



# Crownpeak DQM Plug-in for AEM 6.2

Installation Guide

February 2017

# Requirements

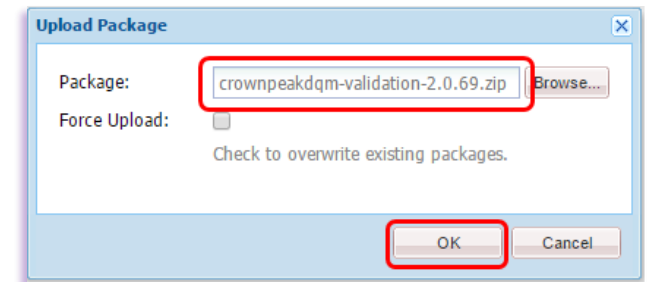
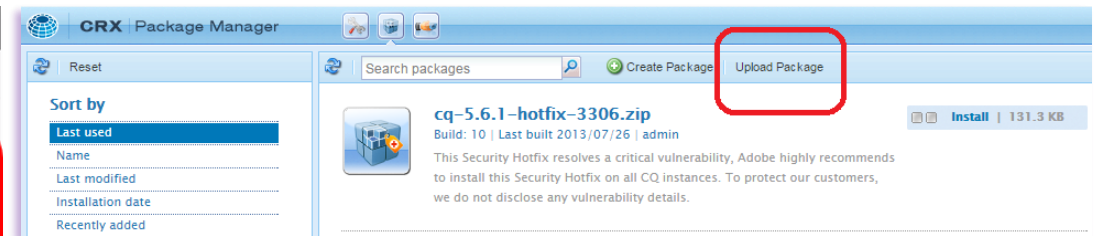
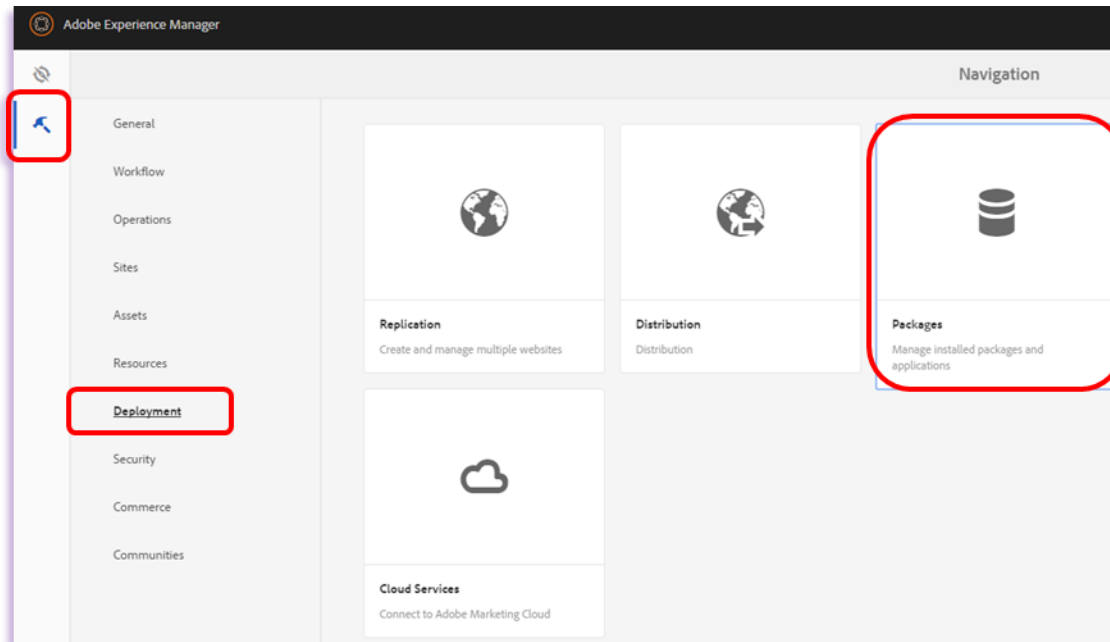
- ✓ AEM version 6.2
- ✓ Admin access on your AEM instance
- ✓ Crownpeak API Key
- ✓ Crownpeak configured Website ID

