WHAT'S NEW

CoreMedia Content Cloud v10
CMCC Distribution 10.2101.1

COREMEDIA

CoreMedia Content Cloud Distribution 10.2101.1

The new product features and enhancements highlighted in this document are available as part of CoreMedia Content Cloud v10, distribution 10.2101.1. For more details about the included products and components, please refer to our distribution download site at https://l.coremedia.com/cmcc-10.

1. New Commerce Connectors

1.1. HCL Commerce 9.1 Connector

Over the last few years, CoreMedia Content Cloud has integrated with various versions of HCL Commerce (formerly IBM WebSphere Commerce). The latest version of HCL Commerce (V9.1) introduced a headless architecture and a new search engine by default.

Headless commerce and content have gained significant traction over the last few years – and with good reason. A headless frontend layer enables developers to focus solely on styling, independent from the backend software. It allows easy switching of technologies without the need to revamp a complete stack. And it separates the frontend from backend technologies, making it easier to employ specialists to manage each part efficiently.
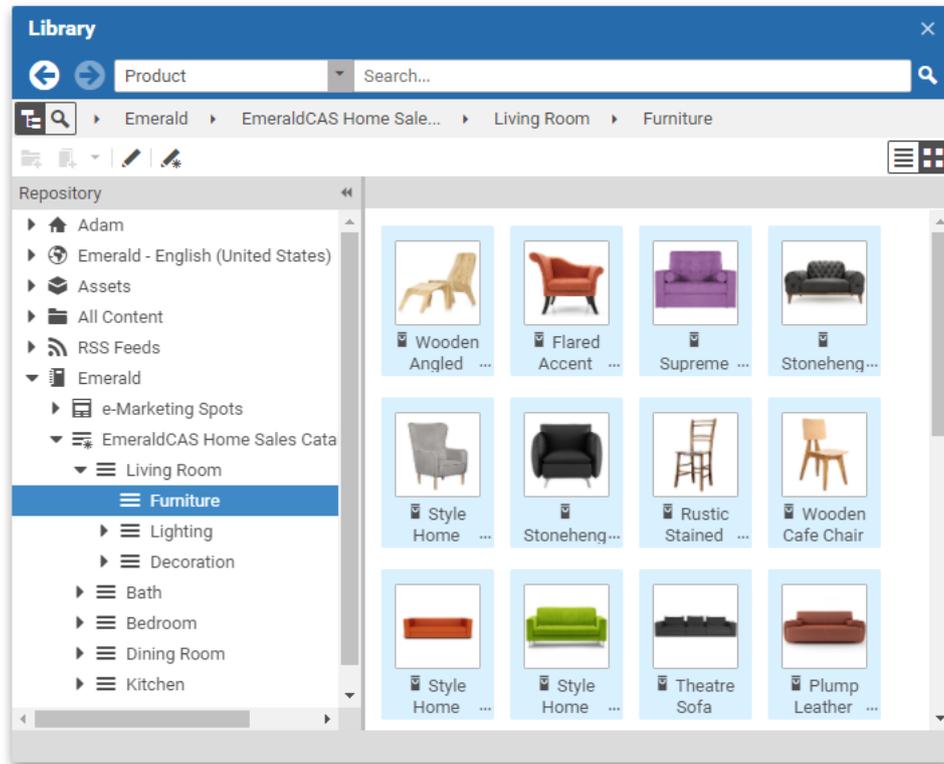
With distribution 10.2101.1, HCL Commerce 9.1, with the new headless and Elastic Search based setup, is integrated with CoreMedia Content Cloud.

CoreMedia's HCL Commerce Connector includes a ready-to-use CoreMedia Commerce Hub Adapter that can connect to HCL Commerce 9.1 via standard HCL API. This integration connects HCL Commerce 9.1 and enables editors to access the product catalog directly from CoreMedia Studio.

HCL offers a React-based demo frontend that pulls data from HCL Commerce via REST-ful APIs. Developers can simply add a second endpoint pointing to the CoreMedia Headless Server and start loading content and data into their client. This can be accomplished by using either GraphQL or REST-mappings within the CoreMedia headless server.

The hybrid headless approach of this integration provides all the flexibility and support that developers demand, plus advanced tools for marketers and merchandisers to quickly preview, edit and optimize content in context and in real-time.

For customization purposes, CoreMedia provides a Github repository with a custom workspace.

Access the HCL Commerce 9.1 product catalog directly from CoreMedia Studio

2. Content Hub Connectors as Application Plugins

Application Plugins provide an entirely new approach for developers to customize and extend CoreMedia Content Cloud.

Our Content Hub Connectors can be used to integrate arbitrary content sources into CoreMedia Studio, so that external content – such as images or text documents - can easily be browsed and imported / converted into CoreMedia documents on demand.

