CM System 7.3.0 Release Notes

Accessibility and Content Explorer Changes

General accessibility fixes reading order and doctype

Many of the main html pages have been updated to provide a doctype, lang attribute. Reading order for screen readers has also been fixed up.

Keyboard re-sort table data

It is now possible to use the keyboard to sort the data in the main content explorer pane.

From Implementation Guide Version 7_3 (Keyboard ordering of results pane)

> When a column name is selected within the main pane the 'a' and 'd' keys can be used to set the ordering to ascending or descending. When a cell is selected in the main pane the F8 key can be used to move to the column header where the 'a' or 'd' keys can be pressed. When the column header is selected left and right keys can be used to move between the columns. Unfortunately a bug in Java prevents these column names to be read in a screen reader directly when selected with F8. When a cell is originally selected, the header for that cell is read at that point. If a changed order is required F8 followed immediately by the 'a' or 'd' keys will change the order. Pressing tab twice will return to the original row.

Session timeout warning and auto logout

The main content explorer and content editor windows will provide a warning dialog and countdown after a period of inactivity. After the timeout the editor will be closed and the content explorer will be logged out and returned to the login screen.
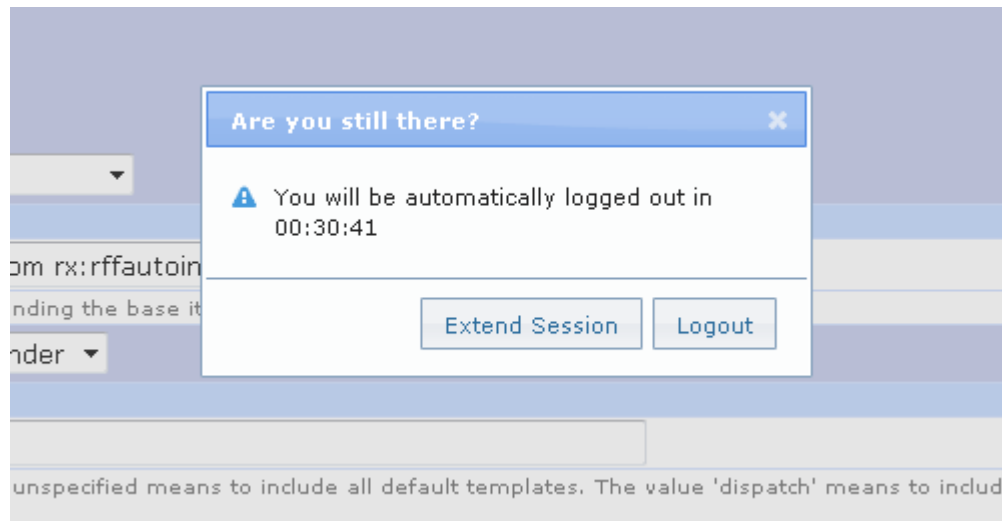
From Implementation Guide Version 7_3 (Auto Logout)

The amount of time before the warning appears and the amount of time before the user is automatically logged out can be configured in rxconfig/Server/server.properties. The values are set in minutes. The user and warning will appear in the main content exporer window and editor popup. If viewing the publishing status the request for the status will keep the session open and

will extend the session. If another window makes a request extending the session the popup will disappear from all windows it is showing until the warning time expires again.

clientSessionWarning=30

clientSessionTimeout=100

Focus set to error messages

When a validation error occurs in the content explorer, the focus will change to the error message to allow screen readers to read.

Fix Accelerators keys on Menus

Menus can be assigned an Accelerator or Mnemonic. The Mnemonic is available when on a menu dropdown; the Accelerator is available throughout the content explorer interface. Previously Accelerator failed to work in many cases.

The keys control, shift, ctrl, meta, alt, and altGraph are supported and can be combined with a character. The keys DELETE and INSERT are supported

as well. Examples are: "INSERT", "control DELETE", and "alt shift X". Case is sensitive the modifier is all lower case and the key is in Caps.

