HCL SOFTWARE

HCL WORKLOAD AUTOMATION

Retail Demo Pack

Scenario 4

The Application Architect’s perspective

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Scene 1: cover

Welcome to HCL Workload Automation.

Your mission, as an Application Architect, is to Leverage APIs to easily change the workflow. Performing this demo, you will learn how to use the Swagger UI and explore and test the API services making the flow execution flexible to market's changes without affecting the core workload definition.

Let's Exploit the flexibility of API-driven scenarios

Scene 2: SoFy solution console

HCL Workload Automation provides a full set of rest API to interact with the workload object models and instances in the plan.

Steps:

1. From your solution console click on "General information menu in the HCL W orkload utomation tile"
2. Take note of user id and passwordfor HCL Workload Automation REST API and open the link, the Swagger UI page will appear

Scene 3: Swagger UI

HCL Workload Automation provides an easy swagger UI to document the API services and help you in creating your end-to-end scenario.

During this demo we will dynamically update the processing completion message for our demo flow.

Steps:

3. Click on "Authorize" button and insert the credentials you noted, then click on authorize and Close.
4. Expand the "[Model] vartable item in the list and the GET service sub menu. Click on "Try it out" button
5. Insert "order_table" in name field and click on "execute" button. You can take your time to review the api call.
6. Copy the Response body output text.

7. Expand the update service and click “try it out” button
8. Paste the copied text into the request body field.
9. In the request body locate the variable where key name is “MSG” and change its value as you prefer.
10. Copy the id of the object at the beginning of the request body.
11. Paste the copied id into “variable table Id” field
12. Click on “Execute” button and review the API call.

Scene 4: Workload designer

Steps:

13. Step back to the solution console and open the Dynamic Workload Console link, the Dynamic Workload Console welcome page will appear
14. Access the workload designer from the design menu
15. Click on variable table tile and open the order_table object in view mode
16. Find the MSG variable and has the new value you have set, then don’t forget to close the order_table object.
17. Switch to the explore area, expand the object list and click on job stream tile.
18. Open the the order_process object in edit mode.
19. Click on the submit icon and close the confirmation message to execute the selected job stream.

Scene 5: Dynamic Workload Console

Steps:

20. open the monitoring and reporting menu and select monitor workload
21. Select job stream as “Object type”
22. Edit the query and filter by job stream name inserting your job stream name as “/order_process”. The query field should reflect the filter you applied.
23. Click on “run” button to execute the query.
24. In the Monitor job streams page select your job stream by thicking the check box on the left in the table and then click on “jobs” button.
25. Wait until process_order job is in successful state, refresh the table periodically.
26. Select the process_order job by ticking the checkbox on the left and click on job log
27. The job log window will appear, you can check the output of the job and verify that now is issuing the new message you set.

Using rest API, you can also submit the workload, control its execution and more.

You have learned that is possible to integrate automation operations with external systems using our API.

Automate anything, run anywhere with HCL Workload Automation!