HCL OneTest API

ENSURING SOUND INTEGRATION OF COMPLEX SYSTEMS

HCL OneTest API triggers and validates a system's APIs across a range of network protocols and message formats.

It allows test cases to examine individual exchanges within larger transactions. This can be done in a non-intrusive manner using the same technologies for recording and service virtualization.

HCL OneTest API provides a scripting-free environment for developing tests for enterprise messaging and business process integration projects. HCL OneTest API's authoring environment provides the ability to use the same tools for environment discovery, system modelling and message recording to provide baseline data for creating tests.

Sample messages can be created and referenced in multiple test cases for maximum reusability. These messages can be used as templates, enabling simple updates for a group of tests, and shared validation rules allow re-use of validations across multiple test cases.

HCL OneTest

Capabilities

Discover
Uses multiple tools to discover how the system under test fits together, including dependency relationships

Observes system traffic and/or extracts information held within servers to understand the system under test

Model
Builds a model for systems under test
- Separates logical concerns from physical landscapes
- Easily switches between environments
- Houses all connection details in a single location

Test
Reuses data from the system model to create tests
- Utilizes a codeless environment with a set of rich actions to aid development
- Provides further customization using ECMA Script or Groovy

Benefits

Reduces Risk
Tests complex integration points between applications before they cause problems. Adapts to constantly-changing business needs

Reduces Cost
Automates at the API layer to test without needing to set up complex end-to-end environments

Improves Efficiency
Shifts testing left to test applications prior to delivery of the UI. Also, enhances coverage, while providing faster feedback to development

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