



AEM Guides Expert Session: Reports

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[AEM Guides]

<https://experienceleague.adobe.com/docs/experience-manager-guides-learn/tutorials/knowledge-base/expert-session/expert-session.html?lang=en>

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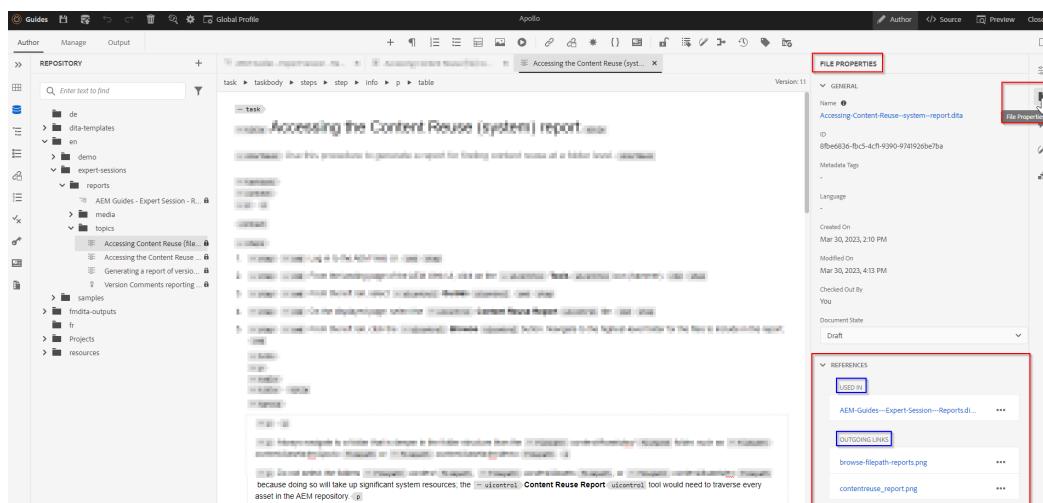
Chapter 1 Available Reports

Accessing Content Reuse (file) report

Use this procedure to generate a report for finding content reuse at a file level.

1. Log in to the AEM Web UI.
2. From the landing page of the AEM Web UI, click on the **Guides** icon. This will launch the web-editor.
3. Click on the repository panel and browse to the folder having the file/topic you want to edit.
4. Double click the topic/file so as to open that file in the web-editor view
5. Once the file is open, click on the **File Properties** panel in the right pane
6. Under that, expand the **References** section

File Properties



7. You can check the **Used In** or **Outgoing Links** to check the backward and forward references of the current file/topic

Accessing the Content Reuse (system) report

Use this procedure to generate a report for finding content reuse at a folder level.

1. Log in to the AEM Web UI.
2. From the landing page of the AEM Web UI, click on the **Tools** icon (hammer).



AVAILABLE REPORTS

3. From the left rail, select **Guides**.
4. On the displayed page, select the **Content Reuse Report** tile.
5. From the left rail, click the **Browse** button. Navigate to the highest-level folder for the files to include in the report.

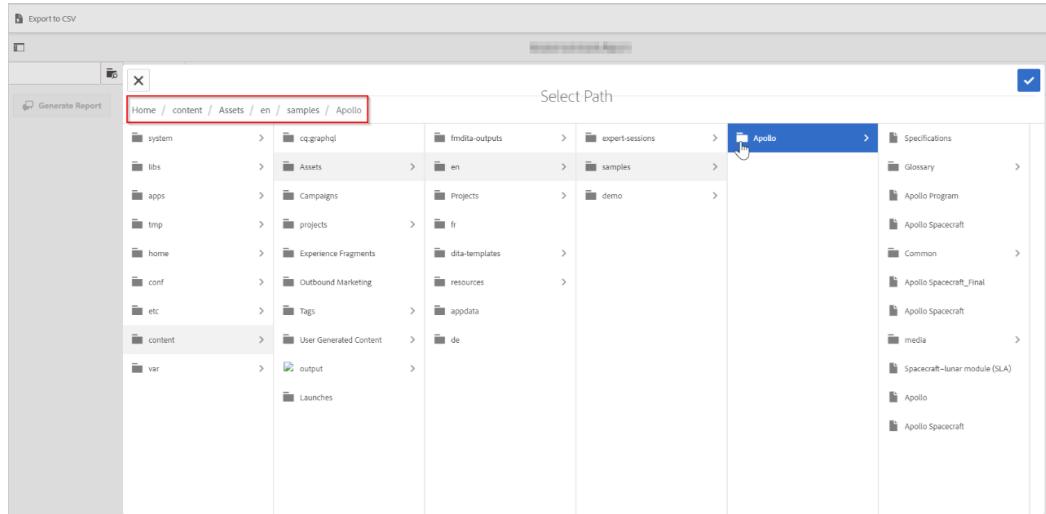
Always navigate to a folder that is deeper in the folder structure than the `content/Assets/en/` folder, such as `content/Assets/en/Apollo` or `content/Assets/en/demo`.

