



Crownpeak DQM Plug-in for AEM 6.2

Upgrade Instructions

January 2017

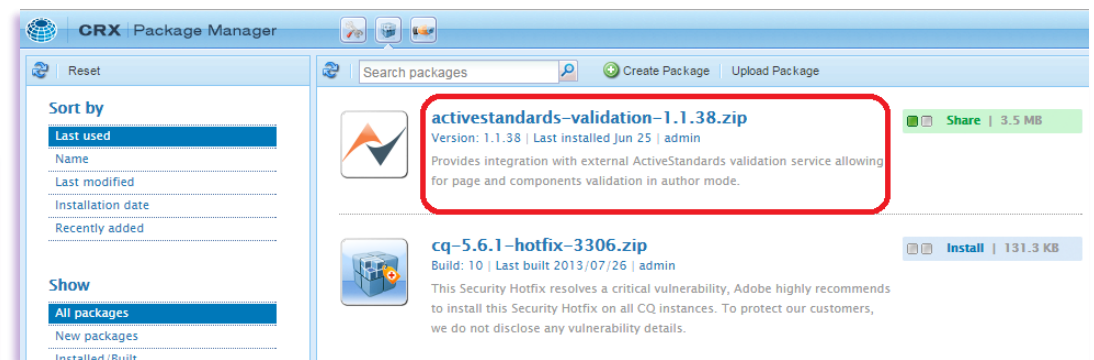
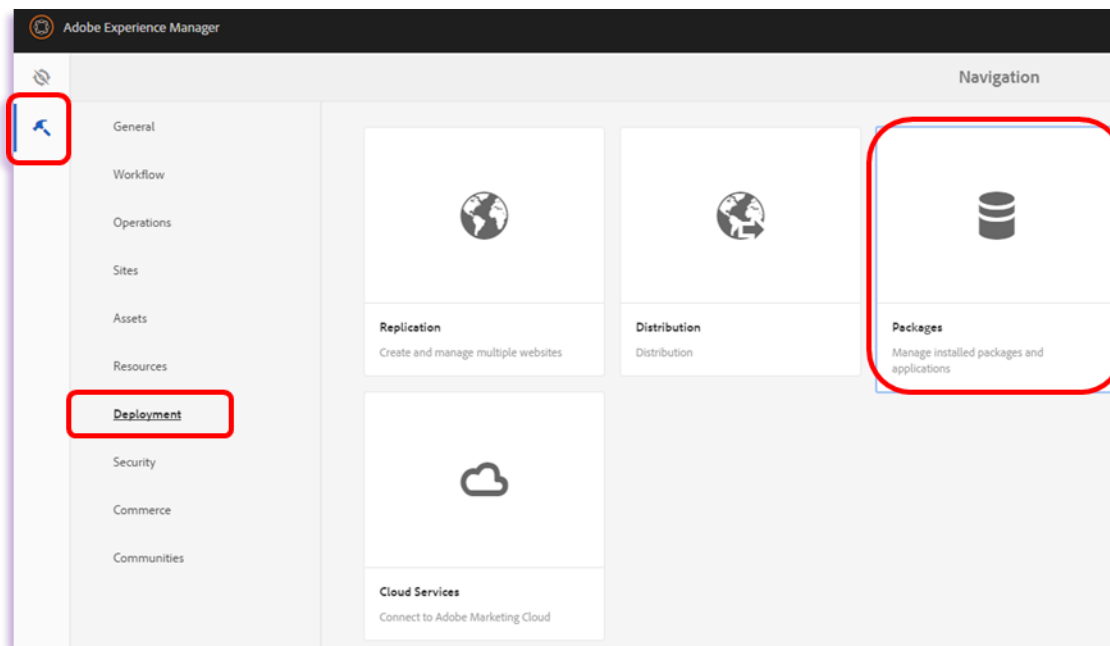
Requirements

- ✓ AEM version 6.2
- ✓ Admin access on your AEM instance
- ✓ Crownpeak API Key
- ✓ Crownpeak configured Website ID