# 1 Install the New Plug-in

# 1.1 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*:

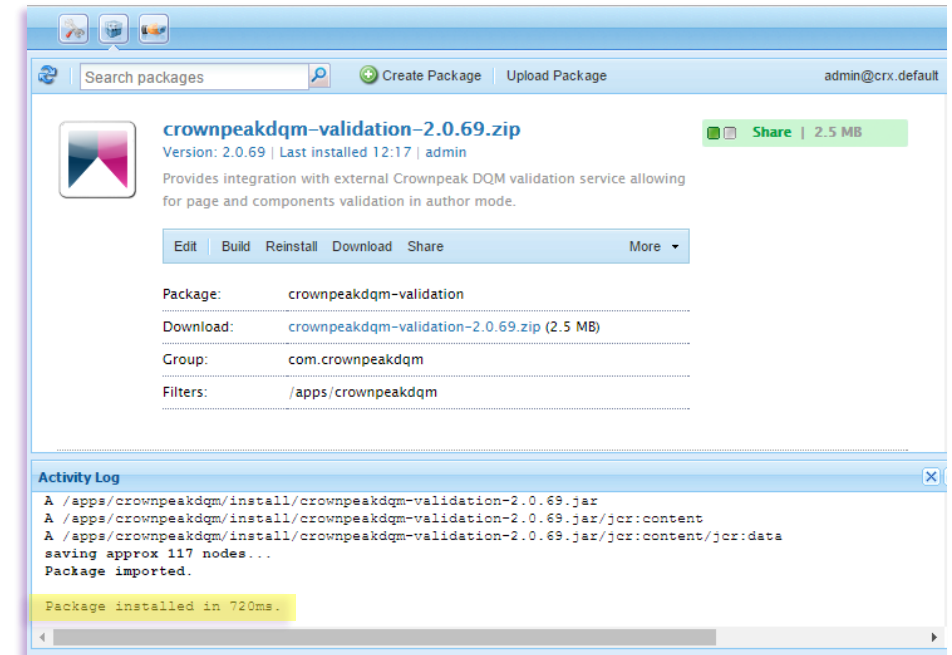
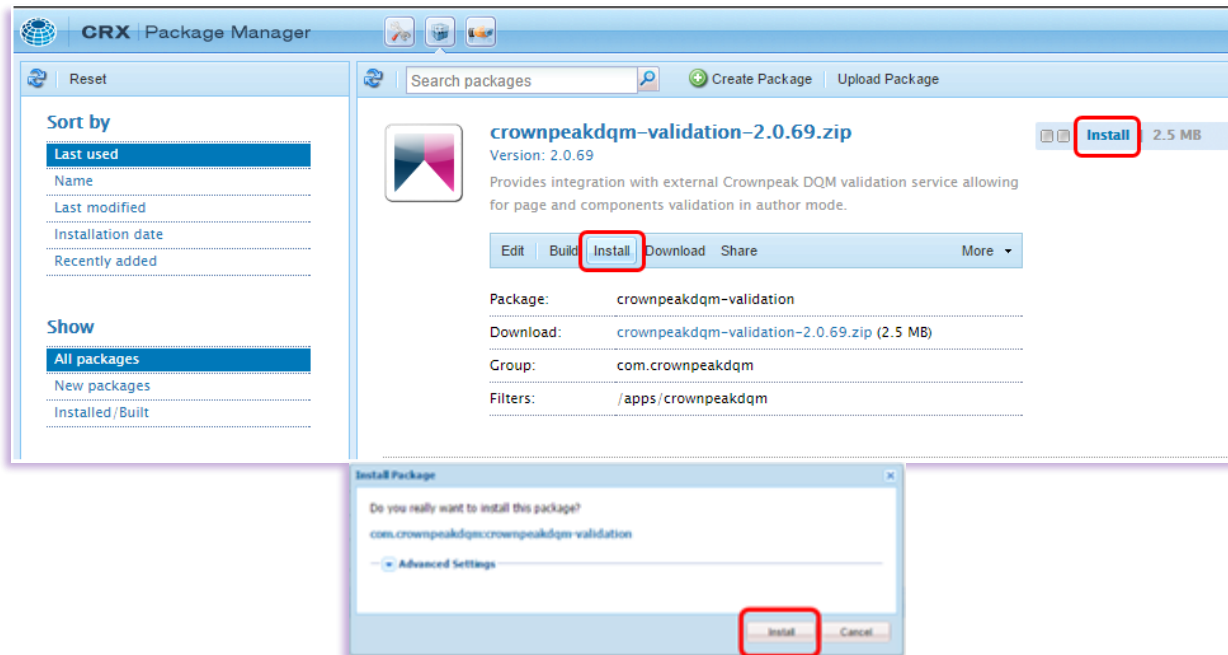


