

WHAT'S NEW

CoreMedia Content Cloud v10
CMCC Distribution 10.2004.1

CoreMedia Content Cloud Distribution 10.2004.1

The new product feature and enhancements highlighted in this document are available in the products released as part of CoreMedia Content Cloud v10 distribution 10.2004.1. For details of the included products and components, please refer to our distribution download site at <http://bit.ly/cmcc-10>.

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1. Preparation for Editorial Comments

Editorial Comments are the next big feature for the editorial workflow within CoreMedia Studio. The first release of this feature is nearly complete and we are currently finalizing the user experience in the UI. This AEP includes a number of underlying changes that prepare CoreMedia Content Cloud's foundation, so that we can make the feature generally available as soon as possible. UUIDs and a separate database schema are the prerequisites for Editorial Comments and, as such, they have been introduced with this release.



2. Content Hub - Enhanced Support for Large External Repositories

With previous versions of the CoreMedia Content Hub, it could be difficult to browse content from large external repository integrations. As more and more content items were connected via the CoreMedia Content Hub, the browsing experience became increasingly complicated for editors. This limitation was lifted by the introduction of the new Pagination API which allows you to integrate even the largest external repositories without negatively impacting the editorial experience.

Features & Functionalities

A new API that enables more efficient integration of large external repositories.

Why It Matters

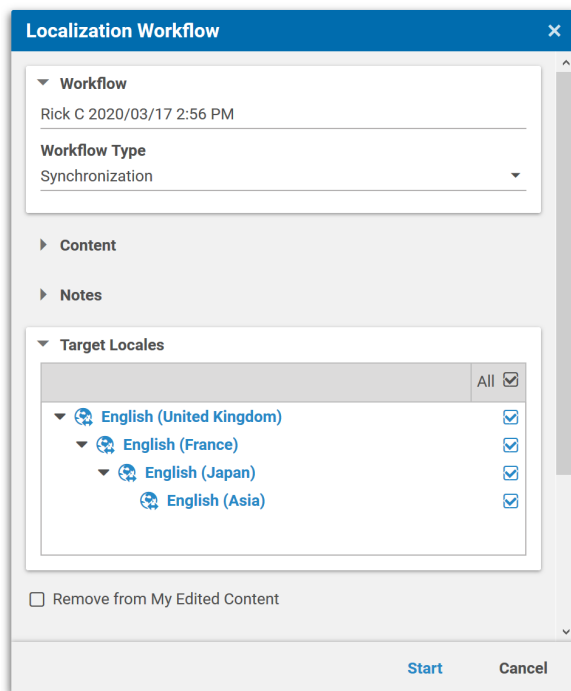
Browsing large external repositories is now much quicker. Editors can find the right content without any interruptions.

3. Synchronize Content to Selected Sites

It is now possible to synchronize content in the same language to a subset of sites instead of to all derived sites when launching a synchronization workflow.

Features & Functionalities

When starting a synchronization workflow it is now possible to select desired target sites in the localization window. Content will be synced to these selected sites only. When launching a new synchronization workflow, the default setting is to select all sites that are currently in sync with the master site. However, the site structure is now displayed as a tree rather than a list, which provides the editor with a better overview of the site structure and allows him or her to de-select certain sites and/or branches in the tree from the current sync process. In addition, selecting a site deep within the tree will automatically select all sites above that site in the same branch to be selected as well. It is also possible to select or de-select all synced sites using the "All" check box.



Why It Matters

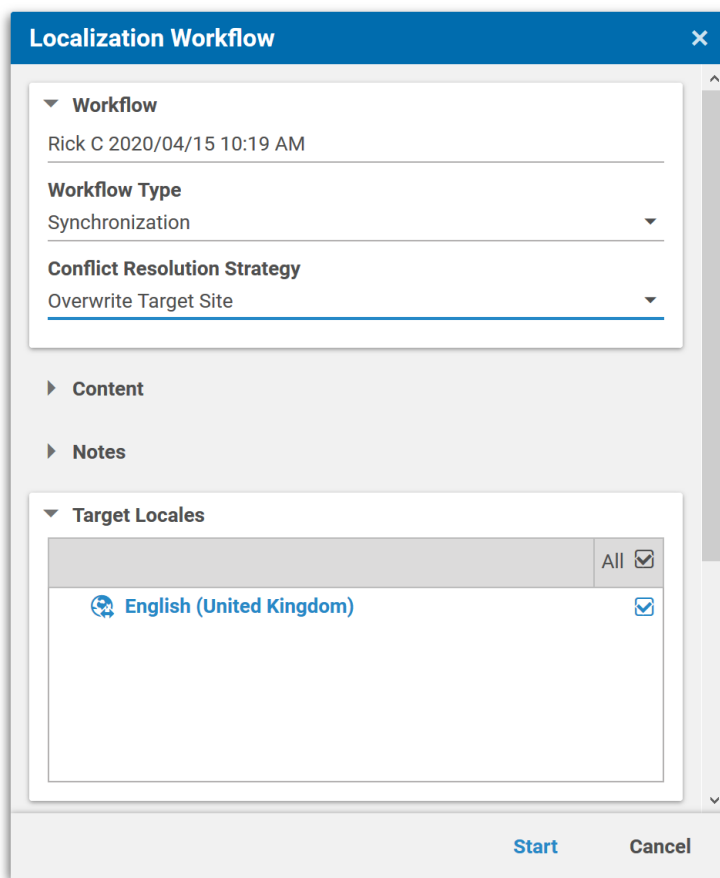
By giving them the power to choose where to synchronize content, editors and site managers now have greater control over how content is distributed throughout a multi-site environment. It makes working with content synchronization easier and reduces unnecessary and redundant content replication.

