Hewlett Packard Enterprise

Extend your automation by reusing your recorded scripts

HPE Operations Orchestration process automation

Automation is one of the keys to IT efficiency. And that's what you get with the process automation capabilities in HPE Operations Orchestration software. These capabilities enable you to orchestrate your existing prerecorded process scripts to gain quick time to value.

Drive business value with process mining

The goal of process mining, as defined by the IEEE Task Force on Process Mining, is to discover, monitor, and improve business processes by extracting data from event logs readily available in today's information systems. For your IT team, the challenge is to exploit the knowledge gained from process mining to enable business goals.

This can mean, for example, using your process mining results to improve, streamline, and standardize business processes across your organization and enable compliance to organizational policies. The processes under investigation can include tasks that use software systems and tasks that must be performed manually.

Many organizations use a less formal and more focused approach to process mining by recording user actions performed while using a specific software system to perform a task. Here, the goal is to capture a set of user actions while performing a specific business activity. The end result is

a recorded script that can be played back by the user with "one click," avoiding the need to perform each step manually. Such scripts can be used for testing applications or automating an operational task.

Enter HPE Operations Orchestration (HPE OO), a next-generation IT process automation and orchestration solution that helps you reduce costs, errors, system downtime, and risk of non-compliance by automating manual IT processes. If you have existing prerecorded scripts, HPE OO enables quick time to value for automating your business processes by enabling you to use these prerecorded scripts as part of an end-to-end workflow that can include other activities, such as email notification or server restart.

Capture user behavior with HPE Virtual User Generator

HPE Virtual User Generator (VuGen) is a UI recording tool. VuGen is a component of HPE LoadRunner software that runs on a client desktop to capture the communication between the client application and the server. VuGen can emulate the exact behavior of a real browser by sending various protocol requests to the server. These transactions are

then saved as a script that can be replayed to emulate a real user. A script can be used in testing to generate a load on the web server. You can also use VuGen scripts in production to automate operational tasks to increase operator efficiency and reduce errors.
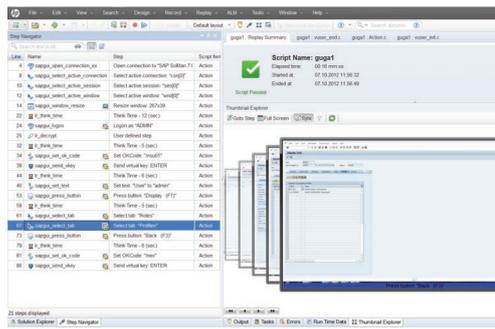
Run scripts in HPE Operations Orchestration

Most recording tools provide the ability to run a script via the command line. HPE Operations Orchestration ships with operations out of the box that allow you to run your prerecorded scripts locally or on a remote system via a command line invocation. In addition, the HPE OO LoadRunner integration provides a process automation flow that is already configured for running VuGen scripts. Your recorded scripts can then be run as part of a larger end-to-end orchestration workflow.
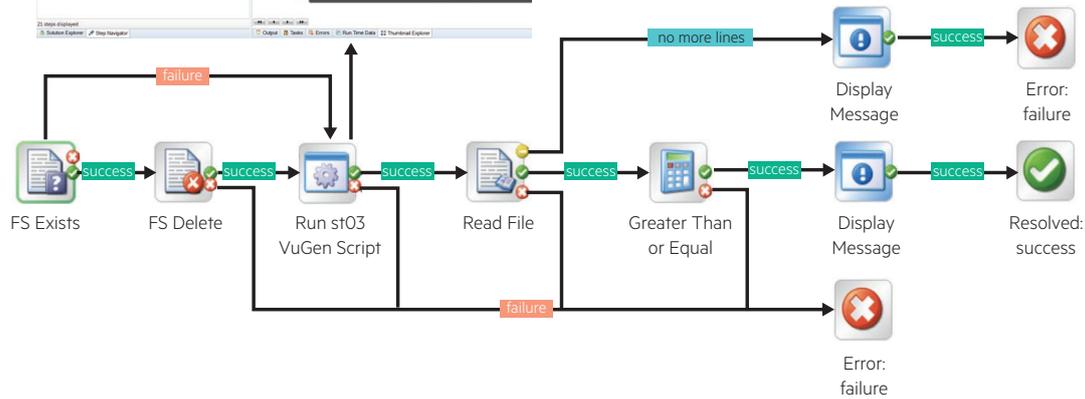
Automation made easy: an example

The diagram below shows an example of this informal process mining approach, where a prerecorded task can be part of a larger business process workflow that is automated using HPE OO.

VuGen script

- Use VuGen to record an SAP GUI task. In this example, we are executing an SAP Transaction Code ST03 to get the latest performance statistics and export the data to a local file.

- Create an HPE OO flow to:
  - Replay the VuGen script
  - Parse the local file created by the script
  - Select the DIALOGUE entry
  - Write the selected data to a central file for reporting purposes

Take full advantage of your existing scripts

HPE Operations Orchestration offers you the freedom to use your existing process automation scripts without having to reprogram them as an HPE OO workflow. This enables you to quickly reduce operational costs and increase your IT business agility by taking full advantage of your existing recorded scripts. In addition, HPE OO provides auditable and traceable end-to-end IT process automation to help you meet your compliance requirements.

Taking the next step

When the time is right, you can move from a recorded script to the appropriate HPE Operation Orchestration integration content pack to take full advantage of HPE OO's automation capabilities. An example is the SAP Process Automation Pack for SAP environments. You can utilize the HPE Operations Orchestration SAP Process Automation Pack to improve management of your SAP R/3 environment. The HPE OO SAP Process Automation Pack provides new IT process automation capabilities to improve management of your SAP business environment. This pack includes the SAP Wizard, operations, and example flows. The HPE OO SAP Wizard helps you to accelerate realization of SAP BAPIs (business application program interfaces).

Reusing your recorded scripts in HPE Operations Orchestration allows you to carefully manage your transition from your existing scripts to an API-based product integration with HPE OO content packs.

Resources, contacts, or additional links
To access technical interactive support, visit HPE Software Support Online at **https://softwaresupport.hpe.com/**

Join the enterprise software conversation and also view HPE OO Content Packs and Integration Guides at **HPE Live Network Communities**, **HPE Software Communities**.

For more information on HPE Operations Orchestration Process Automation Libraries, click on this **link**.

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