*\*You should have received a link to download the latest .zip package from a member of the Crownpeak team, along with a new API key and Website ID.*

# 1.2 Upload & Install New Package

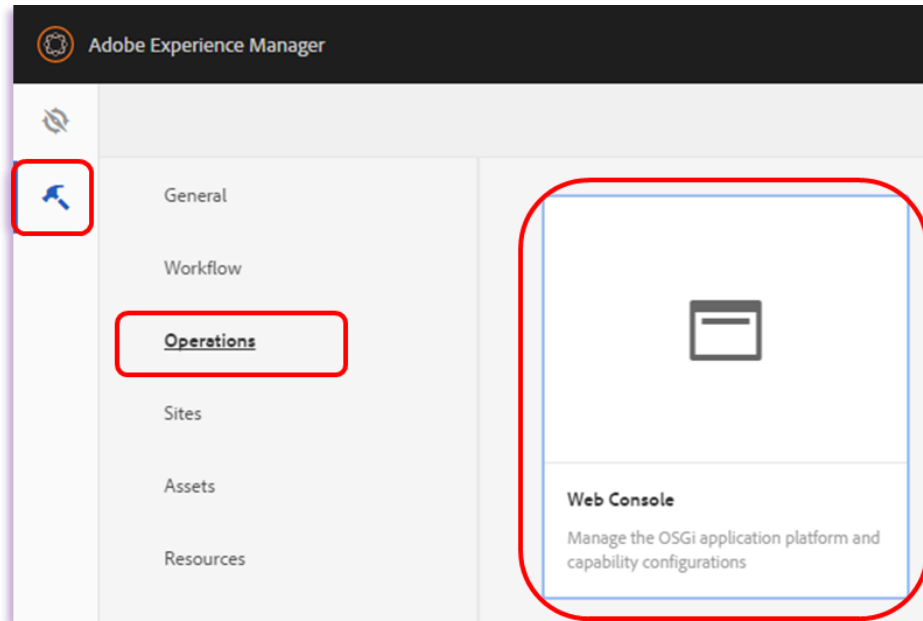


4. Once the package has uploaded it should appear in the Package Manager.
5. Click *Install* on either of the two buttons, then confirm the installation in the pop-up window (Advanced settings are not required).
6. The Activity Log will confirm when the package installation is complete:



# 1.3 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	

# 1.4 Configure Bindings

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

com.crownpeakdqm.aem.service.ContentConfigurationService.name

com.crownpeakdqm.aem.service.ContentConfigurationService.description

com.crownpeakdqm.aem.service.ContentConfigurationService.content.path.regex.name /content/.\*

com.crownpeakdqm.aem.service.ContentConfigurationService.content.path.regex.description (content.path.regex)

com.crownpeakdqm.aem.service.ContentConfigurationService.invalid.component.border.color.name #ff0000

com.crownpeakdqm.aem.service.ContentConfigurationService.invalid.component.border.color.description (invalid.component.border.color)

**Configuration Information**

Persistent Identity (PID) com.crownpeakdqm.aem.service.ContentConfigurationService

Configuration Binding Crownpeak DQM Validator (com.crownpeakdqm.validation), Version 2.0.69

Cancel Reset Delete Unbind **Save**

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)

com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.name

com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.description

com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.host.name https://api.crownpeak.net/dqm-cms/v1

com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.host.description (host)

com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.apiKey.name \*\*\*API KEY HERE\*\*\*

com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.apiKey.description (apiKey)

com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.websiteId.name \*\*\*WEBSITE ID HERE\*\*\*

com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl.websiteId.description (websiteId)

