

Webdam Backoffice Functionality

UseCase :

Providing customer a feature to be able to upload images/media from the backoffice.

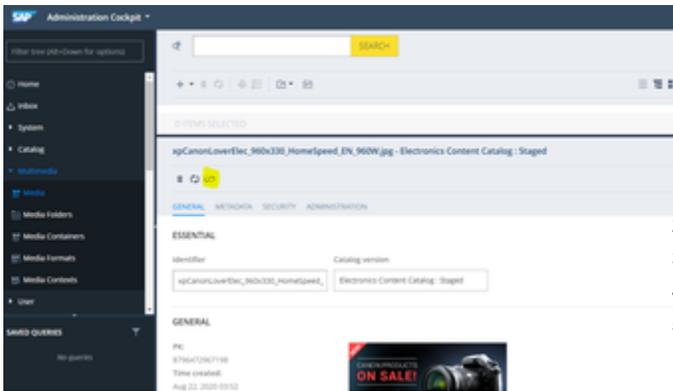
Technical Flow :

Below are the extensions required which are generated to enable this feature.

webdambackoffice	webdamrest
This custom extension is generated from the ybackoffice extension as a template extension to enable the feature in backoffice.	Generated custom extension for Webdam from yempty template to integrate Webdam API services backend logic.

Implementation Details:

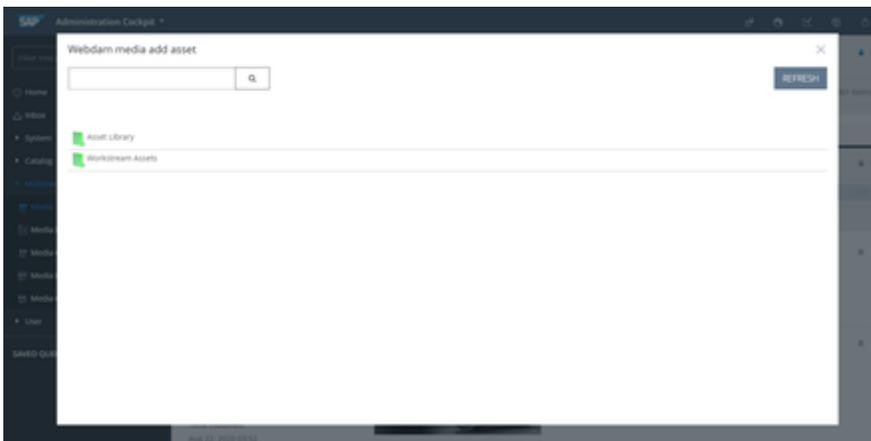
We have created an CTA for the **Media** item so that whenever user open media widget it a CTA appears on the top section along with the delete icon in the form of webdam icon as follows.



Once we click on the icon it will open a pop up to show the results. In the background it will call the service and connect to the Webdam and shows the Root folders which will be listed on the popup window. The popup gives a decent UI to access the webdam components and some basic functionality as follows i.e.

1. View folders and folder assets
2. Search Images by file name with paginations
3. Image preview by Selecting/Clicking on an image
4. Selecting available derivatives and show accordingly
5. Upload image to the Hybris

The popup looks like this ;

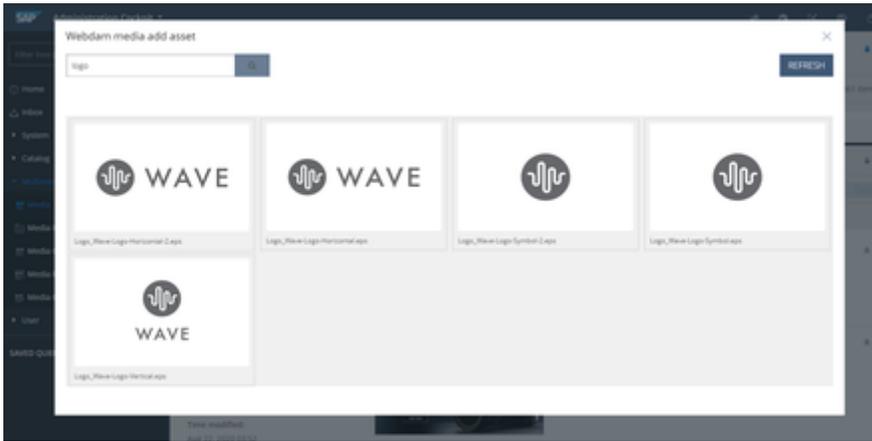


Every action or the functionality provided in this popup are handled in the Controller name : **WebdambackofficeController.java** where all the components are loaded and managed.