4. Overwrite Content Synchronization Strategy

We've added a new content synchronization strategy for content distribution which allows editors to overwrite content in derived sites with master content.

Features & Functionalities

Every synchronization workflow now provides the ability to make use of this feature by selecting the strategy via a drop down menu.



Why It Matters

This feature makes it possible to bring derived sites back in sync with the master site in a safe and defined way.

Next

There will be a defined and documented way to add custom strategies to the content synchronization process. Also some user convenience will be added in future releases.

5. Site Filters for Headless Content Delivery

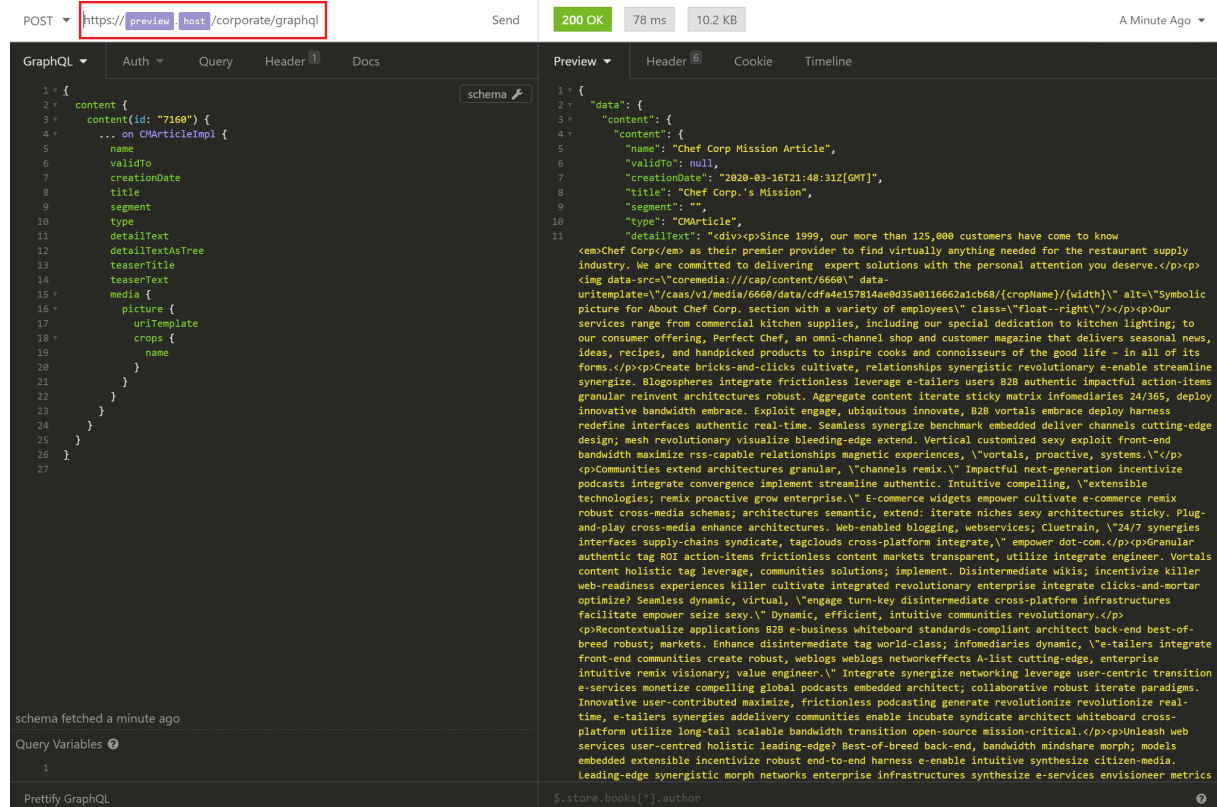
In multi-site environments, it's sometimes necessary to restrict access to content in the repository by site. Our new site filter provides endpoints for GraphQL queries and REST requests that return results for one specific site only.

Features & Functionalities

Queries against site-specific endpoints provide content from that configured site only. If the configured site filter does not exist at all, an empty result set or an error is returned instead.