Hashed Binary Changes

CM System 7.0.2 introduced a new mechanism to allow files to be added to a central storage table in the database; this pulls the binary out of the main content type tables and replaces it with a unique hash string for the binary. This release adds some improvements to this mechanism. Customers that have used the hashed binaries from 7.0.2 to 7.2 will need to use the export mechanism to upgrade to the new tables.

- Import and Export of binaries to a folder

- An improved table structure for the storage of the binary metadata

- The ability to purge out binaries that are no longer being referenced.

Refer to CM System Administration Manual 7.3 (Managing Binaries) for full details on conversion and management of hashed binaries.

Indexer Improvements

Text and Metadata extraction is now being done through the Apache Tika 1.3 http://tika.apache.org/ to handle more formats and more documents as well as improved error handling in the indexing queue.
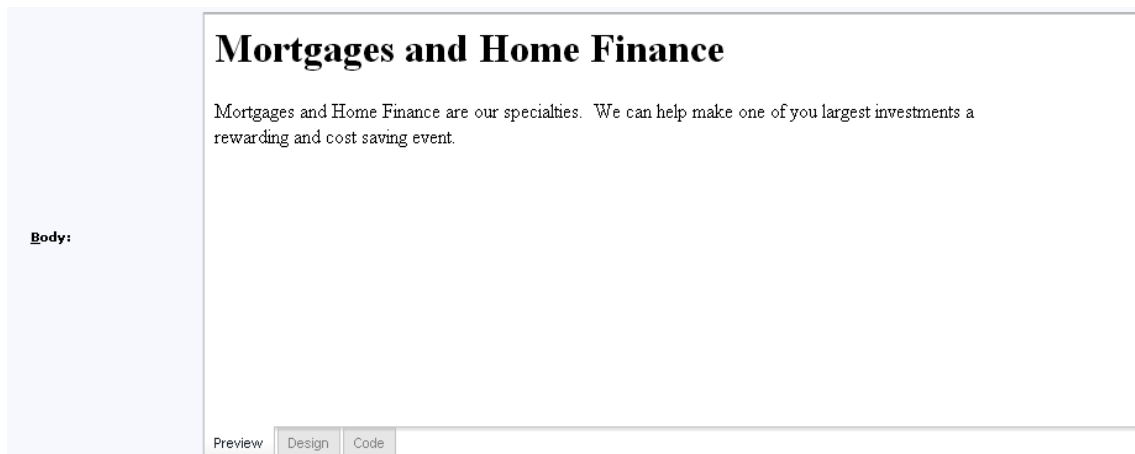

Applet Java Version

Support for Java7u21 +

Java7u21 made some significant security changes that required code changes.   An upgrade to Ephox Editlive 8.1 was required to resolve the same issues. We now recommend using the latest JRE to keep up with security releases.   These are now much more frequent and as of release, the version is now Java 7u25 and we have seen no further issues with this java release.   We will patch to resolve any issues found with new java 7 updates.

Ephox 8.1 update

Upgrade to Ephox 8.1 was required to resolve java security warning issues. This also adds an improved applet and resolves some previous EditLive issues.   There is a change in how the applet is activated in this release. Previously you would click directly on the space for the control to activate it. Now each control has three tabs (unless code view is disabled in the config). You can click on the tabs to switch between the different modes.

The update is set to automatically modify the config files to be backwards compatible. If you have a custom Ephox EditLive control file in Rhythmyx/rx_resources/stylesheets/controls or

Rhythmyx/rx_resources/stylesheets/rx_Templates.xsl. You will need to upgrade it to work with the new version.

You may also need to clear the browser java cache and browser caches if you have problems after upgrade.

WebDav

Improved error handling

Validation errors will now be returned to the client

Validation can be disabled for items uploaded through WebDav.

The html parameter sys_client=WebDav will be sent with requests through WebDav, which can be used in validation conditions.

Documentation

Information in release notes guides for previous versions has been pulled into main documentation