For the UI/HTML we use the ZK frame work and for that we created **webdammediarequest.zul** here we add the zk html components and for the custom css we have **webdammediarequest.css**.

Here is the PFA we get the search results and display in the screen

Once we select the Image it previews the image with the derivatives, here is the PFA



Webdam media add asset

logo

Media Code: 108109014

Description:

Name: 1280_QREjZZgpVXI7.png

1280 x 1280

Media URL: https://cdn2.webdamdb.com/1280_QREjZZgpVXI7.png?15936260351593626035



Media Code: 108109014

Description:

Name: 1280_QREjZZgpVXI7.png

1280 x 1280

1280 x 1280
1280

100 x 100
100

150 x 150
150

310 x 310
310

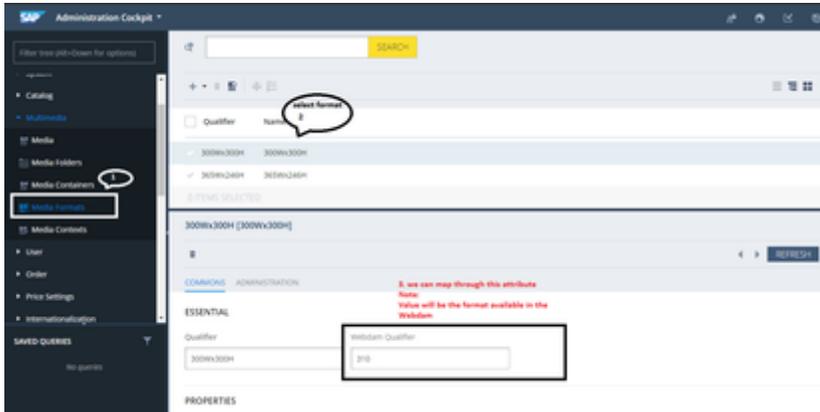
550 x 550
550

220 x 220
220

these derivatives above we see is the webdam notified media formats which will be mapped to the Hybris format, to do it please see below.

How to Map Webdam Size/ Format with Hybris format

We do the mapping through an attribute in **MediaFormatModel** in Hybris that has been added. We can find that attribute as follows in the PFA with Breadcrumb



For mapping the Media Format and the Hybris media format we need to use the impex script and run it in the Management console. Here is the sample script attached.



Key Notes:

1. The above mapping we need to do mandetorily other wise while saving we will not be getting the Media format.
2. To communicate our extension to the webdam we need the authentication details/ Credentials which are configured through property and we can also change it though HAC. These keys are essential data or the mandatory requirement which we varies from different client. i.e. Client Id, Client Secret, User name, Password.

Here are the details and the process to manage this above data.

Parameter Name	Key (Configured in Hybris Properties file)	Description
Client Id	rest.webdam.clientID	...
Client Secret	rest.webdam.clientsecret	...
Webdam User name	rest.webdam.username	...
Webdam password	rest.webdam.password	...
Authurization URL	rest.webdam.token.url	https://apiv2.webdamdb.com/oauth2/token
Base URL of Webdam	rest.webdam.url	https://apiv2.webdamdb.com/