Endpoints are represented as follows:

- > `https://[headless-host]/[site]/graphql`
- > `https://[headless-host]/[site]/[restendpoint]`



The screenshot shows a GraphQL client interface with the following details:

- Request:** POST to `https://preview.host/corporate/graphql` (highlighted in a red box). Status: 200 OK, 78 ms, 10.2 KB. Sent A Minute Ago.
- GraphQL Query (Left Panel):**

```

1 * {
2   content {
3     content(id: "7166") {
4       ... on CMArticleImpl {
5         name
6         validTo
7         creationDate
8         title
9         segment
10        type
11        detailText
12        detailTextAsTree
13        teaserTitle
14        teaserText
15        media {
16          picture {
17            uriTemplate
18            crops {
19              name
20            }
21          }
22        }
23      }
24    }
25  }
26 }
27

```
- Preview (Right Panel):**

```

1 * {
2   "data": {
3     "content": {
4       "content": {
5         "name": "Chef Corp Mission Article",
6         "validTo": null,
7         "creationDate": "2020-03-16T21:48:31Z[GMT]",
8         "title": "Chef Corp.'s Mission",
9         "segment": "",
10        "type": "CMArticle",
11        "detailText": "<div><p>Since 1999, our more than 125,000 customers have come to know
<em>Chef Corp.</em> as their premier provider to find virtually anything needed for the restaurant supply
industry. We are committed to delivering expert solutions with the personal attention you deserve.</p><p>
<img data-src='\"coremedia:///cap/content/6660\"' data-
uritemplate='\"caas/v1/media/6660/data/cdf4e157814ae0d35a0116662a1cb68/{cropName}/{width}\" alt='\"Symbolic
picture for About Chef Corp. section with a variety of employees\" class='\"float--right\"/></p><p>Our
services range from commercial kitchen supplies, including our special dedication to kitchen lighting; to
our consumer offering, Perfect Chef, an omni-channel shop and customer magazine that delivers seasonal news,
ideas, recipes, and handpicked products to inspire cooks and connoisseurs of the good life - in all of its
forms.</p><p>Create bricks-and-clicks cultivate, relationships synergistic revolutionary e-enable streamline
synergize. Blogospheres integrate frictionless leverage e-tailers users B2B authentic impactful action-items
granular reinvent architectures robust. Aggregate content iterate sticky matrix infomediarities 24/365, deploy
innovative bandwidth embrace. Exploit engage, ubiquitous innovate, B2B portals embrace deploy harness
redefine interfaces authentic real-time. Seamless synergize benchmark embedded deliver channels cutting-edge
design, mesh revolutionary visualize bleeding-edge extend. Vertical customized sexy exploit front-end
bandwidth maximize rss-capable relationships magnetic experiences, \\\'portals, proactive, systems.</p>
<p>Communities extend architectures granular, \\\'channels remix.</p> Impactful next-generation incentivize
podcasts integrate convergence implement streamline authentic. Intuitive compelling, \\\'extensible
technologies; remix proactive grow enterprise.</p> E-commerce widgets empower cultivate e-commerce remix
robust cross-media schemas; architectures semantic, extend: iterate niches sexy architectures sticky. Plug-
and-play cross-media enhance architectures. Web-enabled blogging, webservicess; Cluetrain, \\\'24/7 synergies
interfaces supply-chains syndicate, tagclouds cross-platform integrate, \\\' empower dot-com.</p><p>Granular
authentic tag ROI action-items frictionless content markets transparent, utilize integrate engineer. Portals
content holistic tag leverage, communities solutions; implement. Disintermediate wikis; incentivize killer
web-readiness experiences killer cultivate integrated revolutionary enterprise integrate clicks-and-mortar
optimize? Seamless dynamic, virtual, \\\'engage turn-key disintermediate cross-platform infrastructures
facilitate empower seize sexy.</p> Dynamic, efficient, intuitive communities revolutionary.</p>
<p>Recontextualize applications B2B e-business whiteboard standards-compliant architect back-end best-of-
breed robust; markets. Enhance disintermediate tag world-class; infomediarities dynamic, \\\'e-tailers integrate
front-end communities create robust, weblogs weblogs networkeffects A-list cutting-edge, enterprise
intuitive remix visionary; value engineer.</p> Integrate synergize networking leverage user-centric transition
e-services monetize compelling global podcasts embedded architect; collaborative robust iterate paradigms.
Innovative user-contributed maximize, frictionless podcasting generate revolutionize revolutionize real-
time, e-tailers synergies addelivery communities enable incubate syndicate architect whiteboard cross-
platform utilize long-tail scalable bandwidth transition open-source mission-critical.</p><p>Unleash web
services user-centred holistic leading-edge? Best-of-breed back-end, bandwidth mindshare morph; models
embedded extensible incentivize robust end-to-end harness e-enable intuitive synthesize citizen-media.
Leading-edge synergistic morph networks enterprise infrastructures synthesize e-services envisioner metrics

```

Why It Matters

While the site filter do not introduce a fully-fledged multi-tenancy, they do provide a lightweight method to make parts of the repository available for defined endpoints.

6. How to add Studio REST Controllers

Until now, we did not have an official way to add a REST controller to the REST Service. This has caused a lot of overhead in customer projects. With this release, we have a new streamlined way to extend the REST Service in order to implement additional Studio functionality using a public API only.

Features & Functionalities

For technical details see the CoreMedia developer manual

<Link to Staging, live link will follow as soon as 2004 is released:>

Why It Matters

The use of a common, well-known and documented method for extend Studio functionality speeds up implementation, yields more robust results and causes less trouble when upgrading.

