



## **Klaros-Testmanagement 4.9 Supports Single Sign-on Authentication**

Version 4.9 of the test management software for organizing, executing and evaluating test cases is now available for download from the website.

The Klaros development team has focused on stabilization and fine-tuning in this release. A total of 21 improvements have been made and almost 40 minor issues have been resolved.

The improvements and new features simplify the integration of Klaros test management into existing IT landscapes and offer further mechanisms to facilitate daily work.

As always, the helpful hints of the users have been included in the improvement of usability and performance.

### **User Authentication via Single Sign-on**

Klaros-Testmanagement now also supports Single Sign-On user authentication via CAS (Central Authentication Service) for seamless integration into an existing IT landscape. This ensures central, cross-tool administration of user and authentication information throughout the company.

### **Simplification for Recurring Test Instructions**

The test segments for the structured design of test cases were already introduced in version 4.8.

Recurring test instructions can be summarized and inserted as a single unit in a test case. If there are now numerous variants for these test steps - always the same steps that may only differ in one value - these values can now be edited separately in each test case. Local changes are automatically marked and the underlying original test segment remains unchanged.

### **Enhanced Print-optimized Information Pages**

In Klaros-Testmanagement many pages can be output in a clear and print-optimized format directly from the browser. With version 4.9, these pages have been extended by a lot of information that was previously only displayed on the overview pages.

### **Automated Backups via RESTful Service**

Backup files of individual projects can now be created via remote requests via the REST API. This is necessary, for example, to automatically create backups of projects.

A total of 21 improvements and 38 stability fixes have been made in this release. The release notes can be found here: <https://www.klaros-testmanagement.com/news>

## About Klaros-Testmanagement

Klaros-Testmanagement is a modern web application for professional test management. The test management software provides components for resource planning and evaluation of test activity.

The tracking of test requirements is supported as well as an agile test management (Scrum, Kanban). Interfaces to issue trackers such as JIRA, Redmine or GitHub, test automation tools such as Selenium, QF-Test or JUnit and continuous integration servers allow seamless integration into existing development environments and facilitate data import and export.

Numerous included reports as well as the possibility to define individual reports guarantee a meaningful evaluation of the test results.

With the Mobile Edition, which is available in addition to the web application, it is possible to run manual test cases on a mobile device and document them via audio, video and GPS.

Klaros-Testmanagement is available as server installation as well as cloud version. A free Community Edition can be downloaded from the website.

In addition to the software, various services such as implementation consulting, training, reviews, individual adaptations and extensions.

## Awards

Klaros-Testmanagement was nominated for the Innovation Award of the Initiative Mittelstand in 2010 and received the award "Best of" in the category Quality Management in 2013 and 2014.

## About verit Informationssysteme GmbH

verit Informationssysteme GmbH is a software company based in the Kaiserslautern Technology Center PRE-Park. The company has been developing software primarily in the Java environment since 1997 and specializes in software quality assurance.

With Klaros-Testmanagement, the company has been developing and marketing a professional test management solution since 2009, which has already received several awards and is used by companies internationally and in a wide variety of industries.

verit Informationssysteme GmbH is a member of the Arbeitskreis Software-Qualität und -Fortbildung e.V. (working group for software quality and further education). (ASQF), in the Software Technology Initiative Kaiserslautern e.V. (STI e.V.) and the Förderverein Informatik at the TU Kaiserslautern (FIT).

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# Tags

Test management, software quality, testing, JIRA, GitHub, test automation, product publication, release, test tool, medium-sized business software, software

# Screenshots

The screenshot shows the 'TS00007 - Edit standing orders' page in the klaros application. The interface includes a top navigation bar with 'Define', 'Plan', 'Execute', 'Evaluate', and 'Configure' tabs. A sidebar on the left lists navigation options like 'Projects', 'Iterations', 'Requirements', 'Test Environments', 'Systems under Test', 'Test Segments', 'Test Cases', and 'Test Suites'. The main content area has tabs for 'Overview', 'Properties', 'User Defined', 'Attachments', 'Revisions', 'Jobs (11)', 'Results (21)', and 'Changes'. The 'Overview' tab is active, displaying 'System under Test: Not set' and 'Latest Executor: Felix Mustermann'. Below this, there are two charts: 'Latest Test Runs' and 'Execution Time'. The 'Latest Test Runs' chart is a horizontal bar chart showing results for five test runs from 11/22/17 to 12/4/17. The 'Execution Time' chart is a vertical bar chart showing maximum, average, and minimum execution times. At the bottom, there is a table of test results for various system versions across different devices.

System under Test	Android Smartphone 5.0	Android Tablet	Android Smartwatch	Android 4.4 Smartphone	Android 4.5 Smartphone
FinanceTracker 1.1.0	Failed				
FinanceTracker 1.1.1	Passed	Passed			
FinanceTracker 2.0.0	Error	Failed			
FinanceTracker 2.0.1	Error	Passed			
FinanceTracker 2.1.0	Failed	Failed	Failed		Passed

The screenshot shows the 'SU T00006 - FinanceTracker 2.1.0' page in the klaros application. The interface is similar to the previous screenshot, with a top navigation bar and a sidebar. The main content area has tabs for 'Overview', 'Properties', 'User Defined', 'Attachments', 'Issues (11)', 'Results (406)', and 'Changes'. The 'Overview' tab is active, displaying 'Success History' as a line chart showing trends for Success, Progress, Compliance, and Coverage from 2016 to 2017. Below the chart, there is a table titled 'Most unstable Test Environments' listing various environments with their respective metrics. At the bottom, there is a table for 'Latest failing Test Cases'.

ID	System under Test	Test Runs	Success	Progress	Compliance	Coverage	Action
ENV00005	Android 4.5 Smartphone	90	20%	25%	18%	22%	
ENV00001	Android Smartphone 5.0	17	37%	50%	40%	50%	
ENV00002	Android Tablet	17	41%	58%	45%	59%	
ENV00003	Android Smartwatch	27	62%	75%	68%	77%	