**Configuration Information**

Persistent Identity (PID) com.crownpeakdqm.aem.service.CrownpeakDQMValidationServiceImpl

Configuration Binding Crownpeak DQM Validator (com.crownpeakdqm.validation), Version 2.0.69

Cancel Reset Delete Unbind Save

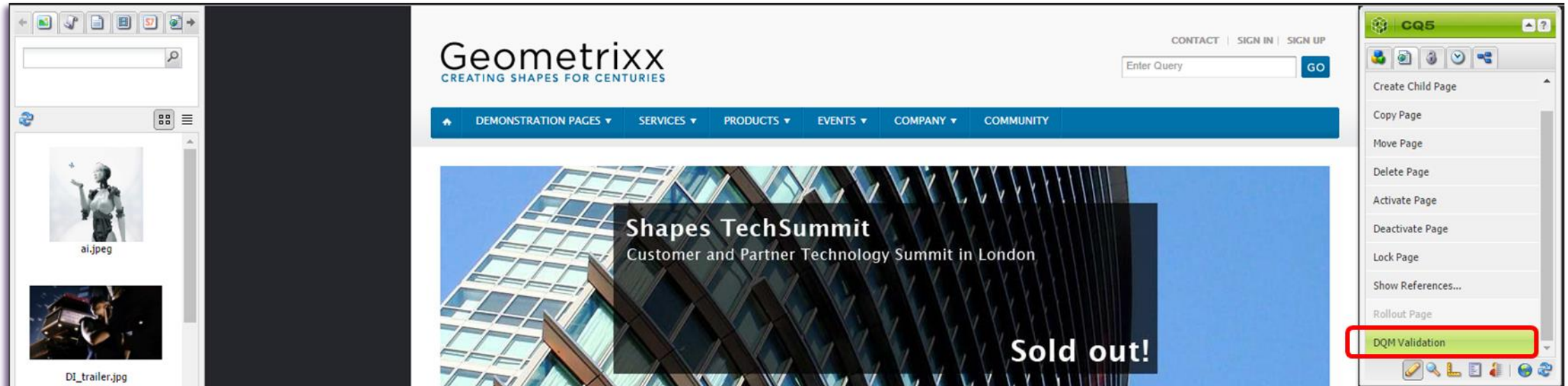
## 2 Using the DQM Plug-in (Classic UI)



## 2.1 Enable the Plug-in (Classic UI)



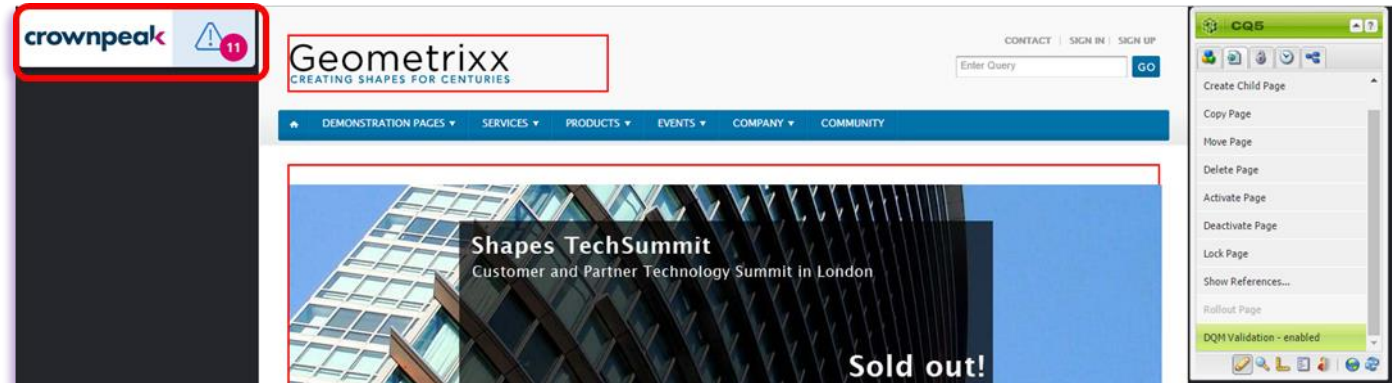
1. Open a page in *Edit* mode within AEM.
2. Click the *Page* tab in the Sidekick
3. Click *DQM Validation*