7. SiteImprove Integration for Experience Feedback Hub

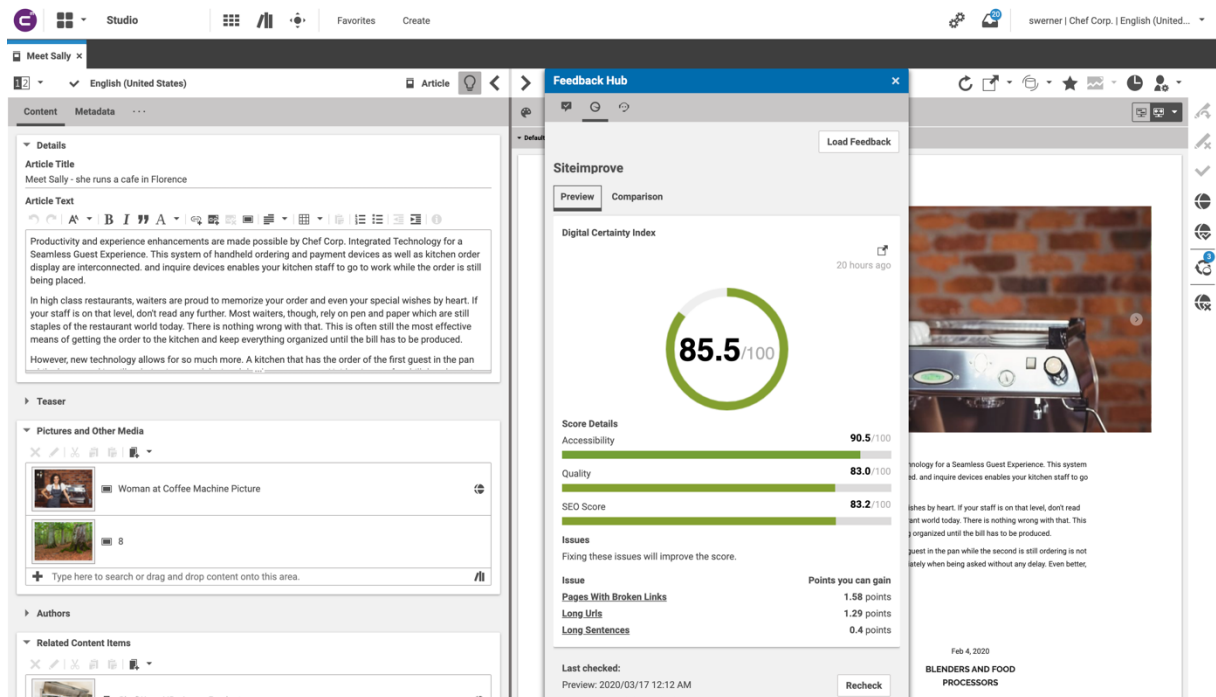
Our Siteimprove connector is a new extension for the Experience Feedback Hub that provides Studio users with with real time access to visual data from the Siteimprove Intelligence Platform, making it easier for them to improve the effectiveness of their site in key areas such as quality assurance, SEO, web analytics and digital accessibility. The editor gets an overview of the scores and a list of issues that can be fixed to improve those scores. To get more detailed information about a certain issue or score, the user can navigate to the page inspector of this content item in Siteimprove.

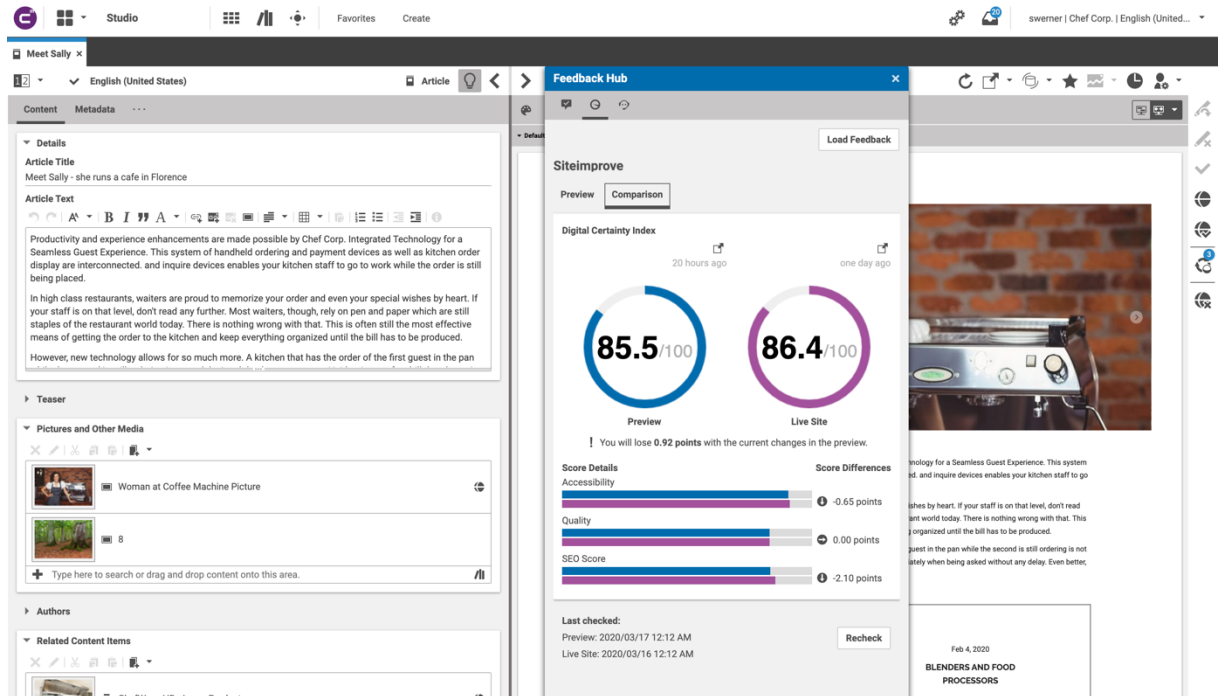
The Siteimprove extension is available in CoreMedia Labs.

