

CommonSpot 10.5.1 Release Notes



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About this Document

This document summarizes the following for the CommonSpot 10.5.1 release:

- Enhancements
- Notable Bug Fixes
- Important Notes
- Special Upgrade Offer

For detailed instructions about installing CommonSpot, see the current release of the *CommonSpot Installation Guide*.

For detailed instructions about upgrading from a previous version of CommonSpot, see the current release of the *CommonSpot Upgrade Guide*. Review carefully all Pre-Upgrade instructions.

 **NOTE:** Before installing or upgrading to this release, review all other Release Notes documents from your current version of CommonSpot to this version. For example if you are upgrading from version 9.0, please refer to all CommonSpot 10.0.x Release notes, as well as the 10.5 Release Notes.

Enhancements

Release 10.5.1 of CommonSpot includes the following enhancements.

Custom Element / Metadata Forms

- You can now assign a custom css class to the simple form “Section Text” field type. Extra space below the Section Text field type has been removed. This may change the spacing of some forms. Rendering of the Section Label and Section Text field types has changed. You may want to review any forms that use them.
- Deleting a Form Field did not report where it was bound when it prevented its deletion. CommonSpot now tells you which element contains the form field.

Image Gallery

- When uploading multiple images to a gallery, the title of each one now defaults to the filename without the extension, and the description is no longer required to move to the next step. These enhancements make uploading large numbers of images much quicker and easier.

Render Handlers

- Render handler bindings now show what element they're for. They also show the render handler path on hover. This removes confusion in the Manage Layouts dialog because you see the the path and filename to the render handler on mouseover.
- Render handlers that dynamically control page attributes such as background color would not render if the element they were bound to had no data. It is now possible to add `Request.Element.hasData=1;` to a render handler to force the element to render and consequently the render handler to run.

Security

- CommonSpot now provides several types of "Clickjacking" attack mitigation. By default all types of prevention are enabled for CommonSpot pages within your site and CFML pages within CommonSpot itself. The types of mitigation can be controlled by appropriate settings in `servervars.cfm`. See the Administrator's Guide for details.

Notable Bug Fixes

Approval

- The warning dialog to take ownership of an object, when the user is an Approver was incorrect.

Background Tasks

- Background tasks might have been scheduled with incorrect URLs, particularly on Adobe ColdFusion instances where https: URLs (using the standard port 443) were in use.

Cache Management

- A cache issue was resolved when including script files.
- Cache status updates might have failed (and additional error log entries written) if a custom render handler contained an error or otherwise threw an exception.
- Cache settings specified using the 'Element Cache Settings' option may not have been applied as expected.
- An admin was unable to adjust LRU cache settings for 'CacheStatusCache'.
- Cached Elements which contain large amounts of data (resulting in cache file sizes in excess of 10MB) may lead to site instability.

CKEditor

- Under a very specific set of installation circumstances, a new site installation using a local resource for CKEditor might have errored attempting to edit the Author Tools.
- Corrected an image spacing issue inside formatted text block elements.
- In certain circumstances, links in 'formatted textblock' fields in custom elements failed to be updated, and a 'data would be truncated' error log entry was written.
- Corrected issue where both the native CKEditor link dialog and the CommonSpot link dialog both opened upon double clicking the link in the CKEditor.
- Corrected an issue that prevented the CKEditor custom configuration to force pasting plain all the time, to work as expected.
- Using CKEditor custom content preferences did not work in all cases.
- Under certain conditions, the CSLink icon was missing from the CKEditor.
- Under certain conditions, users were not able to make changes to the CKEditor Toolbar.

Custom Field Type

- Under certain conditions, deleting a record from the Data Manager Custom Field Type displayed a blank dialog.

Custom Element/Metadata Form

- Fixed subtle importing and exporting errors of custom elements, metadata forms, custom field types.
- In certain circumstances, links in 'formatted textblock' fields in custom elements failed to update, and a 'data would be truncated' error log entry was written.
- One could not save a Custom Metadata Form with a Formatted Text Block in it, if TIDY was enabled.
- If a custom metadata form with an image field is associated with a new page created through the command API, and the image field was not populated (i.e. left blank), invalid data may have been saved as the value for the image field.
- If a page uses custom metadata which includes one or more image fields, and one or more of these fields is left blank/unspecified, an error may have occurred when attempting to update the custom metadata properties.
- An Extended URL system field referenced in a formatted textblock may not have rendered correctly, resulting in an invalid link.

Datasheet Element

- Fixed an issue where datasheets showing page results using standard filter options might not render correctly, or might not display correctly for editing.
- Corrected a JavaScript issue with Datasheet Edit Record Action. When any displayed column contained an apostrophe, clicking the edit action for that column failed to open the record for editing.
- Datasheet using a custom query as the filter presented an error upon saving the custom query information.

