

CommonSpot 10.0.1 Release Notes



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About this Document

This document summarizes the following for the CommonSpot 10.0.1 release:

- Important Notes
- Notable Bug Fixes
- Enhancements

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

For detailed instructions for upgrading from a previous version of CommonSpot, see the current release of the *CommonSpot Upgrade Guide*.

 **NOTE:** Before installing or upgrading to this release, if you have not already done so, please review *CommonSpot 10.0 Release Notes* and **Important Notes** below.

Important Notes

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

Upgrading/Installing on MySQL under Adobe ColdFusion 2016

Adobe ColdFusion 2016 requires that you download and install a new MySQL driver. If you are running in this environment, you must first download and install the new driver for the server running CommonSpot in order to choose MySQL as the database type.

API Update Required for Bing SEO

As of July 1, 2016 Microsoft announced an end of life date of December 15, 2016 for the currently available Azure Data Market "Bing Search" and "Bing Web Results Only" API offerings. Microsoft has replaced this API with another API. Upgrading to this release auto-removes any existing Bing account data in CommonSpot and requires you to register new API keys through the latest Bing interface. For detailed instructions, see "Creating BING SEO Api Keys" in the CommonSpot Support knowledgebase:

<http://www.paperthin.com/support/knowledgebase/articles/creating-bing-seo-api-keys.cfm>
(requires login).

Login

The argument `postCustomLoginURL` is no longer passed to custom login scripts. Installations that don't provide a value for `customLoginURL` in `override-login-text.cfm` are not affected, since the `postCustomLoginURL` value is not used.

If you have customizations that make use of the '`postCustomLoginURL`' value, this URL is available from a new API method '`getPostLoginDestination`' in the 'login' component.

Uploaded and External Documents

When uploading documents through the `UploadedDocument` API, using a timestamp based on `Now()` for the `publicationDate` argument produced unexpected results. To avoid upload issues, use a timestamp earlier than the start of the request that runs the code.

License Keys

This release may require updating license keys. You may need only to download the license keys again followed by a restart of ColdFusion. You may need to update the validation code in your keys. Email the text of the validation code (no images, please) to support@paperthin.com and follow up with a phone call to 617-471-4440 opt. 3.

Run Upgrade

All releases require running `/commonspot/upgrade/` to reset factory data, database indexes, and database functions, and then restarting Lucee or Adobe ColdFusion.

PaperThin also recommends the following:

- Run the stub files update utility. See Site Administration - Utilities - Rebuild Stub Files.
- 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.
- **NOTE: Instruct all users to clear browser cache.** This step is required for using the Rich Text Editor in CommonSpot.

Element Usage Data

Reports for Element Usage (Site Administration > Elements & Forms > Elements > [element] > Edit Element Properties > Usage) may be incomplete after upgrade. Each upgrade purges the CommonSpot ElementInstance table, which is used to populate the Element Usage dialog.

Elements are listed in the table once they are rendered within a page or after the site cache is rebuilt (Site Administration > Utilities > Site Tools > Build Cache Files). Run pages or rebuild site cache to update Element Usage data.

Read All Interim Release Notes and Relevant KB Articles

Read *all* interim release notes. This is particularly important if you are upgrading from a release earlier than 6.0. Interim release notes document important changes to system and configuration requirements, browser and server cache handling, scheduled jobs, text handling, and performance considerations. If you are upgrading from an early version, make sure to read the 6.0, 6.1, 6.2.1 and Winter 2012 (v.7) and Summer 2012 (v.8) Release Notes, available from: <http://www.paperthin.com/support/knowledgebase/doclibrary/index.cfm>

Review Updates to Deprecated Values

For all releases, review updates to deprecated values on the PaperThin Support site. See: <http://www.paperthin.com/support/knowledgebase/deprecated-variables.cfm> (requires login)

Note that as of release 9.0, deprecated values (including `Icon_ElementProps` struct) are no longer included in CommonSpot and will generate errors when used in custom code.

Enhancements

Release 10.0.1 of CommonSpot includes the following enhancements.

Platform Support

- The 10.0.1 release adds support for Adobe ColdFusion 2016. The minimum level required is update 2.
- The minimum update level for Adobe ColdFusion 10 is now update 20.
- The minimum update level for Adobe ColdFusion 11 is now update 9.
- Solr 6.0.1 is now supported. Note that Solr 6.1.0 is NOT supported with this CommonSpot release.