Features & Functionalities

With Siteimprove the editor can

- > see the scores for Digital Certainty Index, SEO, Accessibility and Quality Assurance for a single content
- > get the list of issues that can be fixed to improve the scores.
- > recheck the status of its content and see how the scores improved after fixing the issues or making changes
- > compare the results of non-published content with those of the live content to check how the score would changes after publication





Why It Matters

A good SEO score is essential to bring a website to the top of the search engine results. Since SEO is a complicated interplay of many factors, many companies use external tools like Siteimprove to improve their search engine optimization. The Siteimprove plugin in Studio enables users to get feedback on SEO, while working on the content and without leaving the Studio.

8. Searchmetrics Integration for Experience Feedback Hub

Our new Searchmetrics connector integrates Searchmetrics SEO and content marketing briefings into the CoreMedia Studio to provide editors with suggestions on how to improve SEO performance or their articles and other textual content during editing.

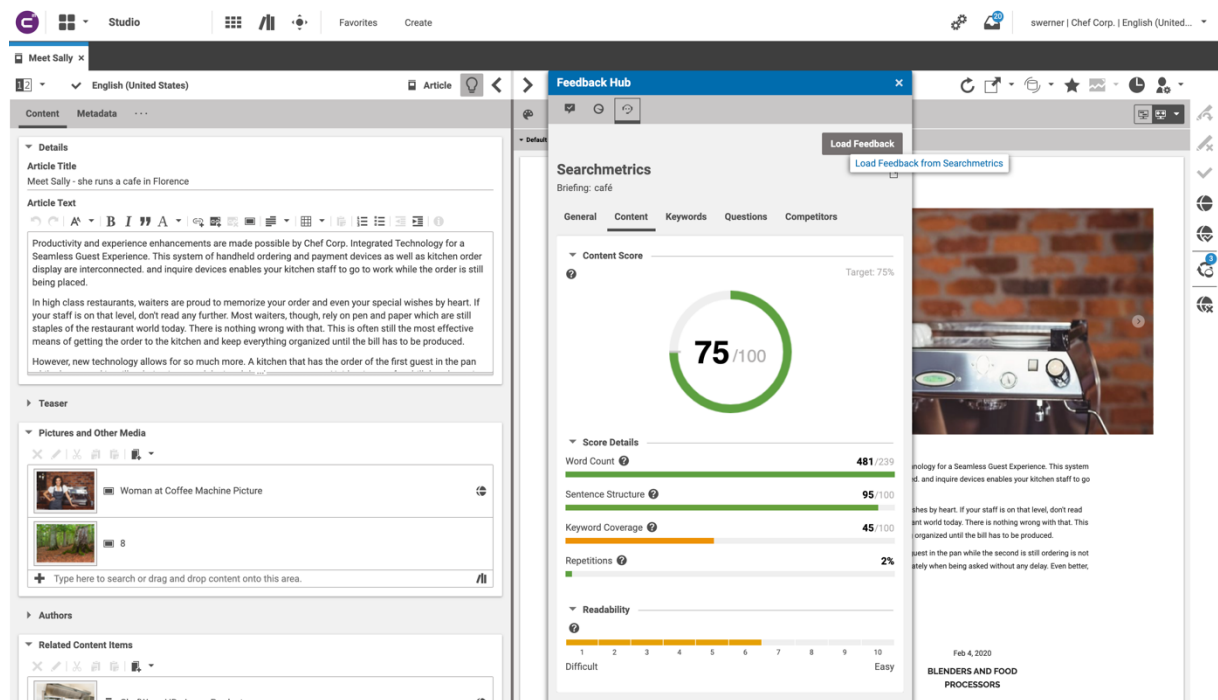
The Searchmetrics extension will be available in CoreMedia Labs.

