



Notices

Edition

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Corporate information

Rocket Software, Inc. develops enterprise infrastructure products in four key areas: storage, networks, and compliance; database servers and tools; business information and analytics; and application development, integration, and modernization.

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Chapter 1: What's new in Rocket LegaSuite Web Version 8.5.6

What's new functionality describes new functionality that is included in Version 8.5.6.

Workbench

Enhancement	Description
Iterative development	<p>Additional enhancements have been made for iterative application development using Smart Build.</p> <ul style="list-style-type: none">When the automated rules for Smart Build do not match the fixed text as a field caption for a field, you add a label using the Label Identify toolbar icon on an open picture to connect fixed texts to fields. <p>Smart Build uses this label to create the correct field captions.</p> <ul style="list-style-type: none">Once a label is identified, you can also change the type of field in the picture so that Smart Build will create a different widget on the page.Another introduced option is to hide text and fields from pictures to exclude them from the Smart Build process. <p>For more information about this functionality, see topic <i>Changing Smart Build results using labels</i>, in the <i>LegaSuite Web Developer Guide</i> in the workbench.</p>
Recreating screens	<p>In earlier releases, recreating a page for an existing Smart Build page, did not recreate the screen.</p> <p>To improve the user experience, an option is provided to recreate the screen when the user is prompted to recreate a page during Smart Build, making the page and screen in sync.</p>
Dynamic UI	<p>To provide better support for regular expressions in Dynamic UI rules, the PCRE2 regular expression library is introduced to replace the in-house regular expression library.</p> <p>For additional information about what has changed, see the What's Changed section.</p>

Web engine and Web client

Enhancement	Description
WebSockets over SSL/TLS	<p>Security features to provide a secure WebSockets connection for the web client have been implemented:</p> <ul style="list-style-type: none"> ▪ Enable CORS (Cross-origin Resource Sharing) for the web client by editing the <code>web.xml</code> file and adding the <code>CorsFilter</code> filter to prevent unrestricted communication to the servlet. By default, this functionality is not enabled. ▪ To prevent the hangup of a WebSocket connection, enable a configurable payload size by specifying the payload size in the web application server. ▪ To protect WebSocket connections and HTTP requests against DoS (Denial of Service) attacks that are able to pass firewalls or initiated from within the firewalls, use rate limits to manage the number of connections and requests made within a time period. <p>For more information about securing the WebSockets connection for the web client, see chapter <i>Security</i>, section <i>Securing a Web client connection (WSS)</i> in the <i>Web engine administrator guide</i> or help file.</p>
Web Desktop Client	<p>The Web Desktop Client has been upgraded to the latest Chromium version. Using Developer Tools, saving and loading profile information to a HAR file is now possible. The display of the application window has been improved in this release.</p>

Access and Connectivity Hub

Enhancement	Description
Database cleanup	<p>Cleanup functionality for the hub database have been implemented in this release.</p> <p>It is now possible to configure automatic record deletion for the hub's database. Old audit log records can be automatically deleted. Records supporting old versions of packages can also be automatically deleted.</p> <p>These cleanup settings are available on the Database page of the System view.</p>
Locking packages	<p>Part of the database cleanup functionality makes it possible to remove old versions of packages. To exclude packages from the database cleanup, lock specific versions of packages by toggling the Locked switch on a version of a web application.</p>

Enhancement	Description
Hub UI update	<p>For a cleaner display, the table rows are kept at the same height.</p> <p>The row height in the Web Sessions page table is now set at one line. This was done to provide a clearer table view. Previously, a row would increase in height to allow cell text too wide for a column to wrap around to the next row. Now, cell text will be truncated to fit in the columns width. Hovering over the cell will display the full text.</p>
Cookie/JavaScript caching	<p>As of this release, cookie/JavaScript caching support have been improved. This means that when a browser session expires, logging on to the hub again will not return you to the page you had previously open.</p> <p>Browser sessions will expire after 12 hours.</p> <p>See What's Changed for more details.</p>
Updating the Apache Tomcat container configuration	<p>A CMD command called <code>configure.cmd</code> has been added to the hub's installation folder. Double click the command to open a dialog which allows you to update the configuration of the Tomcat container where the hub is running. For example, adding extra system properties or changing the Java memory allocation.</p> <p>A shortcut to this command is included in the Start menu.</p>



Chapter 2: Release notes for Rocket LegaSuite Web Version 8.5.6

Before you install Rocket LegaSuite Version 8.5.6, review the Release Notes.

What's changed

For more information about what has changed in this release, go to [What's changed](#).

System requirements

For information about hardware and software requirements, go to [System Requirements](#).

Installing Rocket LegaSuite Version 8.5.6

For step-by-step installation and upgrade instructions, see the *Rocket LegaSuite Installation Guide* which is available on the Rocket Documentation Library at <https://docs.rocketsoftware.com>.