Date/Time Element

- If a Date/Time element was placed on a template and was set to display page-related timestamps (creation date, last modified, etc), incorrect values might have been displayed.

Element Move

- Fixed an issue when trying to move an element within the same container via drag/drop.

Element Usage

- Element 'Usage' report may have contained duplicate entries.

General Rendering

- Pages may fail to render if custom HTML (either in formatted textblocks or generated by custom script, custom render handlers, or template logic) contains mismatched CFML-style comments (i.e. <!-- this is an HTML comment opened with two dashes and closed with three --->)

Heading Element

- In some circumstances, saving the Heading Element would error when Spell Check was enabled.

Hooks

- Data changed by the Pre-Save-Form hook did not affect custom element data. The hook got called, but for custom elements, changes it made weren't reflected in the data CommonSpot saved.
- ControlTypeID was not being passed to the Post-Save-Form hook from the datasheet edit form.
- The inactive subsite handler now looks for an error-page-inactive.cfm file in the site root; and, if found, uses that.

HTTPS and HTTP

- Under HTTPS, some actions which require internal HTTP requests (including installation, upgrade, etc) would fail with a 'MissingHttpParamException' error.

Images and Image Gallery

- Under certain conditions, creating an Image Gallery with both Height and Width restrictions would fail.
- Some newer image formats that don't have height and width information caused the image not to render and produce an error.
- Certain Image metadata was not available to render handlers, particularly if it was from a metadata form bound to an image gallery.

- Under certain conditions a Custom Element with an Image Field crashed when the Field had a default subsite for new images selected where the subsite had been deleted.
- Corrected a problem with image Sizes as a percentage.
- Resolved an issue where clearing Image data did not resize the window.
- Errors may have occurred when working with large (>2GB) multimedia files.
- After upgrading from an earlier CommonSpot release, image elements which don't explicitly override the 'alt text' provided by the image gallery may not render the 'alt' attribute correctly. Image fields in custom elements were similarly affected.
- The Link Reference report may have failed on certain ACF instances with MySQL databases.
- The Image Index Element was not consistent in it's sorting of images. It now sorts by Title ascending.
- New users would, by default, only see the Private Images gallery when uploading a new image, even though they were granted access to other galleries. This was caused by the default view in the Image Upload dialog being set as My Favorite Galleries. If the user had never set any galleries as Favorites, the only gallery that was available in that dialog was Private Images.
 - The behavior has been modified to have the default view in the Image Upload dialog to be All Visible Galleries. This can be changed in the Manage... > Image Galleries dialog where one can set galleries as Favorites and determine what the Default list will contain via the select list at the bottom of the Image Galleries dialog. This setting is also reflected in the Upload New Image dialog - Image Gallery: select list.

Link Management

- Links longer than 255 characters were not recorded correctly for link testing and updates (limit updated to 2000 characters).
- 'data:' links (primarily embedded images) were reported as bad. These links are entirely self-contained, so no external validation is needed.
- Named anchor tags (jump links) were not working under certain circumstances.
- Links to pages in a renamed subsite may not have been updated correctly.
- Update to a page anchor in a URL field in a Custom Metadata Form would hang the Metadata Form under certain conditions.

Logging

- Fixed logging issue for null data found while attempting to extract WDDX data.
- Query errors may result in huge error log entries. Size of query parameters logged is now capped.

Multimedia

- In order to play a multimedia file from the Multimedia Report, there must have been at least one player set with each multimedia file type as the default.

MultiSection

- MultiSection element may render the Author Mode 'click to insert element' link while in 'read' mode.

Render handlers

- Metadata form bound to an image gallery was not displayed correctly.
- Under certain circumstances importing a generic render handler would fail.

Replication

- Resolved an error thrown when trying to delete a site replication request.

Resources

- Installing a Resource where the resource was local to the site but not on the same server as CommonSpot.

RSS Feed

- Under certain conditions, if an RSS feed was built from an element, the element's rendering may become corrupted

Search

- Registered URL metadata was not included in full-text indexes.

Search Analytics

- Under certain conditions, excess database activity may occur when a site is configured to use search analytics data.

Security

- Field-level permissions settings may not have been correctly applied.
- Eliminated a scenario where a user's credentials might be vulnerable.
- In some configurations, a new element added by a contributor in 'edit' mode is not visible until published (or until the user switches to 'author' mode)

- Closed a cross-site scripting vulnerability in simple forms.
- Expired Contributor was thought to be active by custom authentication.

Shared Database

- A crash may have occurred when trying to view shared-database server status items such as File Actions, Foreground Actions or Background Actions.

Styles

- Styles in schedule properties dialog were incorrect.
- In some cases Styles were not correctly applied for Tabular Layout elements.
- The default styles for .CS_MS_Index_Table and .CS_MS_Index_Column both set background color to #000, which probably isn't what you want. This fix removes that, but only affects site-default.css, the default style sheet. For existing sites, you may need to update any applicable style sheets.
- Style information in the rendered HTML was incorrect for the Page Index Element.