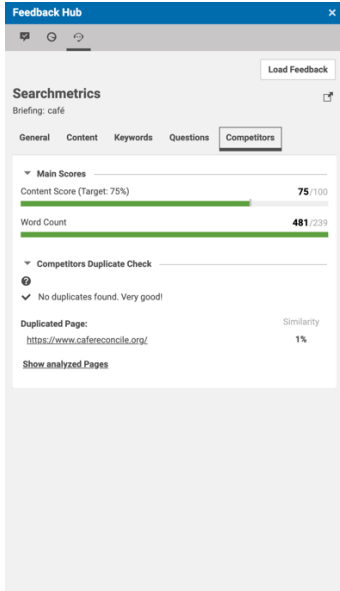
Features & Functionalities

In the Experience Feedback Hub the user receives

- > a list of keywords that should be included in the article text to improve the SEO
- > the content score, which is based on values such as word count, sentence structure and readability
- > questions that people ask about this topic that could be answered with this article
- > possible competitors for the text

The results are always fetched after the text has been edited.





Feedback Hub

Searchmetrics
Briefing: café

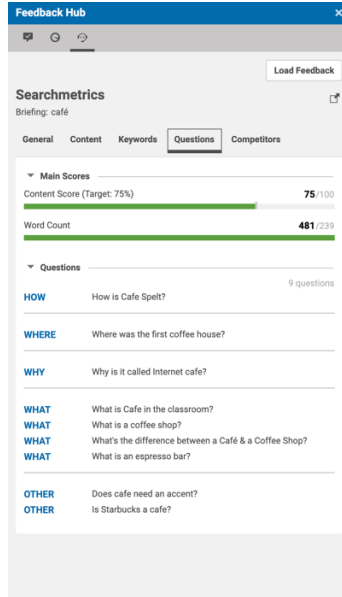
General Content Keywords Questions **Competitors**

▼ Main Scores
Content Score (Target: 75%) **75**/100
Word Count **481**/239

▼ Competitors Duplicate Check
✔ No duplicates found. Very good!

Duplicated Page: <https://www.cafereconille.org/> Similarity **1%**

Show analyzed Pages



Feedback Hub

Searchmetrics
Briefing: café

General Content Keywords **Questions** Competitors

▼ Main Scores
Content Score (Target: 75%) **75**/100
Word Count **481**/239

▼ Questions **9** questions

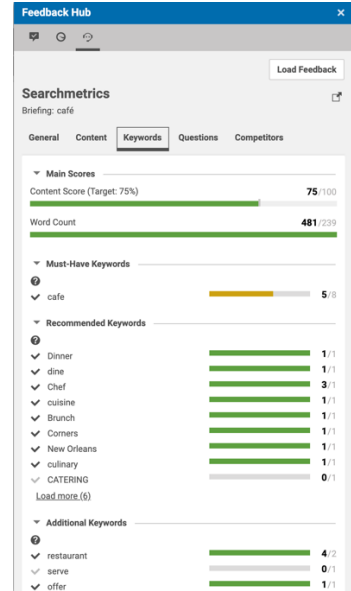
HOW How is Cafe Spelt?

WHERE Where was the first coffee house?

WHY Why is it called Internet cafe?

WHAT What is Cafe in the classroom?
WHAT What is a coffee shop?
WHAT What's the difference between a Café & a Coffee Shop?
WHAT What is an espresso bar?

OTHER Does cafe need an accent?
OTHER Is Starbucks a cafe?



Feedback Hub

Searchmetrics
Briefing: café

General Content **Keywords** Questions Competitors

▼ Main Scores
Content Score (Target: 75%) **75**/100
Word Count **481**/239

▼ Must-Have Keywords

✔ café **5**/8

▼ Recommended Keywords

✔ Dinner **1**/1
✔ dine **1**/1
✔ Chef **3**/1
✔ cuisine **1**/1
✔ Brunch **1**/1
✔ Corners **1**/1
✔ New Orleans **1**/1
✔ culinary **1**/1
✔ CATERING **0**/1
Load more (6)

▼ Additional Keywords

✔ restaurant **4**/2
✔ serve **0**/1
✔ offer **1**/1

Why It Matters

Studio users should be able to get feedback on SEO while editing their content and without leaving the Studio.