What's fixed

For information about problems that were fixed in this version of Rocket LegaSuite, go to [What's fixed](#).



What's changed

Rocket LegaSuite Version 8.5.6 contains changed and deprecated functionality that you should keep in mind when you decide whether to upgrade to the new version. Review changes to existing functionality from Version 8.5.5 to Version 8.5.6.

Changed functionality

Changed functionality typically involves a change to a default value or an outcome that is different from what occurred in previous releases.

Change	Details
Workbench	<p>To better support regular expressions used in Dynamic UI rules, the <code><regular_expression pattern></code> keyword has replaced the <code><regexp pattern></code> keyword.</p> <p>The latter keyword was a built-in keyword that was parsed by the in-house regular expression parser. All Dynamic UI examples have been updated to use the new regular expression parser. For backwards compatibility, Dynamic UI rules from earlier versions that use the old keyword are still supported.</p>
Database upgrade	<p>Previously, the following versions of third party vendor databases were recommended:</p> <ul style="list-style-type: none"> ▪ MySQL 5.6 ▪ Microsoft SQLServer 2014 <p>The hub will stop supporting these versions in a future release. The recommended versions for this release are:</p> <ul style="list-style-type: none"> ▪ MySQL 8.0 ▪ Microsoft SQLServer 2019 <p>For more information, see the <i>Rocket LegaSuite Web Installation Guide</i>, topic <i>System requirements</i>.</p> <p>To upgrade the version of the external database server that the hub is using, see the <i>Rocket LegaSuite Web Installation Guide</i> pdf, topic <i>Upgrading the A&C Hub database version</i>.</p> <p>To upgrade databases running on older versions, refer to the vendor product documentation.</p>
Cookie/JavaScript caching	<p>Previously, after performing a hub upgrade, the recommendation was to clear your browser cache and cookies to prevent errors when trying to load stale data. This action is no longer necessary as cookie/JavaScript caching have improved in this release.</p>

Deprecated functionality

Deprecated functionality is still in the current release but might be removed in a future release. Review the details for each deprecation, and plan how to manage future changes. In some cases, you might want to discontinue using deprecated functionality.

Deprecated functionality	Description
Apache Derby support	<p>Apache Derby is installed as part of the hub install for a Microsoft Windows installation. It is used as an example database for a non production environment.</p> <p>This release will be the last release that includes Apache Derby in the hub installation. Later releases of the hub may no longer support existing Derby databases. Documentation supporting the deprecated Apache Derby will be removed in a later release.</p>



System requirements

Before you install Rocket LegaSuite, review the current hardware and software requirements.

For information about the current hardware and software requirements for Rocket LegaSuite GUI or Rocket LegaSuite Web, see the *Rocket LegaSuite Installation Guide*, topic *System Requirements* in the respective product folder on the Rocket Documentation Library at <https://docs.rocketsoftware.com>



What's fixed

What's fixed describes resolutions to problems that were found in a previous release.

Issue	Description	Component
LS-19873	The option to save a HAR (HTTP Archive format) file when using Developer Tools to log a browser interaction with a website did not display a Save dialog. This issue has been fixed.	Web Desktop Client
LS-22246	When deploying through a hub, it was not possible to use the deployment properties setting <code>engine.LogPropertiesFile</code> to configure the logging properties file to use. This issue has been fixed.	Web engine
LS-26147	The script function <code>SessionTerminate(1)</code> no longer provided a confirmation dialog to the user. This issue has been fixed.	Web client
LS-26251	When creating a screen shot on a page containing a hidden field (for example, a password field), the data from the hidden field was stored in the screenshot, which could reveal sensitive information. This issue has been fixed.	Workbench
LS-26513	In earlier releases, it was not possible to provide <code>EmulatorMetaData</code> settings (<code>engine.EmulatorMetaData.*</code>) through a properties file to the engine. This issue has been fixed.	Web engine

Issue	Description	Component
LS-26544	Incomplete themes were sometimes applied when custom appearances did not exist in all themes when switching themes using the script function <code>SetTheme()</code> . This issue has been fixed.	Web client
LS-26807	Sharing the collection flow file (<code>collection.sts</code>) using a Lifecycle Manager repository caused a stack overflow when collecting display files in the Host Picture Builder. This issue has been fixed.	Workbench
LS-26969	An exception might occur when a project contained files without a file extension. This issue has been fixed.	Workbench
LS-27117	Change Management might change widget IDs containing lowercase characters into uppercase characters when running on a project, which might cause custom JavaScript functions to misbehave. This issue has been fixed.	Workbench
LS-27343, LS-27585	The web browser console displayed an error and locked the web application when the web page contained a container list configured for single selection, and only one selected row in the container list. This issue has been fixed.	Web engine, Web client
LS-27617	Instead of displaying an informational message, the web client displayed a blank page when a web application has not been deployed yet using the hub. This issue has been fixed.	Web client

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