

Oracle Policy Automation Regression Test Tool

Monad have developed a regression test tool which examines two rulebases and asserts that both behave in the same way. Any discrepancies in the results are highlighted in a customisable report. This tool can be deployed in the two scenarios described below.

Migrating OPA Versions

Whenever a decision is made to upgrade OPA, there will be a need to confirm that the rulebase behaves consistently when running under the new OPA version. The Regression Test tool will take a data set as input, run the determinations in the rulebase and highlight outcome differences. The tool will also output a complete report of the rulebase outcomes for both versions so to enable users to have a more granular case analysis.

Data Model amendments of existing rulebases

For a variety of reasons, the naming used in the OPA Rulebase may need to be updated to reflect changes in industry or policy terminology. After this renaming is complete, there is an exercise to map the fields from the existing rulebase on to the new rulebase. Once the mapping is completed the regression test tool can be used to run the determinations in the rulebase and confirm that they are semantically equivalent.

Regression Test Harness Report

Last run: 13 June 2014 13:44:52 UTC

[Expand Dashboard](#)



Summary

| Cases | | Outcomes | |
|----------------|---|----------------|----|
| Total compared | 6 | Total compared | 24 |
| Total matches | 0 | Total matches | 0 |
| Total faults | 6 | Total faults | 24 |
| Total Errors | 0 | Total Errors | 0 |

Report Detail

| Release One | | Release Two | | Result |
|------------------------------|----------------|-------------|----------------|--------|
| Case ID | Master Case ID | Case ID | Master Case ID | |
| 1-1234568 | 1-1234567 | 1-1234568 | 1-1234567 | Pass |
| Show details | | | | |
| 1-1234569 | 1-1234568 | 1-1234569 | 1-1234568 | Fail |
| Show details | | | | |
| 1-1234570 | 1-1234569 | 1-1234570 | 1-1234569 | Pass |
| Show details | | | | |
| 1-1234568 | 1-1234567 | 1-1234568 | 1-1234567 | Pass |

Report from OPA Regression Test harness

About Us

Monad Solutions is the world's one-stop-shop for Oracle Policy Automation (OPA), and related Oracle technologies including Siebel CRM and RightNow CX. We provide OPA licences, training, consulting, implementation and pre-built solutions to a growing number of customers around the world, and partner with system integrators to provide deep expertise to large IT implementation projects.