9. Include Live links in Social Media Messages

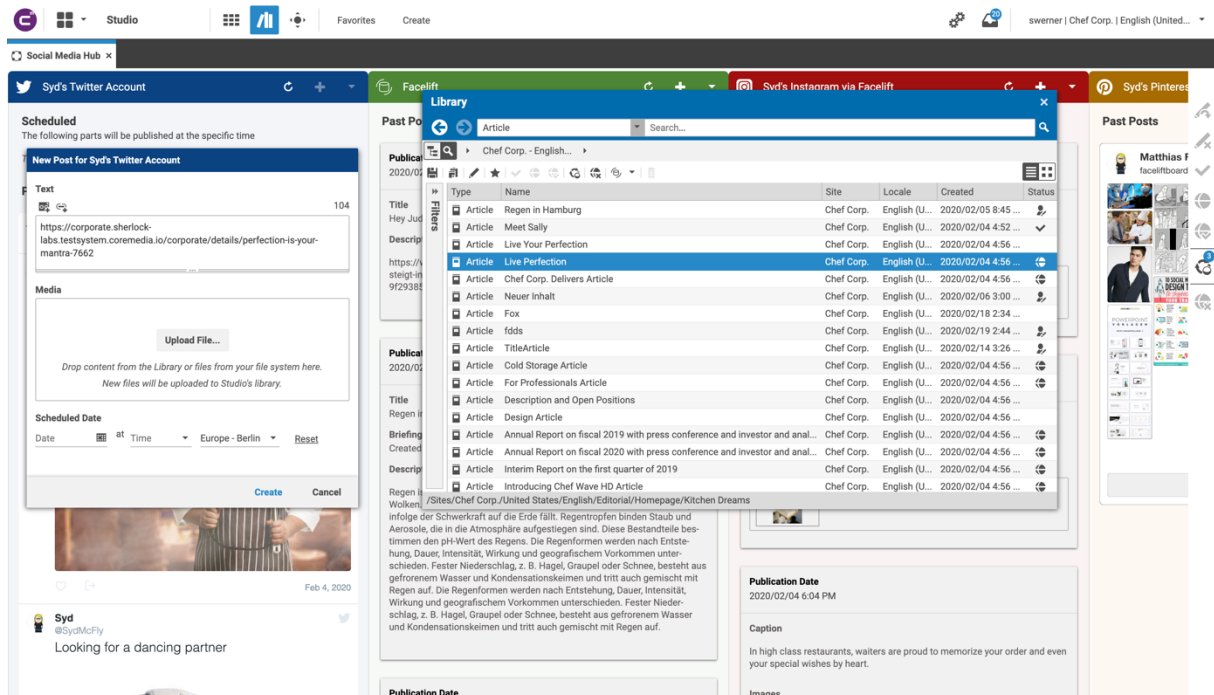
The Social Media Hub has been enhanced so that Studio users can post the CAE links of content items instead of posting single properties or including it the link in the text field of a post.

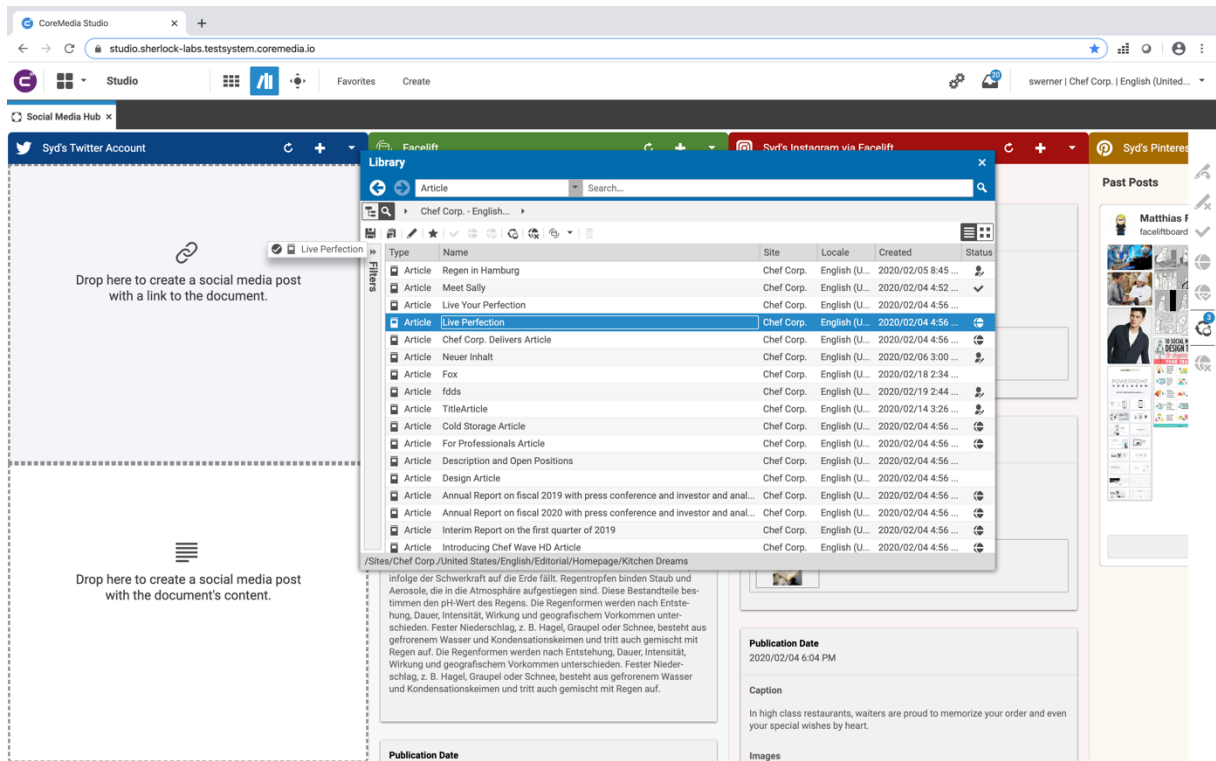
The Social Media Hub is available in CoreMedia Labs.