Do not select the folders `content`, `content/Assets`, or `content/Assets/en` because doing so will take up significant system resources; the **Content Reuse Report** tool would need to traverse every asset in the AEM repository.

The navigation path begins with `content/Assets`, for example: `content/Assets/en/Apollo`.

You must select folders in the navigation path. Folders are represented with a folder icon, as shown in the following figure.

Browse to folder - example



6. When you have selected the highest-level folder, click the check mark icon in the top right of the **Select Path** modal.
7. In the left rail, click **Generate Report**.
The report is generated and is displayed in the AEM Web UI. It can take up to several minutes to display results, depending on the number of subfolders. If prompted, click **Wait** in the Page Unresponsive message box.

Comments report - example

The screenshot shows a report titled "Content Reuse Report". The summary table includes metrics like Average Content Reuse (30%), Total Topic Count (308), Content Reuse Instances (94), and Most Reused Topics (Lunar Module). Below the summary is a detailed table with columns for Title, URL, Status, Number of times reused, and Referenced by. The table lists several topics such as "Lunar Module", "Command Module", and "Install as a New Installation", each with its corresponding GUID and a brief description of where it is referenced.

Exporting results to a CSV file

The following steps are optional. If you would like to, for example, distribute the report to team members or filter the results in Excel, you can export the results to a CSV file.

8. If you want to export the results to a CSV file, click **Export to CSV**.
The resulting file is saved to your default download folder with filename *ContentReuseReport.csv*.
9. Open the downloaded file in Excel.

Broken links (in file) report

Use this information to access a report for finding broken links in a content.

Broken links in a file/topic

In order to check if there are any broken links in a file/topic you can follow the steps given below:

1. Login to AEM UI
2. Click on the **Guides** icon to launch the web-editor.
3. Click on the repository panel and browse to the folder having the file/topic you want to edit.
4. Double click the topic/file so as to open that file in the web-editor view.
5. Once the file is open, click on the **Outline** panel in the left pane.

Broken links in a topic/file



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The screenshot shows the AEM web editor interface. On the left, the 'Outline View' is selected in the sidebar. In the center, the 'OUTLINE' panel displays the structure of a topic. A search bar at the top of the outline panel has the text 'topic GUID-a5026999-3b91-4dac...' and a dropdown menu is open, showing 'Broken links' as the selected option. The right side of the screen shows the content of the topic, which includes several sections and lists of broken links.

6. Here you will see a list of all broken links in the topic, which you can use to take an action.

Broken links in a map/document

In order to check if there are any broken links in a map you can follow the steps given below:

1. Login to AEM UI
2. Click on the **Guides** icon to launch the web-editor
3. Click on the repository panel and browse to the folder having the map you want to edit.
4. Double click the map so as to open that map in the web-editor view.
5. Click on options of the map and click on **Map Dashboard**
6. Map dashboard UI will open on a new browser tab, under which click on the **Topics** tab.

Broken links in a map

The screenshot shows the 'Topics' tab of the AEM Map Dashboard. At the top, there is a 'Topic Summary' section with a red box around the 'TOTAL' and 'MISSING' counts (5 and 1 respectively). Below this, a table shows the distribution of missing elements: 0 With Missing Elements, 4 In Draft, 0 In Review, and 0 Reviewed. The main area is titled 'Details' and contains a table with four rows, each representing a report. The first row is highlighted with a red box and shows a warning icon and the text 'Missing Topics [/content/dam/en/expert-sessions/reports/GUID-17513045-2cd4-4be8-aed9-b9da53fd.en.dita]'. The other three rows show reports for generating version comments, broken links in file reports, and accessing content reuse system reports.