Improved User Interface for WYSIWYG Editor Configuration

The Rich Text Editor General Settings dialog has new Toolbar Buttons and Plugins sections to simplify adding and editing external plugins and Toolbar buttons. This update also fixes an issue where the properties of an RTE field in a custom element field were not editable.

RTE Improvements

- New options in the Configure Toolbar Buttons dialog which is accessible from either Site Administration > Authoring Tools > Rich Text Editor Settings and the Rich Text Editor Layout Properties dialogs, allow you to restore icon settings. Using this option at the Element level restores Admin-level settings. Restoring from Site Admin restores to factory settings.
- This release adds a double-click feature to CommonSpot image, link, and field insert objects within the RTE. Double-clicking any of these fields automatically invokes the appropriate properties dialog.

Easier Form and Element Editing

CommonSpot dialogs now hide contributor-only features for authenticated users working outside the dashboard. Authenticated users can search for and link to CommonSpot pages, documents, and other objects for inclusion as links without errors when working outside of the CommonSpot dashboard.

Export

You can now include auxiliary files, such as file hooks and custom files, in export packets, in addition to the standard Readme file. CommonSpot lets you choose additional files from the current site folder.

Featured Search Results

The Actions column in Manage Featured Search Results now includes a clone icon so that you can quickly duplicate a specific Search Results/Keyword binding on Search Results pages.

Easier Insertion of Responsive Elements

When the number of allowed elements in a grid is limited to a single element, CommonSpot now inserts it immediately, instead of requiring users to select it.

Improved User Interface for the Image Editor

The image editor has been updated to be easier to use, particularly for uploading large images, and performing cropping functions.

Show/Hide Field Changes

The show/hide feature was originally designed to disallow the show/hide option for hidden, checkbox, linebreak, and label fields. This release enables you to hide checkbox, linebreak, and label fields.

Manage Work Requests Filters

You can now filter work requests by 'Applies To' criteria and choose Current Page, General Work Request, or All. On mouseover, the Work Request title displays details.

Simple Form Calendar Fields

The Calendar Field Type now has a Default Value field, allowing the you to specify the current date to simplify data entry in Simple Forms.

Multisection Element

This release enables render handlers to be created for this element.

Updated Hook Methods

The following modules now are called with pageID as an attribute:

- post-doccreate.cfm
- post-imagecreate.cfm
- post-move-page.cfm
- post-pagecreate.cfm
- post-registeredurlcreate.cfm

Custom Field Types and Masks

Release 10.0 featured a new CFScript skeleton and new tag-based skeleton buttons for creating explicit render components. With release 10.0.1 you can include an explicit path when creating Custom Field Type renderer skeletons.

Notable Bug Fixes

This release fixes issues for the following.

Approval and Workflow

Approval-needed emails were not sent when *Always Send* was selected and *send approvers notification email* was enabled in Site - General Settings.

Background Tasks

Under certain circumstances subsites with analytics configured experienced crashes during page rendering. Running background jobs encountered an error deserializing XML.

Caching

In an isolated case, the Page Performance view displayed excess detail, posing a possible security risk.

Communication Link Failures

In MySQL environments "Communications link failure" dumps caused by "class java.io.EOFException" were reported in the system log. This release also addresses possible related issues for Oracle (for both Adobe ColdFusion and Railo/Lucee) and MySQL (on Railo/Lucee).

Custom Elements

- After upgrading from release 9.0.3 to 10.0, some sites reported issues with Custom Element checkbox fields. For checkbox field types assigned a checked value other than the default value (1), CommonSpot saved the default instead of the user-defined value. This release improves detection of the checked value when the default is a value other than 1 or when it differs from any previously defined default value.
- Due to issues with inherited data for contained Elements, some Elements saved using the Save as Element feature did not function.
- Filter criteria was not editable when a Custom Element field label contained an apostrophe.
- Creating a custom layout render handler returned an error for CS Extended URL links when there was a URL parameter.
- Under certain circumstances, custom elements in reuse mode would throw an error if the custom element contained a csExtendedURL field, and one of the records pointed to a page that was deleted.
- A Javascript error occurred when trying to save element data for an element that had a select list field with options to hide other tabs enabled.