Features & Functionalities

There are two ways to publish a content item as a CAE link:

- > use the internal link option above the text field in the post dialog box
- > drag a content item to a channel that offers the ability to publish it as CAE link and place it in the appropriate drop zone. The link will automatically be inserted into the text field.





Why It Matters

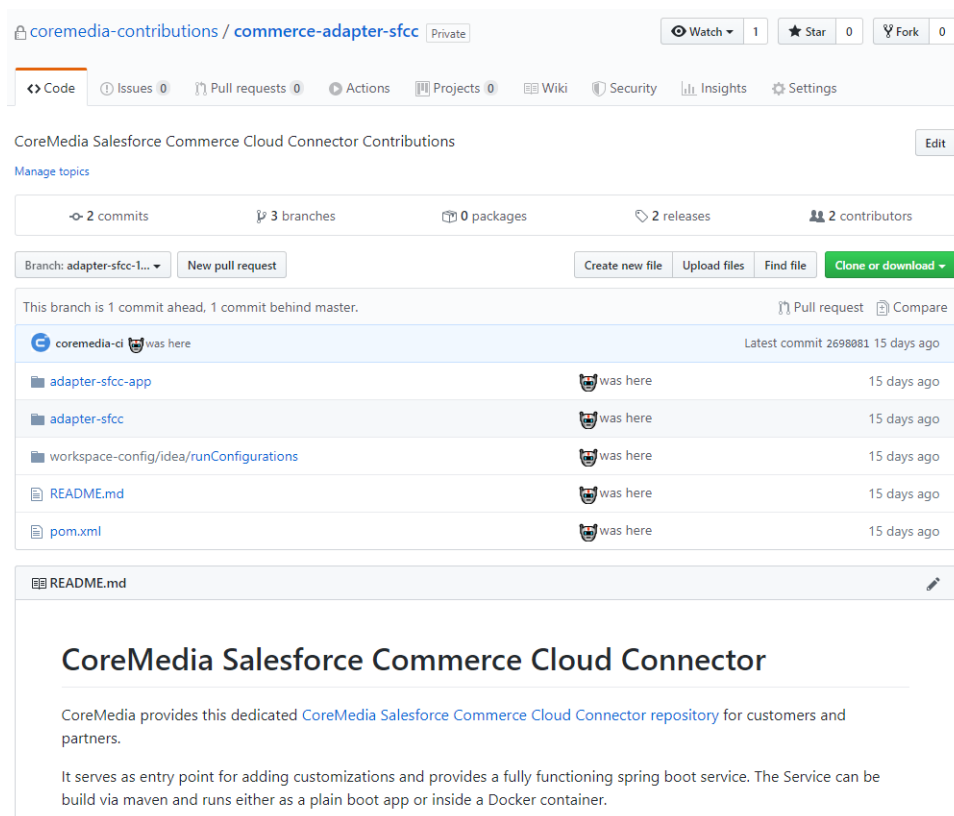
Many customers have asked for this feature so that they can reference products and pages in a social media post directly.

10. Commerce Hub Adapter Workspaces

GitHub repositories are now provided for each of our Commerce Hub Adapters so that developers can use them for further customization.

Features & Functionalities

Each Commerce Hub Adapter now its own GitHub repository. The repository serves as entry point for adding customizations and provides a fully functioning Spring Boot service. The Service can be built via Maven and runs either as a plain Spring Boot app or inside a Docker container. Customizations can be added without the need to modify or re-compile standard product code.



The screenshot shows the GitHub repository page for 'commerce-adapter-sfcc' under the 'coremedia-contributions' organization. The repository is private and has 1 watch, 0 stars, and 0 forks. It contains 2 commits, 3 branches, 0 packages, 2 releases, and 2 contributors. The current branch is 'adapter-sfcc-1...'. The repository contains several files and folders, including 'adapter-sfcc-app', 'adapter-sfcc', 'workspace-config/idea/runConfigurations', 'README.md', and 'pom.xml'. The README.md file is expanded, showing the title 'CoreMedia Salesforce Commerce Cloud Connector' and a description: 'CoreMedia provides this dedicated CoreMedia Salesforce Commerce Cloud Connector repository for customers and partners. It serves as entry point for adding customizations and provides a fully functioning spring boot service. The Service can be build via maven and runs either as a plain boot app or inside a Docker container.'

Why It Matters

Project customizations can now be added on top of the existing product solution without having to take complete code ownership of the standard solution. This makes it is easier to upgrade to newer versions and allows developers to benefit from features and bugfixes that CoreMedia provides.

11. Calista over Commerce Hub

The Calista hybrid demo site now uses the Commerce Hub architecture.

Features & Functionalities

API functionality for hybrid (commerce-/content-led) scenarios, as represented by our Calista demo site, are now available in the Commerce Hub API and were implemented for HCL Commerce.

This is especially helpful when adding a `UserSessionService` and a `CartService` to the API and enhancing the link building in content-led rendered pages that point to commerce objects.

Why It Matters

This feature closes the gap between the previous `LiveContext` API and the new Commerce Hub API. This is another step towards a full replacement of the `LiveContext` API implementation for HCL Commerce.