Professional Test Management

"There is always one more bug ..."
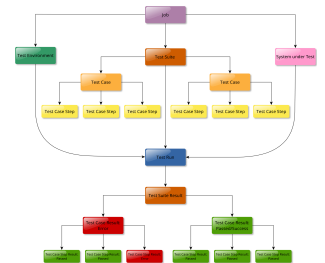
Klaros Testmanagement at a glance
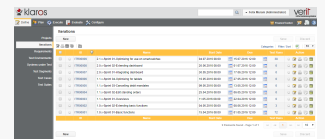
Test Management

Data Management

All data of a test project such as test cases, test suites, test requirements, test environments, test objects, test runs and test results are stored together in one database.

The organization and evaluation of the data takes place via a modern and comfortable web interface.
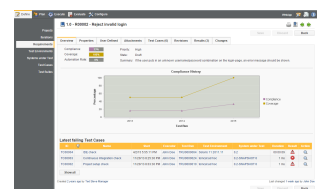
Agile and Classical Processes

In addition to classical development processes such as the waterfall or V-model, iterative and agile methods such as Scrum or Kanban are also supported.

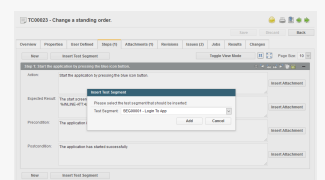### Requirements and Coverage of Requirements

Test requests can either be managed directly in Klaros or synchronized with external sources such as JIRA. The respective requirement coverage can be viewed at any time.
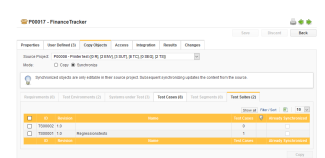
Modularization

Frequently recurring test steps can be grouped into segments, saved and, if required, easily selected and reused.

Thus tests can be maintained with minimal effort.

Shared Use

If required, test cases and test suites can be centrally maintained and used in several projects simultaneously. Changes are only necessary at a single point and can be passed on to selected projects selectively.
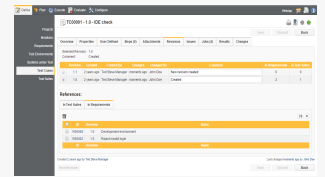
Test Management

Versioning

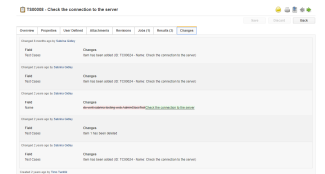Klaros Test Management supports the versioning of test requirements, test cases and test suites.

The individual versions can be maintained, evaluated and executed separately.

Change Tracking

All updates are automatically logged and displayed in a change history to ensure complete traceability of all changes to the managed data such as test cases, test steps, etc.
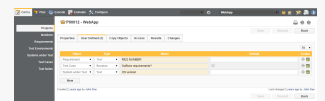
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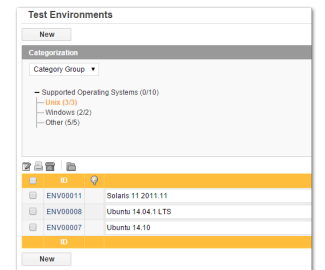

User-defined fields

Each test project can be individually configured using user-defined fields. These fields are available for requirements, iterations, test segments, test cases, test suites, test environments, and test systems.
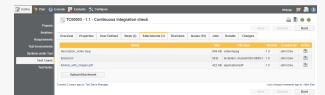

Individual Views

All objects involved can be arranged in one or more tree structures by categorizing them.

Similar to a file system, this is structured according to individual criteria and allows different views of a test project.
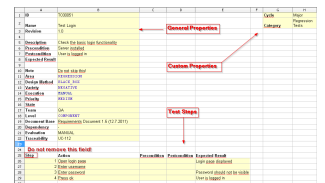

Attachments

Additional information such as test data, text documents, graphics or screenshots can be uploaded to Klaros Test Management, saved and assigned to objects such as test cases and test results.

Import and Export

Existing requirements and test cases can be imported from XML and Excel files. If required, a continuous adjustment with an external data source or application takes place via a REST interface.
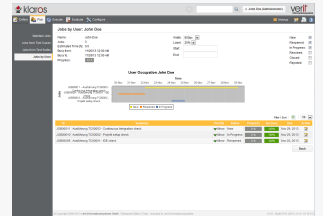
Test Planning

Planning Test Management Tasks

At the push of a button, tasks for executing test cases and test suites are created and assigned to individual persons. The status of task execution can be viewed at any time.
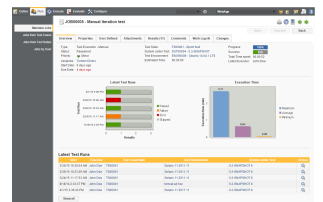
Test Coordination

Tasks can be divided into sub tasks, arranged hierarchically and assigned to testers.

By defining dependencies, you can define preconditions for successive test sequences.

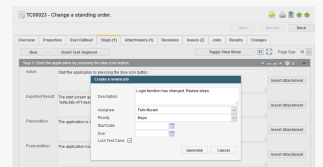## Capacity utilization, progress and success

Comprehensive tables and graphs show utilization, duration and progress of test activity for each user.

The progress and success rates of the tests are directly visible and always up-to-date.