Subsite Administration

- Duplicate subsite names were not handled correctly.

Uploaded Documents

- Fixed a situation where an error may occur when making an uploaded document available for anonymous users. The log entry mentioned a missing subsiteID value.

Widget

- Corrected problem importing a Widget where the site is on a file share.

Important Notes

The following describes issues that may affect the operation of your CommonSpot site. Please review these notes before installing or upgrading to this release.

Lucee MySQL driver

- CommonSpot 10.5.1 Lucee installations with MySQL databases, require the 5.1.40 MySQL driver version. The 8.x MySQL driver is not supported at this time.

Multimedia

- In order to play a multimedia file from the Multimedia Report, there must be at least one player set with each multimedia file type as the default.

Platform Support

This service pack also updates the minimum version for these platforms. Please make sure you update to these minimum versions prior to upgrading CommonSpot.

- Due to some important bug fixes made by Lucee we now support the minimum version of Lucee 5.2.9.31.
- Adobe ColdFusion 2016 update 7
- Adobe ColdFusion 11 update 15
- Java Version 1.8.0_202

Run Upgrade & Other Utilities

All releases require running `/commonspot/upgrade/` to reset factory data, database indexes, and database functions. Then restart ColdFusion/Lucee.

PaperThin also recommends the following:

- Clear Browser Cache
 - Instruct all users to clear browser cache. This step is required for using the Rich Text Editor in CommonSpot as well as native dialogs.
- Rebuild Stub Files
 - You should run the Rebuild Stub Files update utility. See [Site Administration - Utilities - Rebuild Stub Files](#).
- Rebuild Cache
 - This update may result in outdated cache files. For best results, schedule a Rebuild Cache job to run periodically to make sure that even the oldest cache files are reasonably current. See [Server Administration - Utilities - Server Scheduled Jobs](#).

Solr Search

- If full-text search is using 'native' Solr (i.e. a Solr instance separate from the one installed by ColdFusion, or the Lucene implementation provided by Lucee), the Solr instance(s) should be updated to version 6.0.0 or later (Note that Solr 7.x is NOT currently supported for use with CommonSpot). After upgrading Solr (if required), review the 'solrconfig.xml' file for each collection (located in the 'conf' subdirectory in the root directory for each collection). Update the 'luceneMatchVersion' value to correspond to the Solr version installed on the server. A full reindex of all collections is strongly recommended after any Solr upgrades.

Custom Element

- After deleting a global custom element with full-text indexing enabled, if you're running Adobe ColdFusion 2016, you need to manually reindex the collection the element used. This is due to a ColdFusion bug that prevents CommonSpot from removing those search index entries.

Other Notes

Read all interim release notes. This is particularly important if you are upgrading from a release earlier than 9.0.5. Interim release notes document important changes to system and configuration requirements, browser and server cache handling, scheduled jobs, text handling, and performance considerations. Read all Release Notes starting with versions greater than your current version including 9.0.5, 10.0.0, 10.0.1, 10.0.2 and 10.5.0 available from:

<http://www.paperthin.com/support/knowledgebase/doclibrary/index.cfm>

Recommendations and requirements for ColdFusion, Lucee and MySQL settings may be found here:

<https://www.paperthin.com/support/knowledgebase/articles/configuration-settings.cfm>

<https://www.paperthin.com/support/knowledgebase/articles/lucee-requirements.cfm>

<https://www.paperthin.com/support/knowledgebase/articles/Supported-MySQL-Versions.cfm>

If you have custom code using CommonSpot variables, review updates to deprecated values on the PaperThin Support site for all releases. Please visit:

<https://www.paperthin.com/support/knowledgebase/deprecated-variables.cfm>

Special Upgrade Offer

PaperThin will be launching a new online product which helps organizations more efficiently test their website upgrades. In a nutshell, the product reduces the manual testing effort required to ensure your website upgrade did not adversely affect your site, while providing more accurate automated testing results.

How does it work? The cloud-based Website Upgrade Tester tool takes screenshots of pages within your site, before and after your Website upgrade. It then visually compares the screenshots, examining them pixel-by-pixel to see if there are any differences, and reports those to you. You can quickly view either a 'difference' image, which shows the changed pixels in red, or a side by side comparison of the before and after screenshot to see exactly what changed. The tool also detects JavaScript and resource loading errors that may affect your sites behavior.

So don't waste time manually testing your next Website upgrade. Visually compare the 'before' and 'after' automatically.

If you are planning to upgrade your site in the near term, please reach out to Support at support@paperthin.com and we would be happy to have you join our beta program. For more information on our new product see <https://www.websiteupgradetester.com>