Datasheets

Datasheets created in old versions of CommonSpot without a default view could no longer be edited.

Element Interaction

CommonSpot did not allow you to reuse the name of a deleted element. This was reported for elements on the same page and is now handled correctly.

Element Drag and Drop

For elements programmatically instantiated via `ct-render-named-element` within a render handler, the Move Element drag & drop option were mistakenly displayed.

Extended URL Field

The CommonSpot utility for deciphering the CS Extended URL failed when URL Parameters were present.

Grid System

- Under certain conditions, Grid Row Layout behaved unexpectedly in WIP mode.
- The subtext for the Edit Grid Row Column dialog incorrectly referenced the column ID instead of the name.
- Adding a row to a grid on a page produced unexpected results under certain circumstances .

Hooks

The following hooks missing from CommonSpot 10.0 are included in this release:

- Post Image Create
- Post Registered URL Create

Images and Image Gallery

- Images with two contiguous spaces in the file name were not handled consistently. CommonSpot now normalizes all image file names in the database and the file system.
- Using the *Move to Subsite* option from an image report to move one or more images from one subsite to another returned an error.
- When moving images to another gallery CommonSpot returned an error if the image did not match the size criteria for the target gallery. CommonSpot now considers size rules and allows image modifications during move operations.
- When uploading a new image from a Single Image Element, CommonSpot did not honor the *Use the subsite specified by the gallery* setting.
- Under certain circumstances, images added to new image galleries did not replicate correctly, resulting in errors on the read-only server.

- Layout Properties menu for the Single Image Element with or without header was missing. It has been restored. This dialog also includes new image gallery selection options.

Linking

- Layout Properties menu was missing for the Link Element. It has been restored.
- Deleting a page and using the Change References to update links did not change link references.

Multimedia

- Some sites using CommonSpot multimedia reported that some playlists would autoplay when autoplay was not selected.
- YouTube videos did not import in some cases.

Page Index Element

The Page Index Advanced Filter Options did not render categories alphabetically.

PDF

This release restores the ability to upload a new version of a PDF from within the PDF element menu.

Render Handlers for Facet-based Navigation

The `attributes.ElementInfo` structure from a Facet-based navigation element did not display any data when rendered using Standard rendering.

It is now possible to create a `.cfm` custom render handler for a Facet-based Navigation Element.

Render Options

Under certain conditions, Custom Element viewer pages failed to render content after being accessed directly without a URL parameter. Subsequent requests with a URL parameter failed to render the correct record.

Replication

- Style changes on templates did not replicate correctly to derived pages on read-only servers without manually clearing cache on the Authoring server.
- Under certain circumstances replication failed when search analytics functionality was enabled.
- Some sites reported replication failures when an uploaded document was renamed.
- In one instance replication failed after upgrading to CommonSpot 10.0.
- After deleting a resource, replication would fail under some circumstances.
- The inability to create an ID range caused the initial replication of a new site to crash during site creation.

- Due to re-use of subsite IDs, replication failed if one or more subsites were deleted and one or more subsites were created after the last replication. The root cause of this problem may affect other (non-replication) configurations in other ways.

Note: This release will prevent future occurrences of this problem, but will not resolve any current replication failures due to subsite ID re-use. Complete a full replication or site migration to address these cases.

- Replication failed after deleting one or more users (contributors who own content) from an instance with two or more sites.
- Newly created image galleries were not fully replicated, resulting in errors on read-only servers
- Under certain circumstances, replication failed after renaming a subsite.
- An undefined request.site variable resulted in an error in the Check Replication scheduled job.
- Updates failed to replicate or replicate completely when a running process had not completed at the start of a replication event. Missing updates were not included in subsequent incremental replications.

Note: This release prevents future occurrences of this problem, but cannot detect updates that already failed to replicate. Also note that if a process (such as a user creation script) is running when a replication event starts, the changes made by that process will not be included in the replication packet - these changes will replicate as part of the next replication event (after the update process completes).

Resources and Libraries

Requests for registered resources that don't exist are now logged only once per server restart. The count of requests for each one is visible in the variable `Application.CS_ResourcesMissing` at the site level.

