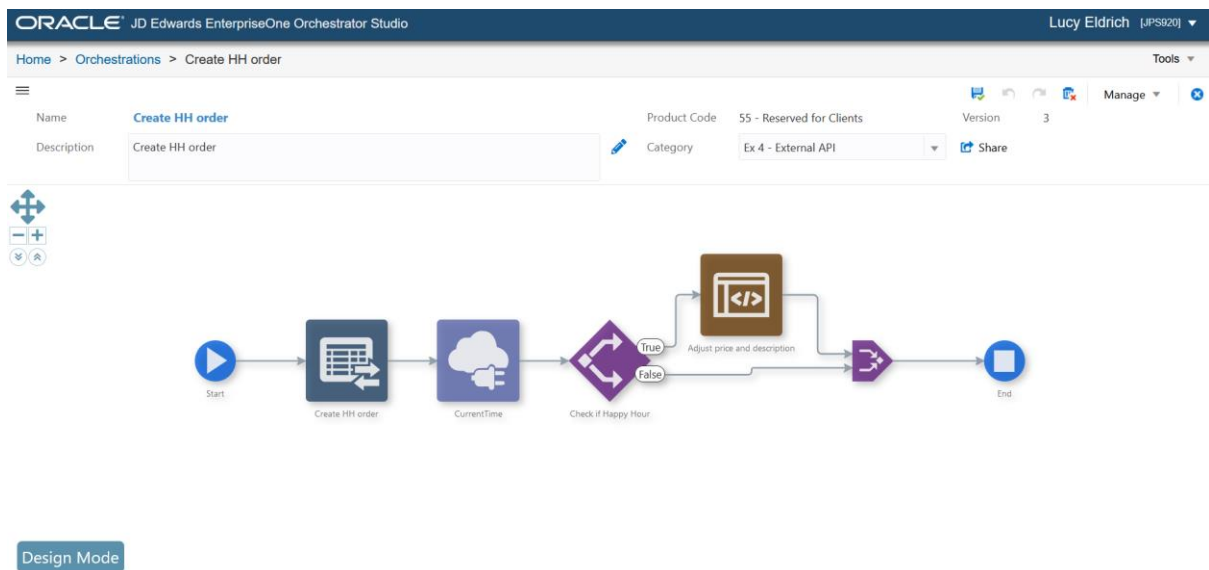
## Extra Exercise: Happy Hour Sales Order

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This is an additional exercise, left to the student to execute.

We would like a simple process to create a sales order with 1 order line. You should be able to call it from an EnterpriseOne page with minimal input. If the sales order is entered after 15:00, there should automatically be a rebate of 10% and HH (happy hour) should be put at the beginning of the description.

Here is some inspiration:



The screenshot shows the 'Enter Input' dialog for the 'Create HH order' process. The dialog has a title bar 'Enter Input' and a close button. Below the title bar, it says 'Create HH order' with 'Reset' and 'Run' buttons. The input fields are as follows:

Name	Value
TimeZone	Europe/Paris
Business Unit	30
Customer Number	* 4242
Item Number	* 220
Quantity	* 15

A 'Cancel' button is located at the bottom of the dialog.

ORACLE JD Edwards

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Orchestrations Exercises

Pick Slip  
Pick Slip

Create Order  
Create Order

Create Order

✔ Create HH order execution completed.  
A new order 12137 has been created for customer 4242.  
It is HAPPY HOUR, the customer got a 10% rebate !

OK