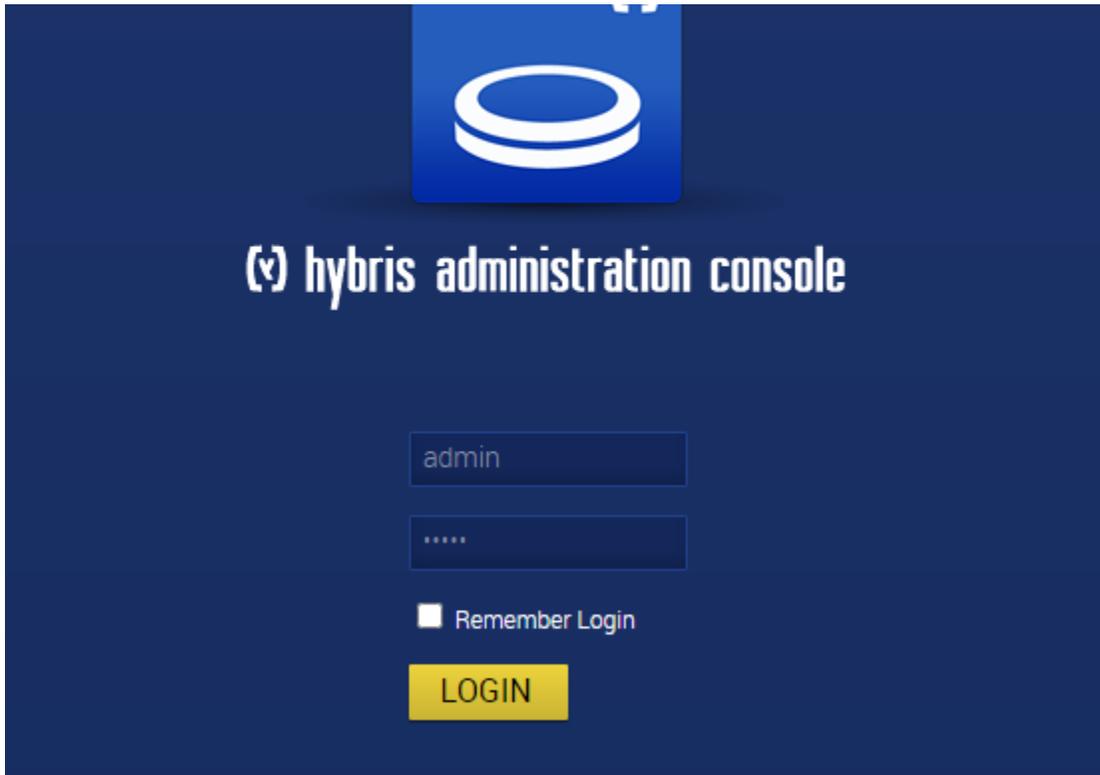
Some other configured keys which effects or helps customizing the result

Parameter Name	Key (Configured in Hybris Properties file)	Description
Page size	webdam.search.limit.pagesize	This property is used to determine the number of result user wants to fetch or we call it as a Page size

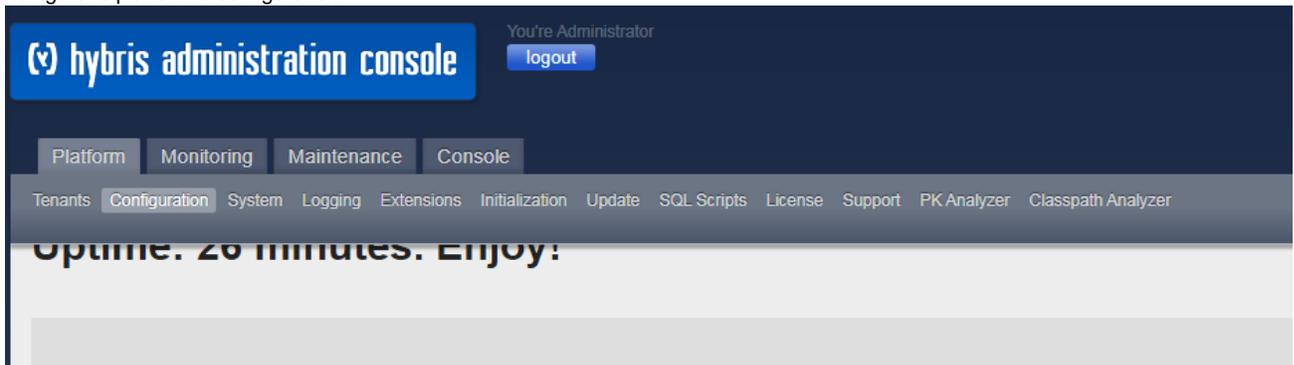
Process to add/edit this keys through HAC

1. Got to hac window and login





2. Navigate to platform > configuration



3. you can see a number of properties configured as follows. search the key you want to change the value for.