1 Delete the Existing Plug-in

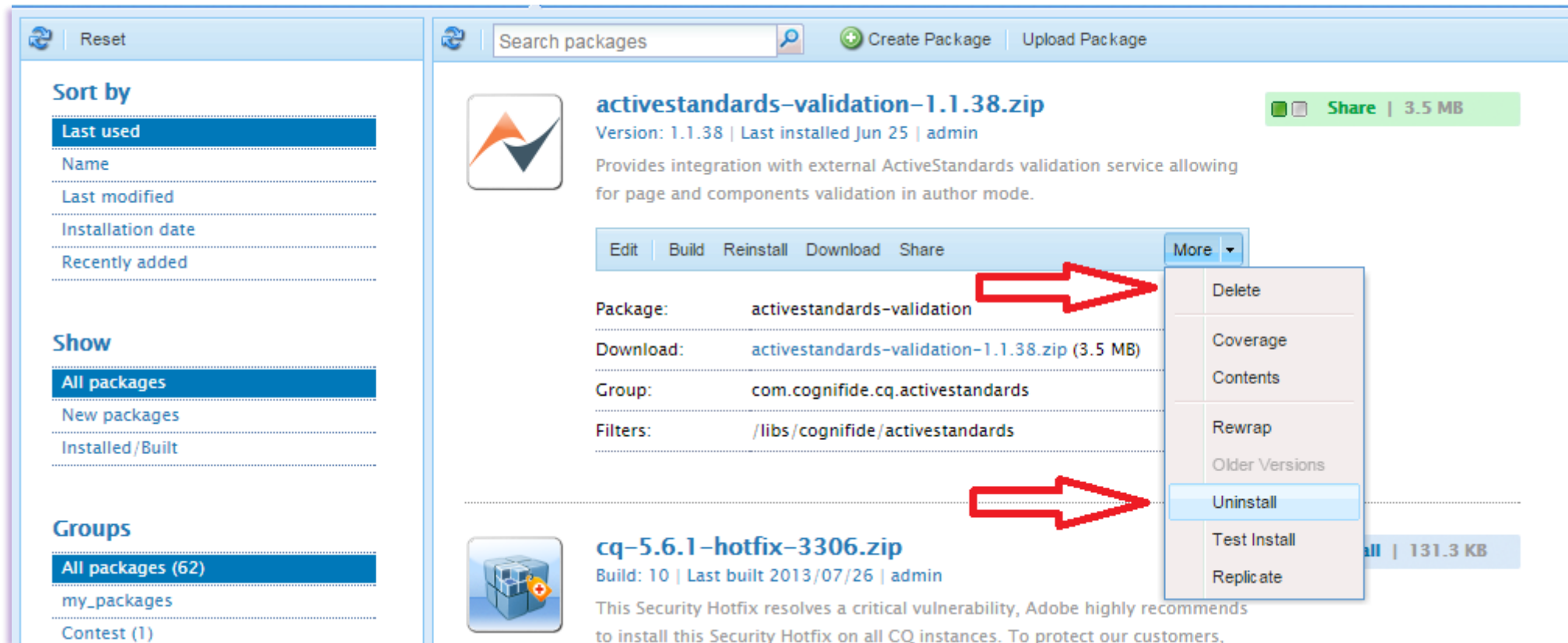
1.1 Uninstall & Delete Existing Package

1. Log in to your AEM instance with administration credentials.
2. Navigate to *Tools > Deployment > Packages*.
3. On the *CRX Package Manager* screen click on the existing connector:



1.2 Uninstall & Delete Existing Package

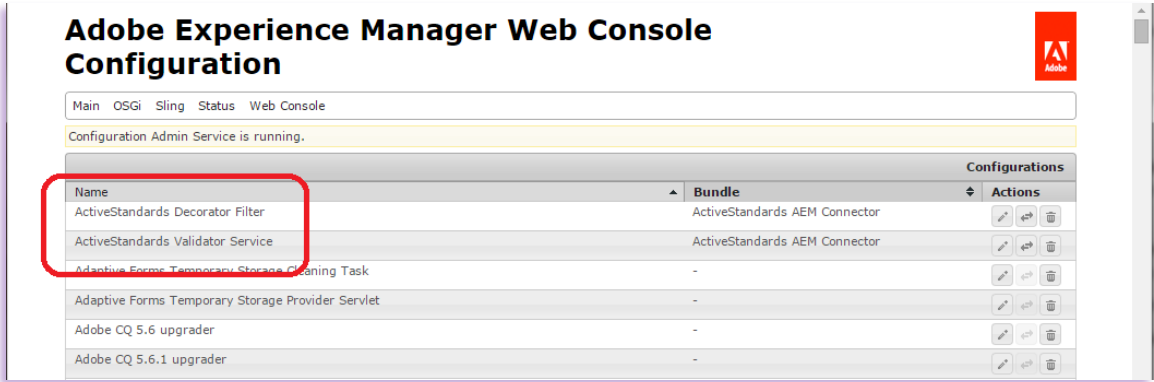
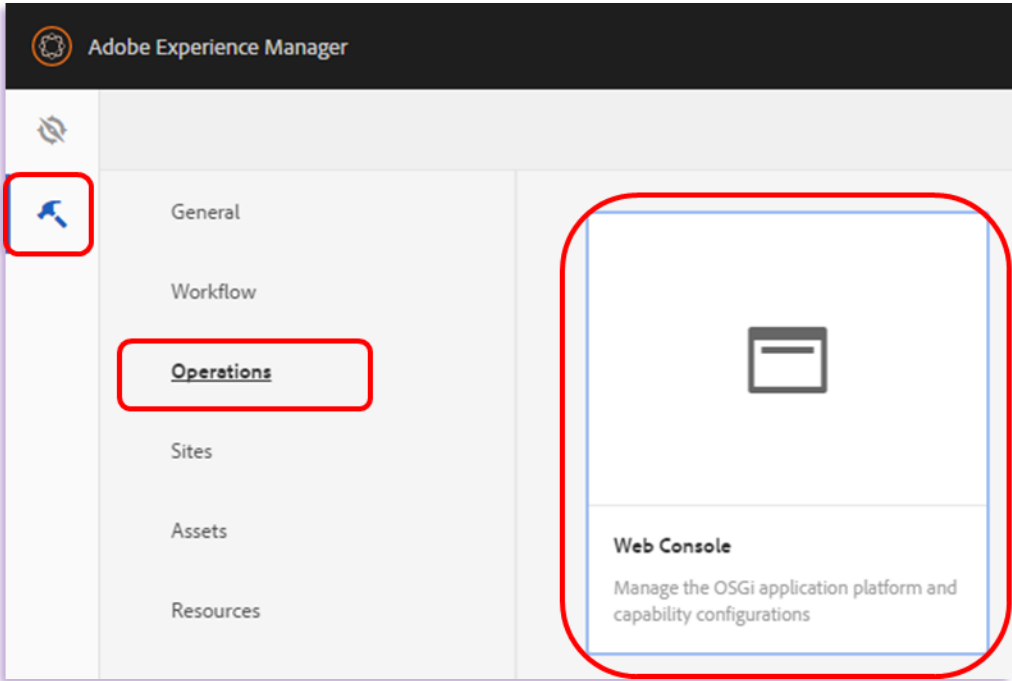
4. Uninstall and then delete the package:



The screenshot displays the CrownPeak package management interface. On the left, there are navigation options for 'Sort by' (Last used, Name, Last modified, Installation date, Recently added) and 'Show' (All packages, New packages, Installed/Built). Below that are 'Groups' (All packages (62), my_packages, Contest (1)). The main area shows a search bar and buttons for 'Create Package' and 'Upload Package'. The selected package is 'activestandards-validation-1.1.38.zip', version 1.1.38, last installed on Jun 25 by admin. It provides integration with external ActiveStandards validation service. A 'More' dropdown menu is open, showing options: Delete, Coverage, Contents, Rewrap, Older Versions, Uninstall, Test Install, and Replicate. Red arrows point to the 'More' button and the 'Uninstall' option. Below it, another package 'cq-5.6.1-hotfix-3306.zip' is partially visible.

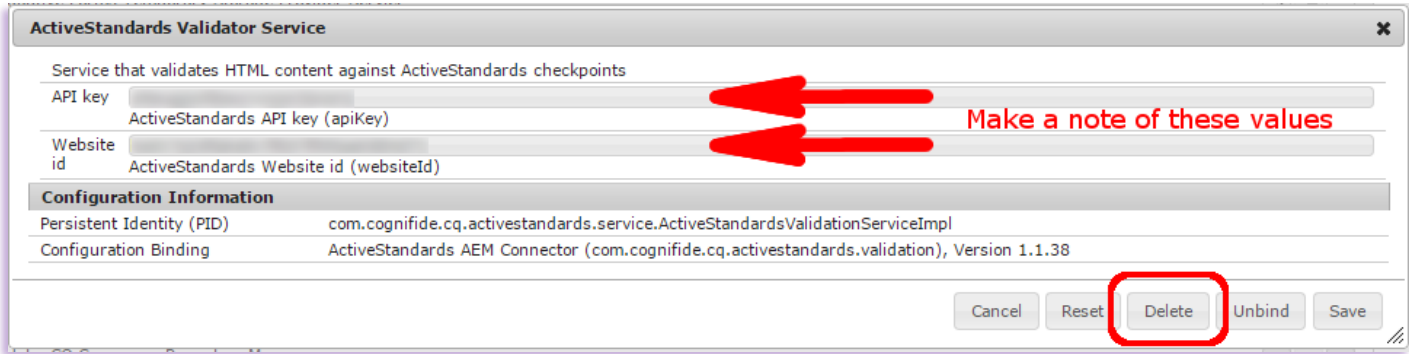
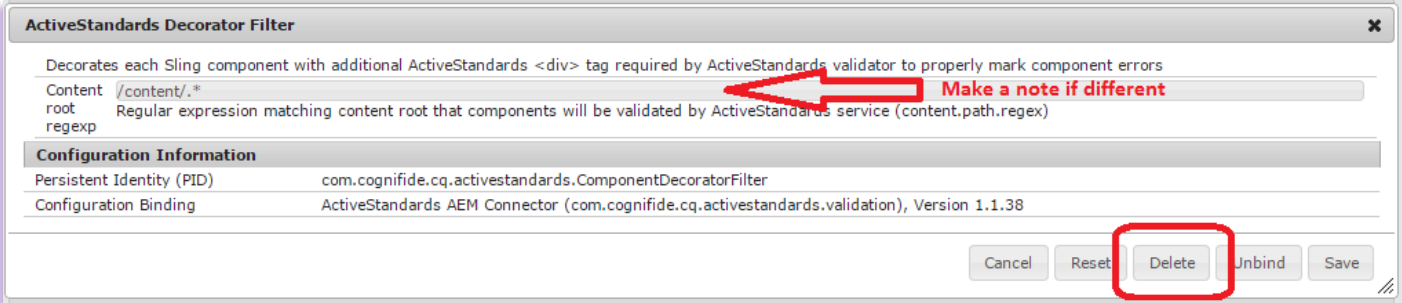
1.3 Delete Bindings

- 5. Navigate to *Tools > Operations > Web Console*.
- 6. Locate the *Decorator Filter* and *Validator Service* fields:



1.4 Delete Bindings

- 7. Open the *Decorator Filter* - Make a note of the details contained in the input field (i.e. copy & paste to Notepad) then **delete***.
- 8. Do the same with *Validator Service*:



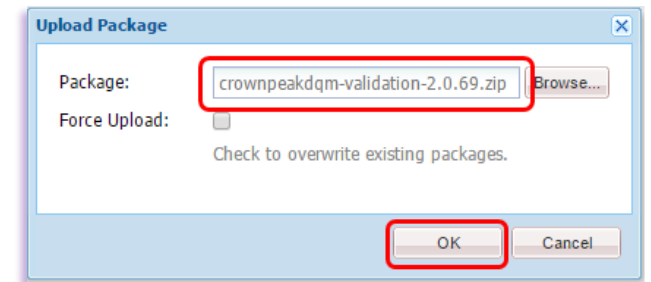
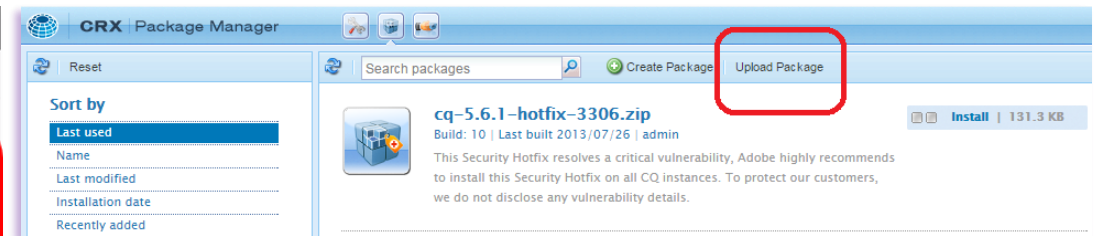
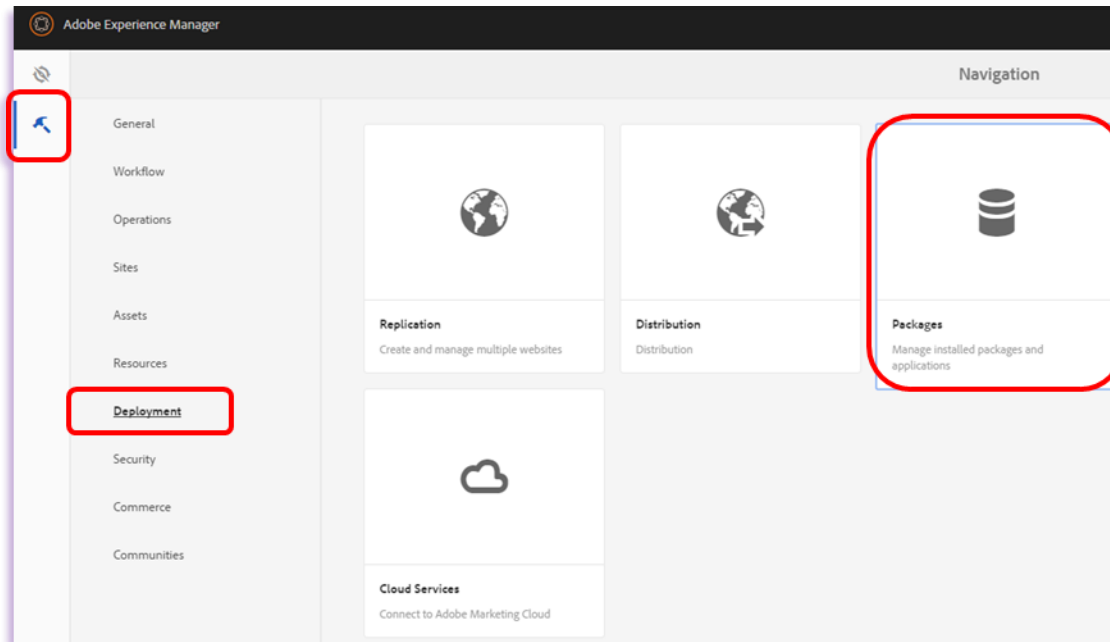
*This might not delete the record from the Web Console but should clear any binding

2 Install the New Plug-in

2.1 Upload & Install New Package



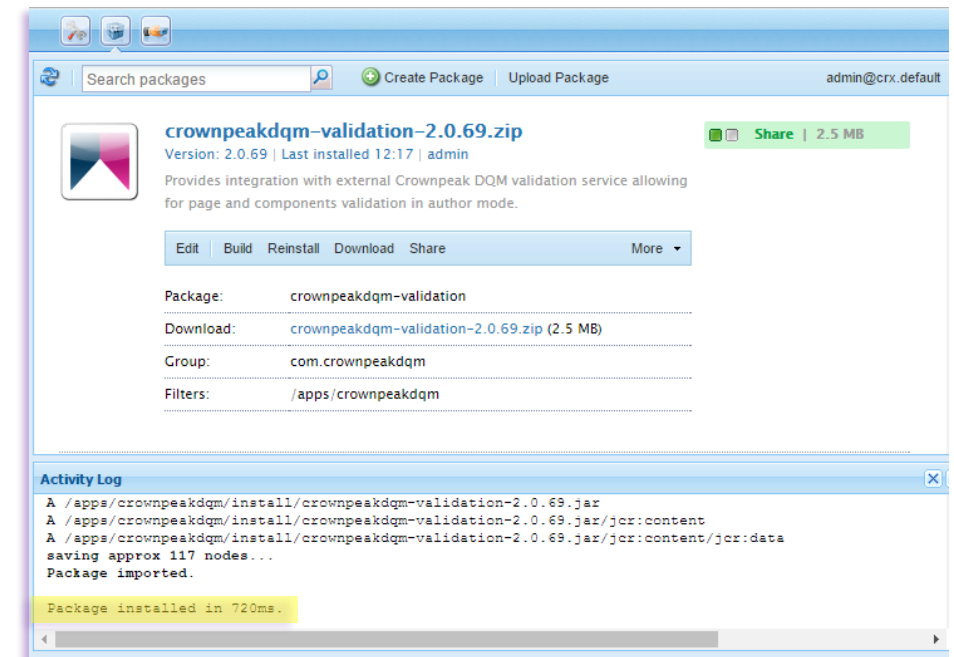
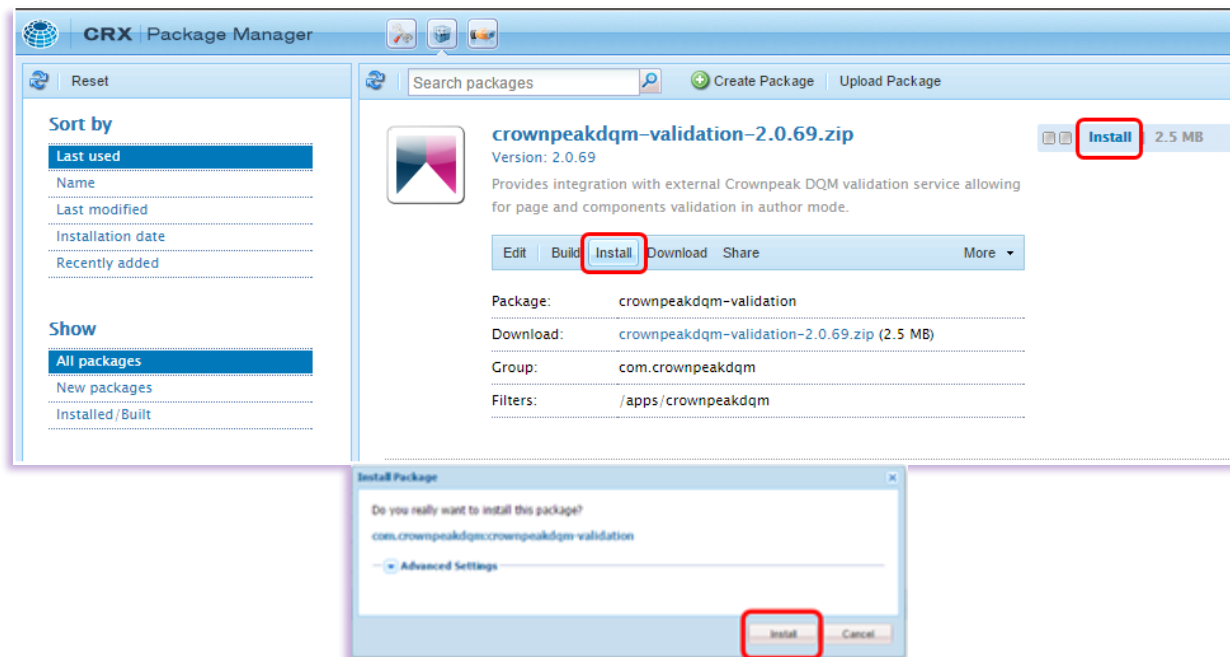
1. Navigate to *Tools > Deployment > Packages*.
2. On the *CRX Package Manager* screen click *Upload Package*.
3. Locate the new package* (*crownpeakdqm-validation-x.x.x.zip*) in your local drive and click *OK*:



**You should have received a link to download the latest .zip package from a member of the Crownpeak team, along with a new API key and Website ID.*

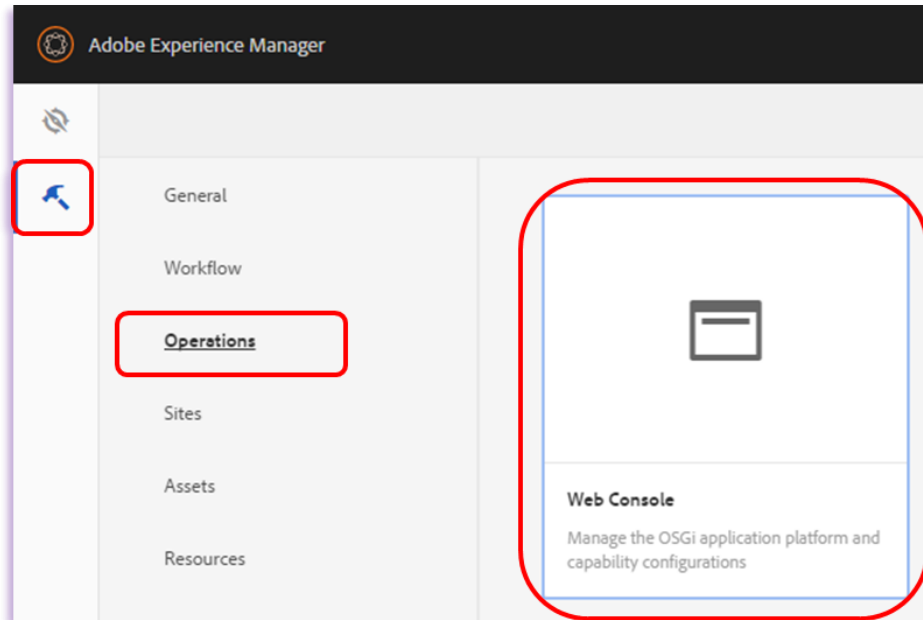
2.2 Upload & Install New Package

4. Once the package has uploaded it should appear in the Package Manager.
5. Click *Install* on either of the two buttons, then confirm the installation in the pop-up window (Advanced settings are not required).
6. The Activity Log will confirm when the package installation is complete:



2.3 Configure Bindings

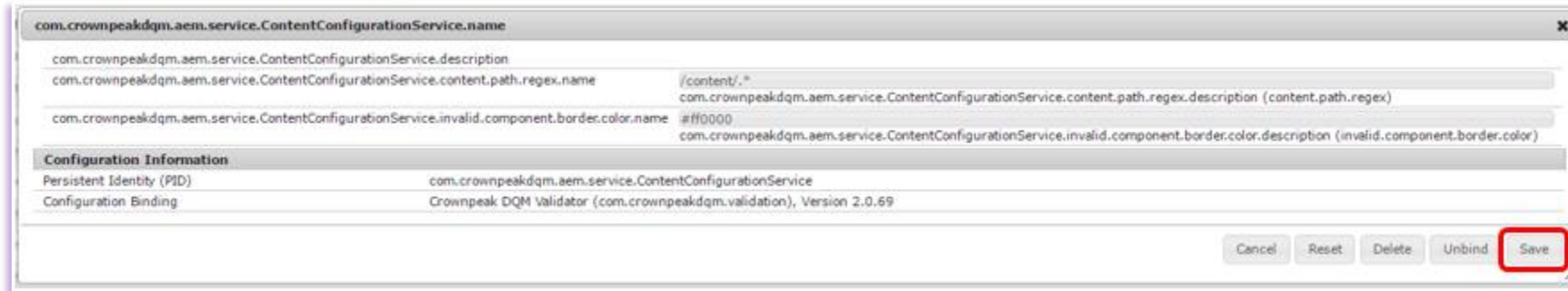
7. Navigate to *Tools > Operations > Web Console*.
8. Locate the *Crownpeak DQM Validator* fields:



Day CQ Root Mapping	Library	
	Day Communique 5 Commons	
	Library	
com.crownpeakdqm.aem.service.ContentConfigurationService.name	Crownpeak DQM Validator	
com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.name	Crownpeak DQM Validator	
Apache Sling Thread Pool Configuration	-	
Apache Sling Tenant Provider	Apache Sling Tenant	

2.4 Configure Bindings

9. Open the *ContentConfigurationService* field, leave the default values as they are and click **Save**:



The screenshot shows a configuration dialog box for `com.crownpeakdqm.aem.service.ContentConfigurationService.name`. The dialog contains several fields with their respective descriptions and values:

- `com.crownpeakdqm.aem.service.ContentConfigurationService.description`
- `com.crownpeakdqm.aem.service.ContentConfigurationService.content.path.regex.name` with value `/content/.*`
- `com.crownpeakdqm.aem.service.ContentConfigurationService.content.path.regex.description` (content.path.regex)
- `com.crownpeakdqm.aem.service.ContentConfigurationService.invalid.component.border.color.name` with value `#ff0000`
- `com.crownpeakdqm.aem.service.ContentConfigurationService.invalid.component.border.color.description` (invalid.component.border.color)

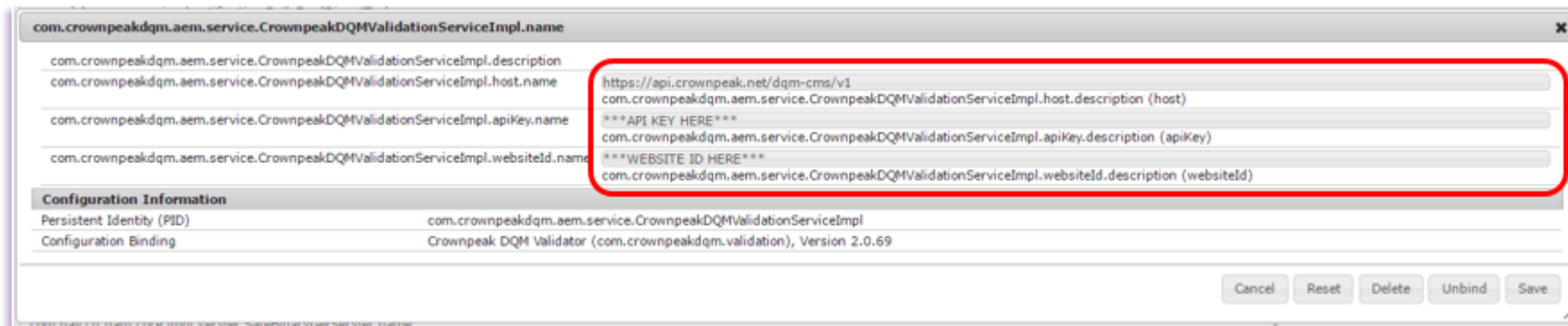
Below these fields is a **Configuration Information** section:

- Persistent Identity (PID): `com.crownpeakdqm.aem.service.ContentConfigurationService`
- Configuration Binding: `Crownpeak DQM Validator (com.crownpeakdqm.validation), Version 2.0.69`

At the bottom right, there are buttons for `Cancel`, `Reset`, `Delete`, `Unbind`, and `Save`. The `Save` button is highlighted with a red box.

10. Open the *CrownpeakDQMValidationServiceImpl* field, enter the following information and then click **Save**:

- Host Domain - <https://api.crownpeak.net/dqm-cms/v1>
- API Key (Provided by your Crownpeak contact)
- Website ID (Provided by your Crownpeak contact)



The screenshot shows a configuration dialog box for `com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.name`. The dialog contains several fields with their respective descriptions and values:

- `com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.description`
- `com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.host.name` with value `https://api.crownpeak.net/dqm-cms/v1`
- `com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.host.description` (host)
- `com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.apiKey.name` with value `***API KEY HERE***`
- `com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.apiKey.description` (apiKey)
- `com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.websiteId.name` with value `***WEBSITE ID HERE***`
- `com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.websiteId.description` (websiteId)

Below these fields is a **Configuration Information** section:

- Persistent Identity (PID): `com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl`
- Configuration Binding: `Crownpeak DQM Validator (com.crownpeakdqm.validation), Version 2.0.69`

At the bottom right, there are buttons for `Cancel`, `Reset`, `Delete`, `Unbind`, and `Save`. The `Save` button is highlighted with a red box.