TOPIC	FILE NAME	UUID	AUTHOR	DOCUMENT STATE	MISSING ELEMENTS
Generating a report of versions, check-in comments and labels	t_generating_version_comment_report.dita	GUID-d399ad37-4fc4-45f7-8231-daf0280495e-en	admin	Draft	0/0
Broken links (in file) report	Broken-links-in-file-report.dita	GUID-a5026999-3b91-4dgc-8473-89088fd2e95-en	admin	Draft	0/0
Accessing the Content Reuse (system) report	Accessing-Content-Reuse--system-report.dita	GUID-89728556-37ef-4677-ab07-bfeb8db28295-en	admin	Draft	0/0
Accessing Content Reuse (file) report	Accessing-Content-Reuse--file--report.dita	GUID-17513045-2cd4-4be8-aed9-b9da53fd.en	admin	Draft	0/0



Chapter 2 Extended Reports

Generating schema validation error report

Use this procedure to generate a report of all files that have a validation error, for files in a folder and its subfolders

Before you can generate the report for erroneous files or files with schema validation errors, you need to ensure within AEM, you have AEM ACS commons tools installed, if not follow the steps given below:

1. Download the [See "Adobe AEM Commons" on page 1 0](#) package compatible to your AEM version.
 2. Open AEM package manager `/crx/packmgr`
 3. Upload the AEM ACS commons package and install it.
 4. On successful installation follow the steps given below to generate the report for validation issues.
-
1. Browse to Reports interface of ACS Commons, **Home > Tools > AEM ACS Commons > Reports**
 2. In the top section, Add “Title” in text box and click **Add Report**, once the page refreshes, click on **Edit** for the new report.
 3. On the edit report page:
 1. Add *new configuration*, choose “JCR Query Report configuration” and then edit the settings to add below query
SELECT * FROM [nt:base] AS s WHERE ISDESCENDANTNODE([add-your-contentpath-here]) AND [jcr:content/fmErrors] IS NOT NULL
And add page size as per requirement

Manage schema validation error report



EXTENDED REPORTS

DITA Validation Errors

Configuration

Query
SELECT * FROM [nt:base] AS s WHERE ISDESCENDANTNODE([/content/dam/en]) AND [jcr:content/fmErrors] IS NOT NULL

Query Language
JCR-SQL2

Page Size
1000

Drag components here

Search Parameters

Drag components here

Result Columns

Heading
Path

Include Link?
true

Heading
Error

Property
jcr:content/fmErrors

2. Add following two result columns
 1. “ACS Commons Report Build Path Column” => add Heading: “Path” and select “Include Link?”
 2. “ACS Commons Report Build Text Column” => add Heading: “Error” and Property: “jcr:content/fmErrors”
4. Preview or download the report as CSV to see all topics that had errors for given content path.

Preview schema validation error report

DITA Validation Errors

All Results

Execute Report **Download Report**

Results 1 - 2	
#	PATH
1	/content/dam/en/samples/apollo/Apollo-Program.dita
2	/content/dam/en/demo/Demo-topic/topic-err.dita

ERROR
NTFS ADS separator (‘\’) in file name is forbidden.
The element type “p” must be terminated by the matching end-tag “.”