Reporting

The Date Last Modified displayed in reports was different from the date returned in the Page Details Summary.

Rich Text Editor

- JavaScript produced a "field is required" warning for Custom Element RTE fields that already contained content.
- The RTE was resizing improperly under certain conditions.
- Working on a page over a secure connection, the CKEditor JavaScript file loaded with an unsecured connection, causing a load failure. This release updates the default CDN location to have no protocol and to the latest `//cdn.ckeditor.com/4.5.9` version.
- Updating the server setting for the RTE location did not update the site setting if the site was set to use the server default.
- Unchecking the separator checkbox for a formatted textblock on a page unchecked all separators in the dialog when you re-opened the dialog.

- Due to an input node error, associating a link with a system field removed the system field, resulting in no link.
- Under certain circumstances, changing a URL removed HTML tags inside of a link.
- Changing the toolbar button state to an enforced setting (never show/always show) at the site level did not honor that setting everywhere. Site-level enforced settings are now honored and the setting field at the element level is now disabled to disallow override.

Search

- Deleting a Search collection did not remove the collection name from Global Custom Elements.
- Search diagnostics returned an error after upgrading to Release 10.0.
- SQL Server issues with floating point values caused a query error in Site Search. This issue affected pages containing long lists of IDs, such as search results and page indexes. Refer to the following knowledgebase article for more information:
<http://www.paperthin.com/support/knowledgebase/articles/query-error-in-site-search.cfm>

Search History

After changing *Days to Keep History* to 0 (zero), you could not reopen the dialog.

Search Results Element

- URLs rendered for global custom element instances were not properly constructed in the CommonSpot search results.
- A Search Results Element configured for keyword search instead of full-text search, returned an error when the Element was used.
- Sites with a large number of uploaded documents experienced slower than expected performance for Search Results Elements.

Security/Login

- If you have customizations which make use of the postCustomLoginURL value, this URL is available from a new API method getPostLoginDestination in the 'login' component. Refer to the PaperThin Support Knowledgebase article for more information:
<http://www.paperthin.com/support/knowledgebase/articles/security-update-for-local-host-requests.cfm>
- Under certain circumstances, changes to “default” permissions in subsite (content), template inheritance, and element inheritance affected pages with explicitly configured security.
- Unauthorized requests were incorrectly allowed in configurations with a local proxy server (such as dotDefender) in use.
- Newly added Custom Elements were editable by unauthorized users until ColdFusion was restarted.

Site Administration

A Global Custom Element with a Taxonomy Field that included a leading comma did not render data in Site Administration - Elements.

SEO Administration

- This release fixes multiple issues in SEO reporting, including: frequent getScorecardResults errors, item counts that did not match the number reported in the page level left pane, multiple duplicate items in selection lists, and unexpected results when clicking an Error link in the Last Run Status column.
- In some cases, selecting the Non-Targeted/High Ranked Pages report returned an error.

Server Administration

Errors were reported when opening the Email Notifications dialog (Server Administration) if the encrypted SMTP data field in servervars.cfm was empty.

Styles and Style Sheets

- When a style was selected using the Image Element style button, the style was applied to both the div that wraps the image element as well as the rendered img tag. CommonSpot now applies the style selected to the img tag only in the class attribute.
- In some instances, Managing Element Component Styles returned the error ElementClassID is undefined.

Tabular Layout

Tabular layout elements inserted using the *Paste Copied Element* option (in the Element Gallery) did not render child elements as expected. For more information, please review the PaperThin Support knowledgebase article for Hot Fix 10.0.0.34 at <http://www.paperthin.com/support/patches/commonspot-10-0-0-patches.cfm>

Uploaded Documents

- When editing a Custom Element record from a Datasheet, uploading a new version of an uploaded document failed under certain conditions.
- Attempting to upload a new document version in the RTE returned an error.
- A query problem in Reports when filtering exclusively by Uploaded Documents and using filtering by Creation Date generated an error..

User Administration

- Content creators whose “contributor” status was removed could not be deleted until contributor status was restored.
- Permissions transferred to a user (as part of deleting another user) were not visible until after a ColdFusion restart.

- The option for Shared Contributors displayed for sites whose license keys did not support shared contributors.