## 2.2 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**

Paragraphs should be no longer than 100 words in length	(x1)	Inspect
Do not use meaningless phrases such as "click here" or "..."	(x2)	Inspect
Image "alt" text should contain more than one word	(x2)	Inspect

**General issues**

- All pages should contain an <h1> heading
- Pages should contain metadata description
- \* 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

## 2.3 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) <a href="#">Inspect</a>	All pages should contain an <h1> heading
<b>Do not use meaningless phrases such as "click here" or "... (x2) <a href="#">Inspect</a></b>	Pages should contain metadata description
Image "alt" text should contain more than one word (x2) <a href="#">Inspect</a>	* The title tag should contain the company name <a href="#">Inspect</a>
	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

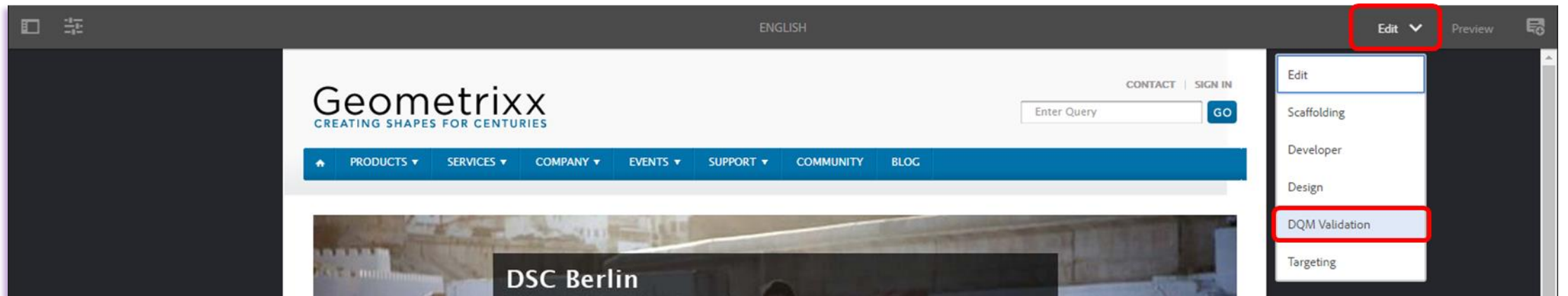
```
264. <p
265.   style="font-family: tahoma , arial , helvetica , sans-serif;font-size: 12.0px;">This is a link with a meaningless title: activestandards website <a href="http://www.google.co.uk">click here</a></p>
266.
267. <p style="font-family: tahoma , arial , helvetica , sans-serif;font-size: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