Generating files pending post-processing

Use this procedure to generate a report of all files that are not post processed yet

Before you can generate the report for files that are not post processed, you need to ensure within AEM, you have AEM ACS commons tools installed, if not follow the steps given below:

1. Download the [See "Adobe AEM Commons" on page 10](#) package compatible to your AEM version.
 2. Open AEM package manager `/crx/packmgr`
 3. Upload the AEM ACS commons package and install it.
 4. On successful installation follow the steps given below to generate the report for files pending post-processing.
1. Browse to Reports interface of ACS Commons, **Home > Tools > AEM ACS Commons > Reports**
 2. In the top section, Add “Title” in text box and click **Add Report**, once the page refreshes, click on **Edit** for the new report.
 3. On the edit report page:
 1. Add new configuration, choose “JCR Query Report configuration” and then edit the settings to add below query


```
SELECT * FROM [dam:AssetContent] AS s WHERE ISDESCENDANTNODE ( [/content/dam/en]) AND (s.[cq:name] LIKE "%ditamap%" OR s.[cq:name] LIKE "%dita%" OR s.[cq:name] LIKE "%xml%") AND s.fmPostProcessedAt IS NULL
          And add page size as per requirement
```

Manage files pending post-processing report

The screenshot shows the configuration page for a JCR Query Report. It includes sections for Configuration, Query, Query Language, Page Size, Search Parameters, and Result Columns.

- Configuration:** Pending Post Processing
- Query:**

```
SELECT * FROM [dam:AssetContent] AS s WHERE ISDESCENDANTNODE ( [/content/dam/en]) AND (s.[cq:name] LIKE "%ditamap%" OR s.[cq:name] LIKE "%dita%" OR s.[cq:name] LIKE "%xml%") AND s.fmPostProcessedAt IS NULL
```
- Query Language:** JCR-SQL2
- Page Size:** 1000
- Search Parameters:** (Empty placeholder area with 'Drag components here')
- Result Columns:**
 - Heading:** Path
 - Include Link?**: true

2. Add following result column
 1. “ACS Commons Report Build Path Column” => add Heading: “Path” and select “Include Link?”
4. Preview or download the report as CSV to check the results for given content path.

Preview files pending post-processing report



EXTENDED REPORTS

The screenshot shows a web-based reporting interface for AEM. At the top, there's a navigation bar with the text "Adobe Experience Manager/ACS AEM Commons / Reports/ Pending Post Processing". Below the header, the main title "Pending Post Processing" is centered. Underneath the title, there's a link labeled "All Results". Further down, there are two prominent buttons: "Execute Report" and "Download Report", with "Download Report" being highlighted by a red rectangular border. A horizontal line separates this from the results section. The results are titled "Results 1 - 2" and are presented in a table format. The columns are labeled "# PATH". Two items are listed:

#	PATH
1	/content/dam/en/demo/Demo-topic/demo-topic-pr1.dita/jcr:content
2	/content/dam/en/demo/Demo-topic/demo-topic-pr2.dita/jcr:content

Asset Reports

AEM Assets provides an enterprise level reporting framework that scales for large repositories through an intuitive user experience.

AEM Asset Reports can be accessed by browsing to **Tools > Assets > Reports**

You can create different types of reports from this interface

More details are given in this short video: [Assets Reports overview](#)



Chapter 3 Customized Reports

Generating a report of versions, check-in comments and labels

Use this procedure to generate a report of versions, check-in comments, and labels for the current files in a folder and its subfolders.

1. Log in to the AEM Web UI.
2. From the landing page of the AEM Web UI, click on the **Tools** icon (hammer).
3. From the left rail, select **Guides**.
4. On the displayed page, select the **Version Comments** tile.
5. From the left rail, click the **Browse** button. Navigate to the highest-level folder for the files to include in the report.

Always navigate to a folder that is deeper in the folder structure than the /content/Assets/en/ folder, such as content/Assets/en/Apollo or content/Assets/en/demo.

Do not select the folders content, /content/Assets, or content/Assets/en because doing so will take up significant system resources; the **Version Comments** tool would need to traverse every asset in the AEM repository.