With this release, CoreMedia has introduced a general Application Plugin framework that enables developers to:

- integrate available Content Hub Connector Plugins and
- implement custom Content Hub Connectors as Application Plugins

For Application Plugin integrators:

- Content Hub Connector Plugins are released separately by CoreMedia Labs or our partners and can easily be added to your CoreMedia Content Cloud installation, without the need for an integration software project.
- Simply drop the plugin archive (ZIP) into a dedicated folder of your ready-to-run CoreMedia application and restart it.
- With CoreMedia Content Cloud release 2101.1, we already have multiple Content Hub Connectors available as plugins, and more will follow soon. Please check the "Downloads" (https://www.coremedia.com/en/services/downloads) page for a complete list of available Content Hub Connector Plugins.

For Application Plugin developers:

- CoreMedia provide a light-weight, stand-alone development workspace for a single Content Hub Connector that supports:
    - o Fast plugin builds – no need for rebuilding the extended application(s)
    - o Quick development turnaround
    - o Flexibility to start with an example workspace (Content Hub Filesystem Connector Plugin will be available as source code) or use the dedicated Maven Archetypes
- Use-case-driven and focused application APIs reduce the learning curve
- Clear, stable contract between plugins and CoreMedia applications
- Release your application plugin independently of your Blueprint customizations
- Ideal for reuse: implement a feature once and use it with several different releases without additional effort
- Contact us if you want your Content Hub Connector featured on the CoreMedia website!
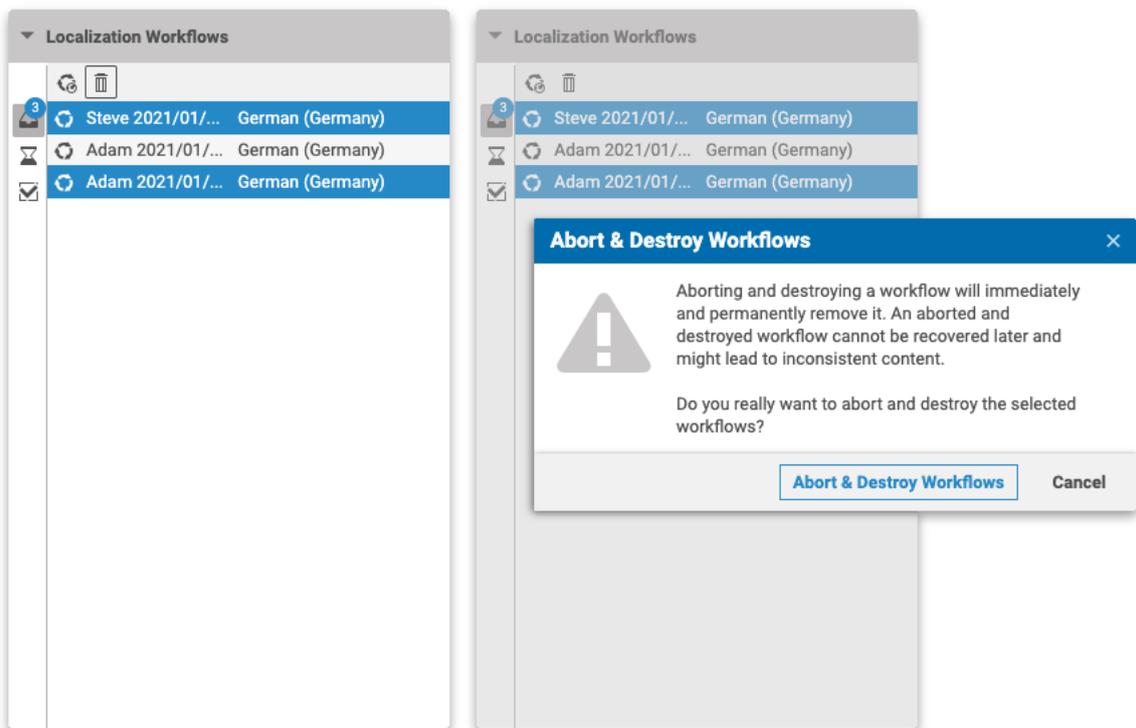
3. Workflow Improvements

3.1. Bulk Abort & Destroy

This new workflow enhancement makes it much easier for editors to abort a group of workflows that have been started in error.

In previous versions of CoreMedia Content Cloud, editors would have to select and abort each erroneous workflow individually. Editors now have the ability to browse open workflows in the Control Room and select the ones that they wish to abort. Multiple workflows can be terminated with a single click.

This allows editors to save valuable time by not having to open and abort each workflow individually.