3 Using the DQM Plug-in (Classic UI)

3.1 Enable the Plug-in (Classic UI)



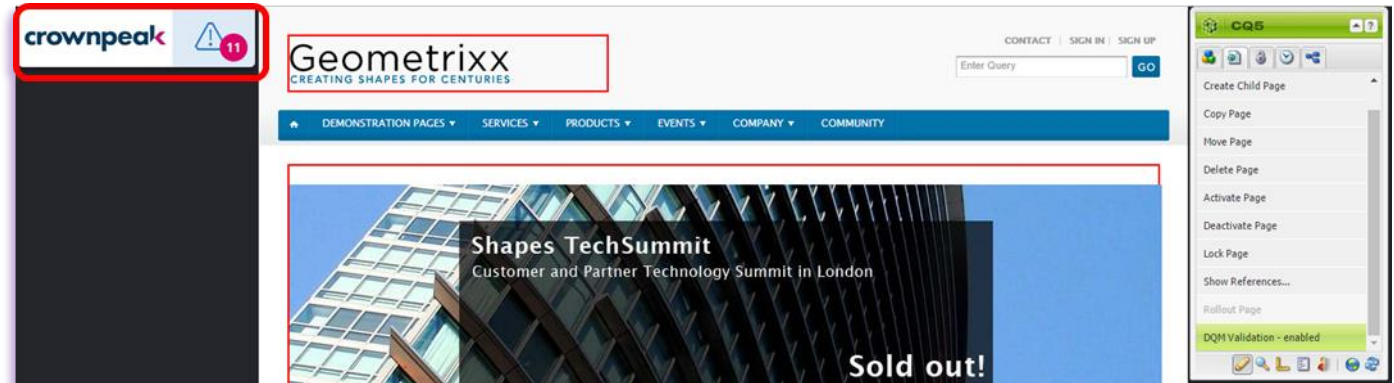
1. Open a page in *Edit* mode within AEM.
2. Click the *Page* tab in the Sidekick
3. Click *DQM Validation*



3.2 Run DQM Validation (Classic UI)



- Once *DQM Validation* is enabled, a pulldown tab will appear which indicates the number of issues on the page.



- Click the tab to display the list of issues on the page

Crownpeak DQM has found 11 issues on this page

Issues highlighted on page	General issues
Paragraphs should be no longer than 100 words in length (x1) Inspect	All pages should contain an <h1> heading
Do not use meaningless phrases such as "click here" or "... (x2) Inspect	Pages should contain metadata description
Image "alt" text should contain more than one word (x2) Inspect	* The title tag should contain the company name Inspect
	Pages should specify the natural language of a document
	All pages should contain a privacy link
	All pages should contain a link to cookies policy

3.3 Issue Highlighting (Classic UI)



Page View

- On-page issues that are listed will also be highlighted on the page itself.

Crownpeak DQM has found 11 issues on this page

Issues highlighted on page	General issues
Paragraphs should be no longer than 100 words in length (x1) Inspect	All pages should contain an <h1> heading
Do not use meaningless phrases such as "click here" or "... (x2) Inspect	Pages should contain metadata description
Image "alt" text should contain more than one word (x2) Inspect	* The title tag should contain the company name Inspect
	Pages should specify the natural language of a document
	All pages should contain a privacy link
	All pages should contain a link to cookies policy

This is a link with a meaningless title: activestandards website click here
Not something we'd like our customers to see from a usability and accessibility point of view
Do not use meaningless phrases such as "click here" or "more" as entire link text

Source View

- Clicking *Inspect* on an issue will also display it in the page source code.
- If there is more than one occurrence of the issue, you can scroll through each one by clicking *Previous* or *Next*.

Previous | Next

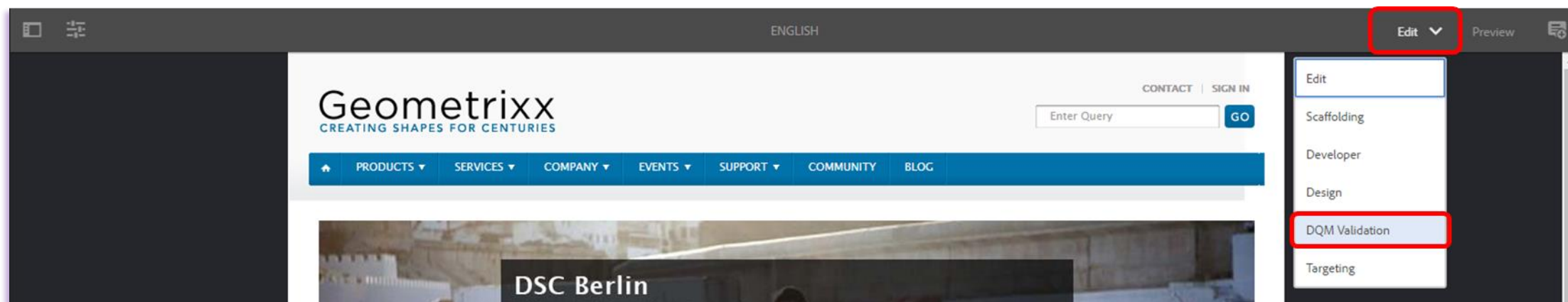
```
264. <p
265.   style="font-family: tahoma , arial , helvetica , sans-serif;font-size: 12.0px;">This is a link with a meaningless title: activestandards website <a href="http://www.google.co.uk">click here</a></p>
266.
267. <p style="font-family: tahoma , arial , helvetica , sans-serif;font-size: 12.0px;">Not something we'd like our customers to see from a usability and accessibility&nbsp;point of view</p>
```


4 Using the DQM Plug-in (Touch UI)

4.1 Enable the Plug-in (Touch UI)



1. Open a page in *Edit* mode within AEM.
2. Click the *Edit* drop-down menu on the right hand side.
3. Click *DQM Validation*:



4.2 Run DQM Validation (Touch UI)



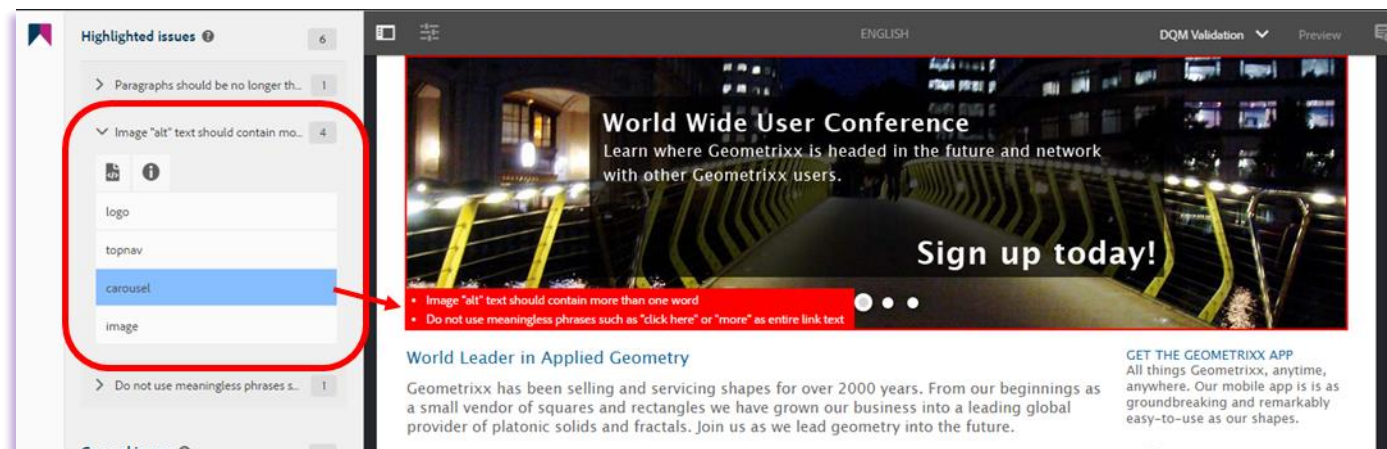
- Once *DQM Validation* is enabled, a menu will appear on the left hand side, which lists the issues on the page.

The screenshot displays a web browser interface with a dark header. The page title is "Geometrixx" with the tagline "CREATING SHAPES FOR CENTURIES". The header includes navigation links for PRODUCTS, SERVICES, COMPANY, EVENTS, SUPPORT, COMMUNITY, and BLOG. A search bar is present with the text "Enter Query" and a "GO" button. The main content area features a large banner for "ummit" (Technology Summit in London) with a "Sold out!" message. Below the banner, there is a section titled "World Leader in Applied Geometry" with a paragraph of text. To the right, there is a section titled "GET THE GEOMETRIX APP" with a paragraph of text and an image of a smartphone displaying the Geometrix app. On the left side of the browser window, a sidebar menu is visible, listing "Highlighted issues" (6) and "General issues" (7). The "Highlighted issues" list includes: "Paragraphs should be no longer th..." (1), "Image 'alt' text should contain mo..." (4), and "Do not use meaningless phrases s..." (1). The "General issues" list includes: "All pages should contain an <h1> ..." (1), "All pages should contain a link to c..." (1), "All pages should contain a privacy ..." (1), "* Page titles should be populated ..." (1), "* The title tag should contain the c..." (1), "Pages should contain metadata de..." (1), and "Pages should specify the natural la..." (1). The Crownpeak logo is visible in the bottom left corner of the browser window.

4.3 Issue Highlighting (Touch UI)

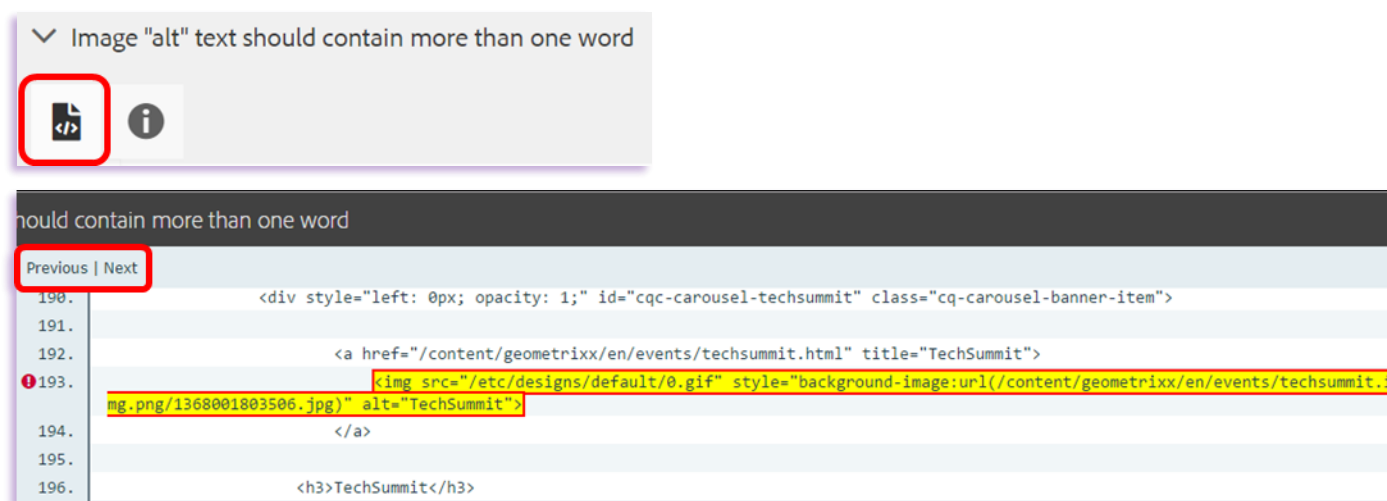
Page View

- Clicking on a particular issue will display where it is highlighted on the page.



Source View

- Clicking the *Source View* icon on an issue will also display it in the page source code.
- If there is more than one occurrence of the issue, you can scroll through each one by clicking *Previous* or *Next*.



Thank You

If you experience any problems, or have any questions regarding the DQM Plug-in please contact Crownpeak Support using the details below.

Crownpeak DQM Support

dqmhelp@crownpeak.com | crownpeak.com/support