

Overview: Test automation for the back-end

The RapidRep[®] Test Suite is an innovative solution for the automated testing of objects that do not require any user interaction (back-end).

RapidRep[®] is universally applicable and complies with all relevant ISO/IEC/IEEE testing standards.

Test objects: Programs (non-GUI), data storage,

data processing, web services, processes

Test types: Function tests, migration tests, data comparison tests, regression tests, and others.

Further information:

www.rapidrep.com/test-suite

Important product features

- Rule Engine for the determination of expected results (model-based testing with the help of rule sets)
- Configurable solution for rule-based data quality evaluations and automated data comparison (with a wizard)
- Integrated, efficient development environment for SQL and 2 script languages, incl. syntax highlighting, proposal lists, business API
- Wizard for the connection to and post-processing of web services by means of SQL, XQuery, XSLT, XPath or Javascript
- Integration of MS Excel as tool for test case design, result presentation, management of rules
- Seamless connection to various test and defect management systems (see below)
- Version control of all states of development in a repository
- Central administration of all settings for authentication and authorization
- Documentation, Help, program interface available completely in German and English

Supported systems

Test management systems

- HP Quality Center / ALM: 9.0, 9.2, 10.0, 11.0, 11.5, 12.5
- IBM Rational Quality Manager: 2.0, 3.0, 4.0
- Microsoft TFS: 2010, 2012, 2013, 2015
- IMBUS TestBench 2.3, 2.4
- RapidRep[®] Quality Master: 1.0

Defect management systems

- Atlassian JIRA from version 5
- HP Quality Center / ALM: 9.0, 9.2, 10.0, 11.0, 11.5, 12.5
- IBM Rational Quality Manager: 2.0, 3.0, 4.0
- Microsoft TFS: 2010, 2012, 2013, 2015
- IMBUS TestBench 2.3, 2.4
- RapidRep[®] Quality Master: 1.0

Operating systems

- Windows: XP SP3, Vista, 7, 8 and 8.1
- Red Hat-Linux, SUSE-Linux: ab GTK > 2.2.1
- IBM AIX
- Solaris / Open Solaris

Repository databases

- Oracle: 10g Rel. 1, 10g Rel. 2
11g Rel. 1, 11g Rel. 2
12c Rel. 1
- Sybase Adaptive Server: 12.5, 15.0, 15.5, 15.7
- IBM DB2: 9.1, 9.5, 9.7, 10.1, 10.5
- Microsoft SQL Server: 2005 (SP1 -SP3), 2008 (SP1)
2012, 2014
- Apache Derby: Version included in delivery

System requirements

- 1GB RAM
- Approx. 450 MB disk space
- MS Excel (2007, 2010, 2013, 2016)



Supported test objects

The RapidRep® Test Suite is a solution for the test automation of the back-end. The broad range of test objects includes tables, files and programs without a graphical user interface.

Back-end test objects

- Programs and functions (non-GUI)
- Data storage
- Data processing
- Batch processes
- Web services (SOAP | REST)

RapidRep® can test data from many different data sources (see below) or use them for a test. In an auto-

mated target / actual comparison, for example, RapidRep® can use the expected result or determine it by evaluating rules on the input data (RapidRep® as “test oracle”).

Data sources

RapidRep® supports access on data of different origin. Currently, RapidRep® can access more than 50 different data sources via JDBC* and use them simultaneously in a test case.

** (not included in delivery)*

Data warehouses

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| <ul style="list-style-type: none">• ADABAS• Apache Derby• CA Datacom/DB• CA IDMS• Clipper• CUBRID• DB2• dBase• Firebird• FoxPro• Frontbase | <ul style="list-style-type: none">• H2 Database• HSQLDB• IMS• Informix• Ingres• Interbase• InterClient• Intersystems Cache• Java DB• LDAP• LucidDB | <ul style="list-style-type: none">• Mckoi• Mimer SQL• MongoDB• MS Access• MS SQL Server• MySQL• neo4j• Nonstop SQL• NuoDB• OleDB Provider• OpenIngres | <ul style="list-style-type: none">• Oracle• Paradox• Pointbase• PostgreSQL• SAP HANA• SAP MaxDB• SAS• Sybase Adaptive Server Enterprise• Sybase IQ• Teradata• ThinkSQL |
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Text formats

RapidRep® can access the content of files and use it for testing. The drivers and wizards required for this are an integral part of RapidRep®. Supported file formats: CSV, Fixed Length, XML, MS Excel.

Contact

You can reach a product specialist in Germany by phone: +49 (0) 69 254 98 76. Or visit us online: www.rapidrep.com/test-suite



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