3.2. Start Workflows Quickly and More Safely

This new workflow enhancement improves efficiency-by giving editors more control over the workflow validation process.
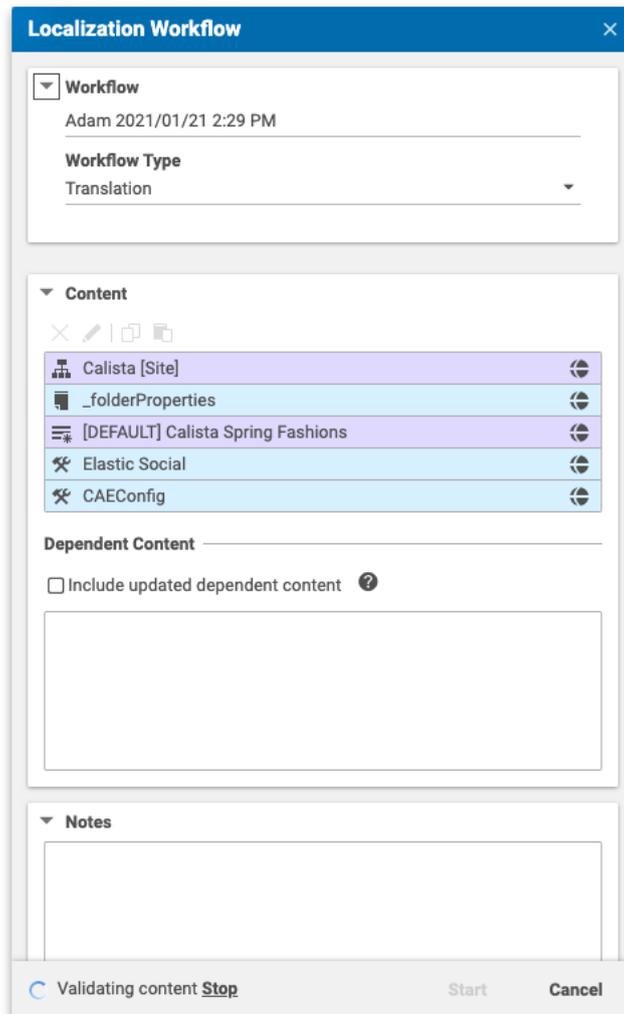
Complex workflows with multiple content dependencies can take some time to validate for errors. In previous versions, the Start Workflow would also only display a subset of the actual content of the workflow.

These challenges are addressed in this version of CoreMedia Content Cloud. Editors can stop or restart the validation process by pressing a single button in the Start Workflow Window in Studio. Validation in this window now takes all dependent content into account.

In addition to the enhanced Start Workflow UI, the public API of the validation framework has been adapted so that customization can also benefit from these improvements.

The benefits of these enhancements include:

- Improved usability and flexibility for editors who can make their own decision if validating direct and dependent content is necessary. If they know that it is safe, they can skip and start immediately.
- Improved editorial efficiency by previewing all possible issues prior to starting the workflow.

4. Supported Environments

4.1. MySQL 8 and PostgreSQL 13

The current versions of MySQL and PostgreSQL are reaching their end of life. The newest version of these platforms (4.1. MySQL 8 and PostgreSQL 13) will provide a wide range of new features and improvements.

This new release of CoreMedia Content allows CoreMedia Content Cloud system administrators and developers to take advantage of these new versions. The CoreMedia Blueprint framework has been intensively tested with both versions, so that customers can now select these versions in their CoreMedia setup. In addition, the Docker images included with the Blueprint framework now use MySQL 8 by default. CoreMedia customers benefit from the improvements, new features and longer support cycle of the newer versions of MySQL and PostgreSQL.

5. Add Live Server Group Support to User Manager

This feature enables customers who have previously set up Live Server groups in the Site Manager UI to continue to do so in CoreMedia Studio.
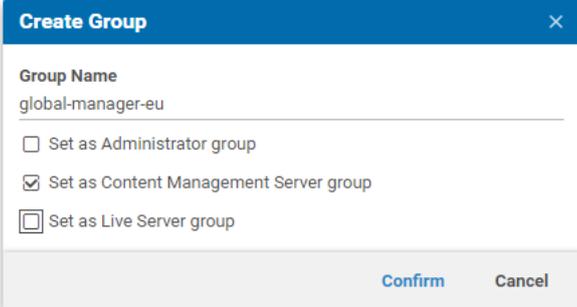
When creating a new user group, the administrator can set it as either "Content Management Server group" or "Live Server Group".

This feature is enabled by two new checkboxes in the Create User Group dialog and the User Group dialog:

- Set as Content Management Server group
- Set as Live Server group

After the user group has been created, the option is set and the checkboxes are read only.

Since Live Server groups are a deprecated feature, this function is deactivated by default and must be activated in the Spring properties during the configuration process. Customers who do not use Live Server Groups will not see this checkbox in their User Manager.

global-manager-eu ×

Save   Revert

Details   Rules   Effective Rules

Group ID: 00092

global-manager-eu

Edit Group Name

☐ Set as Administrator group

☑ Set as Content Management Server group

☐ Set as Live Server group

Users

Users assigned to this groups are visible here.

✏ ✕ | ▢ ▢

Username	Name	Home Folder
No assigned users found.		
✛ Type here to search or drag and drop user onto this area.		

6. Headless Server Improvements

CoreMedia is committed to continuously improving the CoreMedia Headless Server based on feedback from the field, partners, and customers. This latest iteration is focused primarily on providing rich text capabilities and extending the GraphQL API. But it also includes numerous additional performance enhancements.

The CoreMedia Content Cloud Headless Server has been enhanced with the following capabilities:

- Rich Text Improvements
- PDE Property Mapping via Metadata
- Additional Doctypes (CMExternalLink)
- Localized Variants with enabled Site Filter
- Exclusion List for Pagegrid Filtering