## 3 Using the DQM Plug-in (Touch UI)

# 3.1 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*:



## 3.2 Run DQM Validation (Touch UI)



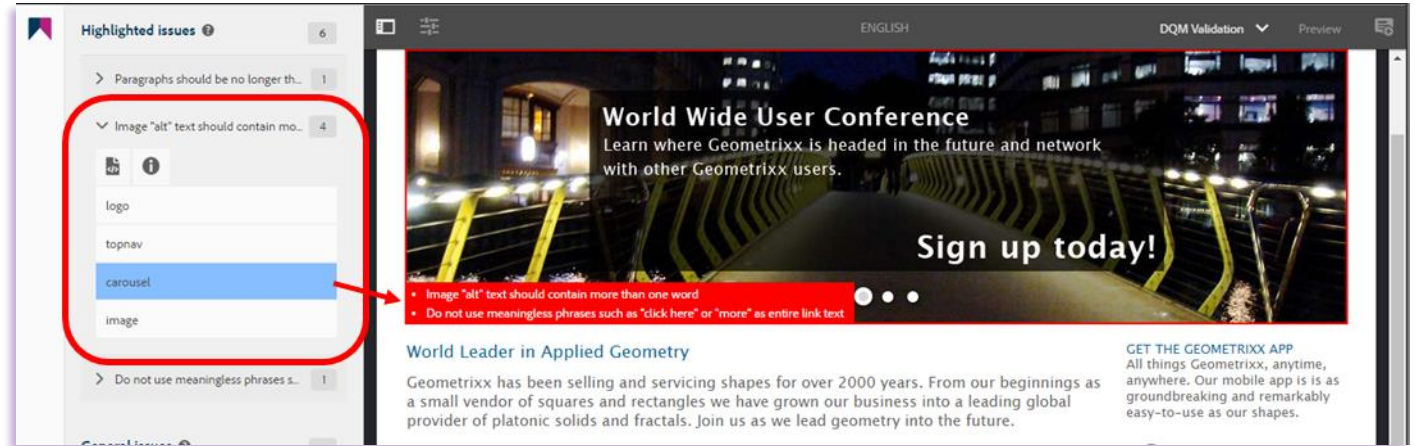
- Once *DQM Validation* is enabled, a menu will appear on the left hand side, which lists the issues on the page.

The screenshot displays a web browser interface with a dark header. On the left, a sidebar titled 'Highlighted issues' shows 6 items: 'Paragraphs should be no longer th...' (1), 'Image "alt" text should contain mo...' (4), and 'Do not use meaningless phrases s...' (1). Below it, 'General issues' shows 7 items: 'All pages should contain an <h1> ...', 'All pages should contain a link to c...', 'All pages should contain a privacy ...', '\* Page titles should be populated ...', '\* The title tag should contain the c...', 'Pages should contain metadata de...', and 'Pages should specify the natural la...'. The main content area shows the Geometrix website with the logo 'Geometrixx CREATING SHAPES FOR CENTURIES', a search bar, and a navigation menu. A large banner features a 'Sold out!' message and a 'World Leader in Applied Geometry' section. A smartphone displaying the Geometrix app is shown in the bottom right corner.

# 3.3 Issue Highlighting (Touch UI)

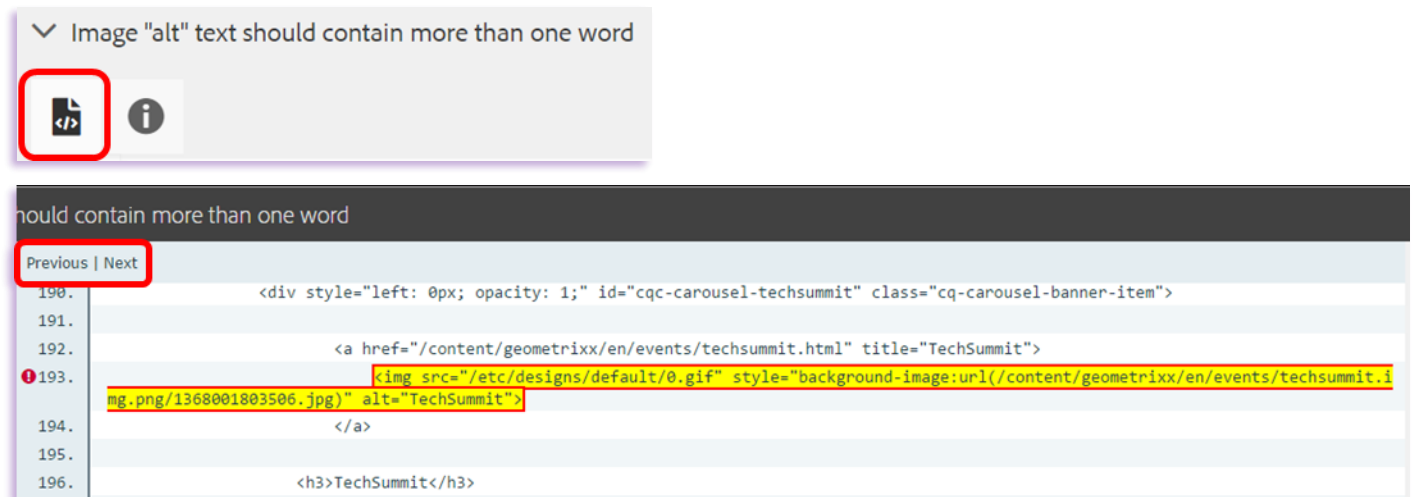
## Page View

- 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**

[dqmhhelp@crownpeak.com](mailto:dqmhhelp@crownpeak.com) | [crownpeak.com/support](https://crownpeak.com/support)