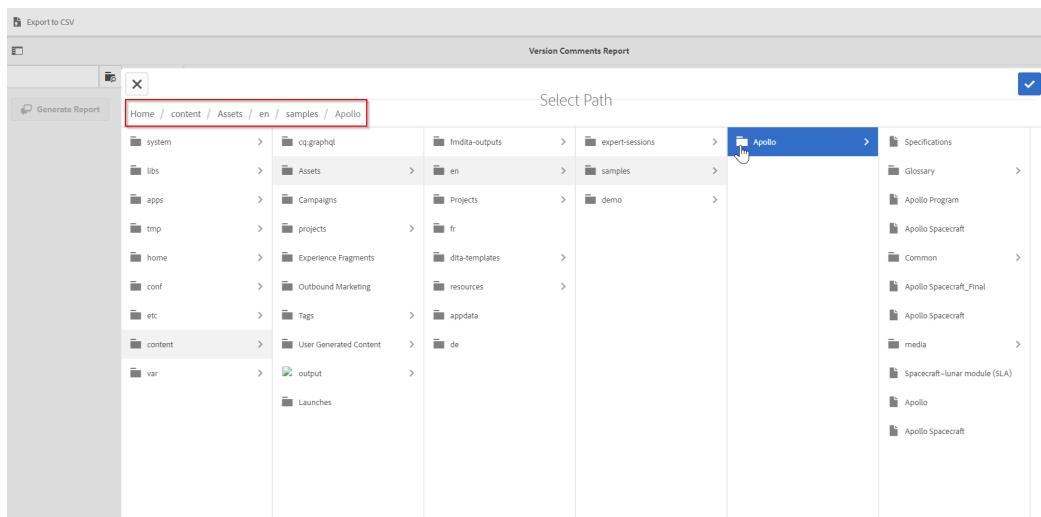
The navigation path begins with content/Assets, for example: /content/Assets/en/Apollo.

You must select folders in the navigation path. Folders are represented with a folder icon, as shown in the following figure.

Browse to folder - example



CUSTOMIZED REPORTS



6. When you have selected the highest-level folder, click the check mark icon in the top right of the **Select Path** modal.
7. In the left rail, click **Generate Report**.
The report is generated and is displayed in the AEM Web UI. It can take up to several minutes to display results, depending on the number of subfolders. If prompted, click **Wait** in the Page Unresponsive message box.

Comments report - example

Version Comments Report			
Details		Comment	Labels
Title	UUID	Version	
Launch escape tower		1.0	
Boost protective cover		1.0	
Q-ball cover		1.0	release1
Glossaries		1.0	release1
Nose cone and Q-ball		1.0	release1
Tower jettison motor		1.1	release1
		ready for release 1	

Exporting results to a CSV file

The following steps are optional. If you would like to, for example, distribute the report to team members or filter the results in Excel, you can export the results to a CSV file.

8. If you want to export the results to a CSV file, click **Export to CSV**.
The resulting file is saved to your default download folder with filename *ContentVersionCommentsReport.csv*.
9. Open the downloaded file in Excel.
10. To filter results by one of the columns, do the following:
 1. Expand the columns to make them readable.
 2. Select the first row by clicking on the **1** in the margin to the left of the headings File Title, File Path and so on. Select the **Data** menu and then the **Filter** button. Drop-down arrows appear for the cells in the first row.
 3. Click the drop-down arrow to the right of the heading that corresponds to the column you want to use to filter the report. Deselect the entries for results you want to hide in the filtered output. You should deselect **Blanks**.

Excel filter



A	B	C	D	E
File Title	File Path	Current Version	Current Version Comment	Current Version Label
1 Launch escape tower	/content/dam/en/samples/apollo/glossary/Launch-escape-tower.dita			
2 Boost protective cover	/content/dam/en/samples/apollo/glossary/Boost-protective-cover.dita			
3 Q-ball cover	/content/dam/en/samples/apollo/glossary/Q-ball-cover.dita			
4 Glossaries	/content/dam/en/samples/apollo/glossary/Glossaries.ditamap			
5 Nose cone and Q-ball	/content/dam/en/samples/apollo/glossary/Nose-cone-and-Q-ball.dita			
6 Tower jettison motor	/content/dam/en/samples/apollo/glossary/Tower-jettison-motor.dita			
7 Adapter	/content/dam/en/samples/apollo/glossary/Adapter.dita			
8 Canard assembly and pitch motor	/content/dam/en/samples/apollo/glossary/Canard-assembly-and-pitch-motor.dita			
9 Launch escape motor	/content/dam/en/samples/apollo/glossary/Launch-escape-motor.dita			
10				
11				
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17				
18				
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20				
21				
22				
23				
24				

The spreadsheet view is updated according to the filter selections to show the required row entries.





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