HCL SOFTWARE

HCL WORKLOAD AUTOMATION

Retail Demo Pack

Scenario 1

The Business User’s perspective

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Scene 1: Cover

Welcome to HCL Workload Automation.

You, as a retailer, are receiving orders of various sizes from various order management systems. Information needs to be analyzed, and orders fulfilled.

Order fulfilling is a repetitive process that requires to be reliable, scalable and performed in a timely manner, you surely need Automation!

~~H~~CL Workload Automation lets you manage complex processes in a simple way, to take the appropriate decisions over the batch flows at runtime. Let's see it in action!"

Steps:

1. Once your solution is deployed, access to the solution console.

Scene 2: SoFy site

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Scene 3: SoFy console

Here you can find the link and the credentials to access to the Dynamic Workload Console, our web interface, it's your single point of access to monitor your business-critical processes.

Steps:

2. Click on "General information" menu of HCL Workload Automation tile
3. Copy the API .endpoint's password
4. Open the Dynamic Workload Console link.

Scene 4: Dynamic Workload Console

From the Dynamic Workload console, you can model, plan & monitor your production workload. Comfortable and customizable dashboarding and flexible reporting services are also available, along with predictive scheduling capabilities, to keep governance on the whole process.

Job streams are automated process flows interconnecting different tasks running on different systems, from mainframe to cloud, and in different network zones like your private datacenter or the public cloud network and can be executed on schedule basis or on demand.

Steps

5. To enable the scenario, access the workload designer from the design menu
6. Click on variable table tile and open the order_table object in edit mode
7. Find the API_PWD variable and update its value with the api endpoint's password you copied previously. Save and don't forget to close the order_table object.
8. Click on "Planning" menu
9. Click on "Submit predefined job streams" menu item. You will land into the submit page.

Scene 5: submit page

Steps:

10. In "Job Stream" section click on the button next to "Job Stream" field
11. Click on the "Search" button next to job stream field to find "order_process" job stream. Select it and click "Ok".
12. In the "Alias" field, put an easy to remind name for the job stream, it will be used it query it during the monitoring activity.
13. Select your actual time and date by ticking the "Specify time and date" box. Click on the "Submit" button and then on the "OK" button on confirmation message.
14. For an effective management and monitoring of the job stream, open the "Monitoring and Reporting" menu and access the "Monitor Workload" item.

Scene 6: monitoring query

In the “Monitor workload” page you can create your monitoring query to track the status of the execution of your submitted job stream.

Steps

15. Select “Object type” as “Job Stream”
16. Filter the query by clicking the “Edit” button. Filter by job stream name inserting the alias you choose previously preceeded by the “/” chararcter. The query field should reflect the filter you applied.
17. Click on the “Run” button to execute the query.
18. In the displayed table, select your running job stream by ticking the check box on the left then click on “Job stream view” button.

Scene 7 job stream view

The flow prepared for this demo scenario is checking dynamically if the total amount of orders is relevant or not. In this case the not relevant branch of the flow is suppressed, the total value of the orders is challenged against three conditions and the flow will proceed if at least two of them are met.

Steps

19. Right click on “NEW_ORDER” box then select “Open” and “Job log” menu items to explore the step output and check if a condition is met or not. A new window will be opened, close it when you have finished.
20. Optionally you can force the view refresh by clicking the refresh icon next to the “Find” field on top of the page. And track the whole flow execution.

Scene 8: Dynamic workload console

Real world ecosystem can be much more complex and involves many different data sources such as SAP, Oracle, Informatica etc.…. And schedulers need to orchestrate the automation of heterogeneous applications avoiding island of automation and middleware scripting. HCL Workload Automation offers ready-to-use plugins which dramatically simplifies the modeling of the automation between IT and Business logic.

Steps

21. Step back to the Dynamic Workload Console page and click on the "Person" icon then on "Automation Hub" menu item.
22. Browse the Automation Hub web site, visit the catalog page to explore our integrations.

The Automation Hub is our automation marketplace where you can get new job plugins to create end to end automated flows.

You can automate different business domains using plugins such as Cloud, ERP, robotic process automation and IT operations to name a few. HCLSoftware is committed to continuously deliver new job plugins that can be added to your environment in plug & play style.

Enjoy your HCL Workload Automation Journey!