



rSmart Sakai CLE

Version 2.8.6

Release Notes



rSmart[®]

SUPPORTING OPEN SOFTWARE FOR EDUCATION

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Product Release Information

Product: rSmart Sakai CLE

Release Number: 2.8.6

Release Date: October 1, 2012

Customer Support: For more information, please visit the [rSmart Support Network \(RSN\)](#).

Overview

Version 2.8.6 of the rSmart Sakai CLE improves the performance, stability, and usability of the CLE. The release provides both enhancements and bug fixes.

Release Highlights

Integration with i>clicker

This release includes integration with the [i>clicker](#) response solution. With this integration, an instructor can easily add i>clicker polling results to a gradebook:

- An *i>clicker* tool can be added to My Workspace or course sites. The tool lets students register the IDs for their i>clicker remote devices. Students only need to register once, even if using a device for multiple course sites. Instructors may use the tool to view device registration status for students in their sites.
- Via course grade export in Gradebook or Gradebook2, instructors can download site rosters to the i>clicker software. Instructors can then import polling data from an i>clicker session via Gradebook or Gradebook2, so the session results are displayed as scores in the gradebook.

The integration can be used with the latest [i>clicker software](#).

Note: This integration is optional. It requires a service fee for additional configuration of the CLE, as well as the necessary hardware and software from i>clicker. For more information, contact rSmart support.

Apache Tomcat

With this release, rSmart supports [version 7](#) of the [Apache Tomcat](#) server and no longer supports version 5.5 of Tomcat.

Note: *Upgrading to this release requires an upgrade to Tomcat 7.0.28.* We do not recommend upgrading to version 7.0.29, because our testing has uncovered significant issues regarding startup time and performance.

Evaluation System

For CLE System Administrators accessing the Evaluation System tool in the Administration Workspace, load times for the "My Evaluations" page have been significantly reduced, even when there is a large number of evaluations.



Other Enhancements

This release also includes the following improvements:

- New web services have been added for creating and managing Quartz jobs.
- A new web service has also been added for copying the content of one site to another site. The service creates a list of tools in the source site and transfers this tool content.
- In addition, a new web service has been created for resetting My Workspace sites, so tools and permissions for the sites can be more easily changed.
- A new user provider has been created for [Jenzabar](#) authentication service.
- As part of support for Tomcat 7, *commons-el* has been added to kernel direct common deploy.
- For institutions with basic Student Information System (SIS) integration and customized gradebook export, additional section metadata from SIS can now be included in grade exports.
- Report Service export formats now include csv and json options.
- The LDAP provider authentication process has been improved.

Tools No Longer Included

With the 2.8.6 release, rSmart will no longer include the **Mneme** and **Live Virtual Classroom** tools in the CLE. If you plan to use either of these tools, please contact rSmart support for alternative solutions.

CLE Platform Requirements

Supported Platforms and Browsers

For information about the platform/browser combinations rSmart has tested and currently supports, see [rSmart Sakai: User Platform & Browser Compatibility](#).

rSmart Sakai CLE Server System Requirements

Component	Supported Versions
Operating System	<ul style="list-style-type: none"> • Red Hat Enterprise Linux (RHEL) AS, ES 4.0+ • CentOS 4.x+ • SuSE Enterprise Server 9+



Component	Supported Versions
Application Server	<ul style="list-style-type: none"> • Tomcat 7.0.28 (**Do <i>not</i> use Tomcat 7.0.29--known issues with deployment descriptors slow down the system.) <p>Note: Tomcat version 5.5 is no longer supported.</p>
Web Server	<ul style="list-style-type: none"> • Apache 2.2.16+ (with mod_jk connector 1.2.26+)
Java JDK	<ul style="list-style-type: none"> • Version 1.6
Database Server (RDBMS)	<ul style="list-style-type: none"> • MySQL 5.1.60, 5.5.18 • Oracle 10g+

Bug Fixes

The 2.8.6 release includes 26 fixes for the following issues.

(**Note:** For more information about a particular issue, contact rSmart support with the appropriate issue key. You may also click on a link for a related community issue).

Blogs (BlogWow)

- The CLE can fail to start up in certain environments, because of blogwow *reflectutil* jar file (CLE-9987)

General

- Virus scanning is slow (CLE-10036)
- SakaiReport service fails with *java.lang.NoClassDefFoundError: SakaiReport\$FormatType* (CLE-10044)
- ReportService does not handle entering 0 for number of rows (should return all rows); instead an error is received (CLE-10052)

Gradebook

- Selecting "View All Grades" or "Course Grades" results in error (CLE-10012)

Gradebook2

- The *UserPropertyDisplayAdvisor.getDisplayId()* is broken (2.8.3 and later), causing the student ID column in export files to populate incorrectly (CLE-10046)

Job Scheduler

- The *startScheduler@org.sakaiproject.api.app.scheduler.SchedulerManager* property, which allows for dedicated schedulers, is no longer respected (CLE-9975)
- Sakora *audit results* job is populating the Job Scheduler and causing it to fail (CLE-9952)

Lessons (Melete)

- The FCKEditor in Lessons needs to be configured so non-Latin characters are accepted (CLE-9924)
- The type value of the file field for the "select" link (when uploading or linking to a file in a content section) has to be updated, so it can be properly identified (CLE-10035)

Messages & Forums Notifications

- The "Messages & Forums Notifications" synoptic tool (sakai.synoptic.messagecenter) is not displayed on a site home page, even after the Messages or Forums tool is added to the site (CLE-9547)

Portal

- Guest access login page is missing the "Password Reset" link (CLE-9913)
- With PDA, a CAS login does not take user to My Workspace (CLE-9792)

Providers

- Token-based sign-on does not log on user in CLE versions 2.8.4.1 and 2.8.5 (CLE-9968)

Rich Text Editor

- In the FCKEditor, the "Preview" and "Maximize the editor size" buttons are missing from the tool bar (CLE-10031)

Sections

- Attempting to add a section results in an error (CLE-9996)

Site Information Display

- Frame height not being set correctly (CLE-9836)

Site Setup/Site Editor

- A NullPointerException (NPE) results if a user creating a site does not have an email address (CLE-9994)
- On "Manage Access" page, the "Global "Access" options are not respecting the "joinable" property setting (wsetup.disable.joinable) that determines whether course site owners may change the option. In addition, for project sites, the availability of "Global Access" selections should not be dependent on "Site Status" selection (CLE-9928/[SAK-20913](#))
- With Course Management (CM) integration, manual site creation brings in rosters even when the user creating the site is not the instructor of record (CLE-10043)
- When importing or duplicating a site via the Site Editor, links to tool content are not being updated, so the original site ID is not being replaced with the new site ID (CLE-10007)



- A NullPointerException (NPE) results when creating a new site and opting to import tool content from an existing site (CLE-10029)

Skin Selector

- Using Internet Explorer (IE) 8, dropdown menu does not display full list of skins (CLE-9582)

Tests & Quizzes (Samigo)

- Message bundle keys are missing for numeric response questions (CLE-9894)
- When a published assessment with existing submissions is edited, "regrade and republish" sets a student's multiple submissions to the same time/date (CLE-9955)

Web Services

Webservice won't build, indicates it is missing maven coordinate `org.sakaiproject.maven.plugins:sakai:1.2.0` (CLE-10025)

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