Reviews

Test cases can also contain errors. A review process of these tests can be generated as a special task and assigned to users. Its further course is automatically logged.
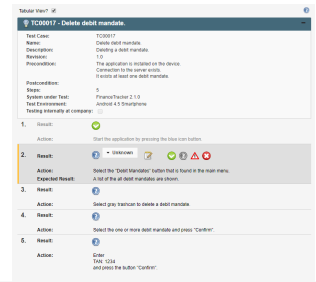
Test Execution

Guided manual test execution

Klaros Test Management guides the tester step by step through the manual tests.

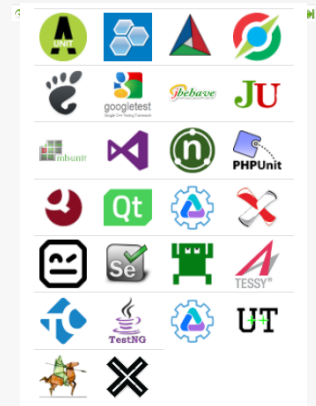The test run is automatically logged and makes the data available for evaluation.

Annotations and attachments can be added to the test result documentation at every step.

Automated execution

Test results generated by test automation tools can be imported manually or via REST interface and merged with manual test results.

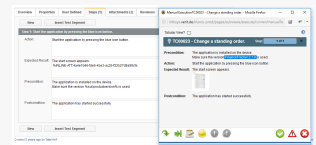More than 30 different formats and tools are supported.

Integrated error creation

Discovered errors can be created and modified during test execution directly in issue management systems such as Bugzilla, GitHub, GitLab, JIRA, Mantis, Redmine and Trac, without leaving Klaros Test Management.
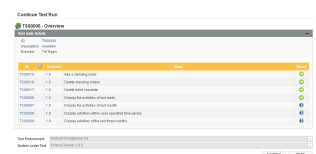
Separate test data and test instructions

The input data used in test cases such as logins, IDs, etc. can be defined and stored externally in Excel sheets. Tests can thus be parameterized in a targeted manner and can be reused in different scenarios.

Resume interrupted tests

Manual test execution can be interrupted at any time and resumed at a later time directly at the same position in the test case.
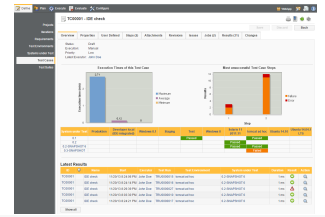
Continuous Integration

A plug-in for the Jenkins Continuous Integration Server automatically transfers the test results from a build to the test management software.
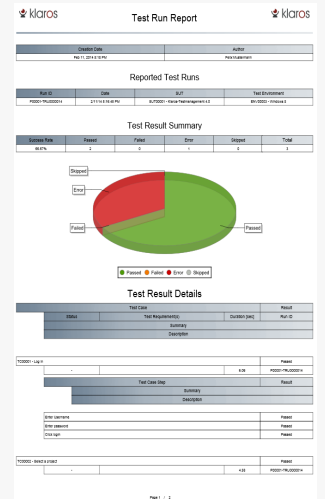
Test Evaluation

Clear and meaningful reports

Evaluations and statistics can be easily prepared and retrieved from the information stored in the database.
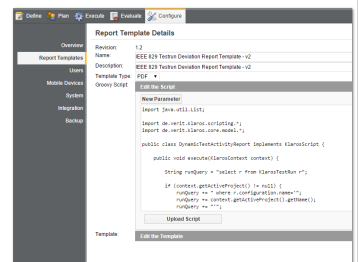
Predefined reports

Klaros Test Management Enterprise Edition already contains numerous predefined reports that can be accessed directly.
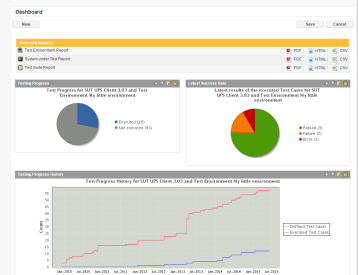
Individual reports

With the help of a programming interface that provides access to the entire database, individually designed reports in PDF or Excel format can be freely defined and generated.

Configurable dashboard

The dashboard offers multiple reports that show the status and progress of individual activities and the entire project at a glance.
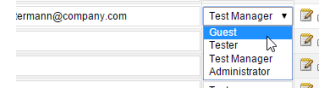
It can be configured by the user according to individual requirements. Single reports can be exported to several formats like PDF or HTML.

Test Evaluation

Print View

Most views and result tables provide a customizable print-friendly page view and can be sent directly from the browser to the printer.

Excel export of data tables

Data tables can be exported to Excel files for post-processing and evaluation.
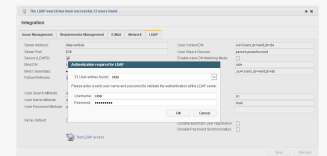
Configuration and Interoperability

Rights and role system

Users can be assigned different access rights - from administrator rights to read-only access. This can take place both globally and at project level.

LDAP and Active Directory

User authentication and password management can be done directly in Klaros Test Management or via an external LDAP or Active Directory server.
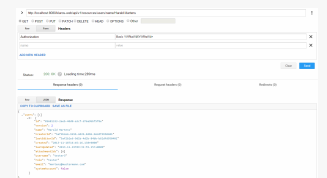
Email notifications

The status of operations such as the completion of a test, the performance of a test review and many more can be sent to the participating users or other persons as email notification if desired.

 There are numerous configuration options that can be individually tailored to individual projects.

Data interface (REST)

The data stored in Klaros Test Management can be made available to other tools via the REST interface. Customized integrations with your own tools can be easily implemented. This allows a multitude of new integration possibilities.

Backup and Restore

The project data is saved in XML format. Individual projects or the entire inventory can be saved and restored as required.