

In-page Experience Embed Requirement

Brightcove has introduced a new multi-video player type, called In-page Experience, to complement the existing single video players and playlist players. We want to allow users to easily embed an Experience and provide as much flexibility as possible in the generation of the Brightcove Experience embed code so they can control the look and feel without being HTML or JavaScript experts.

In-page Experience Selection Dialog

There should be a dialog allowing the user to choose an In-page Experience. This dialog should allow the user to set the fields listed below:

- 1) **Brightcove Account:** The user should be able to choose a Brightcove account if one is not already selected.
- 2) **Search Filter:** The user should be able to enter a search string to filter the list of displayed Experiences. If using Brightcove search API, the search string should be URI encoded.
- 3) **Order:** The list of displayed Experiences should be sorted by name. The user should be able to select ascending or descending sort order. The default should be ascending.

The dialog should have the following behavior:

- 1) Display a list of Experiences based on the user selection above. Allow the user to select one Experience.
- 2) For the displayed list of Experiences:
 - a) Only published Experiences should be displayed
 - b) The Experience name, template, and ID should be shown.
- 3) Display a clickable link that will open the Experience player in a new browser tab.

Related Brightcove Documentation

Integrating Your CMS with Video Cloud

<https://support.brightcove.com/integrating-your-cms-video-cloud>

Get List of Experiences

GET <https://experiences.api.brightcove.com/v1/accounts/{accountId}/experiences>

- Sort by name in ascending order: ?sort=name
- Sort by name in descending order: ?sort=-name
- Search: ?q={searchstring}

Get Details for an In-page Experience

GET <https://experiences.api.brightcove.com/v1/accounts/{accountId}/experiences/{experienceId}>

- Published Experiences will have publishedStatus == success

Example Dialog Implementation

Add Experience

Brightcove Account:

BC Tim Baldwin 1

Experiences Filter:

Search

Order: ☒ ascending ☐ descending

Name

☐ Grid Experience Responsive
ee-grid
5a71ce807afd7a00101bbfaf

☒ Single Video Experience
ee-single-video
5adf8b0970fb3d001132f5e0

☐ Vertical Playlist Experience Responsive
ee-vertical-playlist
5a71ceb37afd7a00101bbfb0

Shareable URL https://players.brightcove.net/4875109344001/experience_5adf8b0970fb3d001132f5e0/share.html

In-page Experience Embed Dialog

There should be a dialog allowing the user to control the formatting of the In-page Experience on the web page. This dialog should allow the user to set the fields listed below:

- 1) **Embed Type:** The user should be able to choose between iFrame and Javascript embed code. The default should be Javascript.
 - a) For a playlist player, the default should be iFrame.
- 2) **Sizing:** The user should be able to select between Responsive or Fixed sizing.*
 - a) If iFrame, the default should be Fixed and Responsive should be disabled.
 - b) If Javascript, the default should be Responsive.
- 3) **Width, Height:** The user should be able to enter Width and Height.*
 - a) If Fixed, the default should be 640 for Width and 640 for Height.
 - b) If Responsive, the Width and Height should be disabled.
- 4) **Override Experience Videos:** The user should be able to override the default videos in an Experience with a list of videos or with a playlist. If the user selects to override the Experience videos, allow the user to choose videos or a playlist per the “Overriding Experience Videos” section below.

The dialog should have the following additional behavior:

- 1) The generated Brightcove embed code should be displayed to the user in the dialog
- 2) The user should be able to make edits to the embed code. Even though we are trying to give the user as much flexibility as possible in configuring the embed code, there might be cases where they need to override what is automatically generated.
- 3) If the user modifies one of the previous selections in the dialog, the user’s edits will be overwritten by newly generated code

* Note: If the CMS provides a native container for embedding code that allows the user to specify Responsive vs Fixed and Width/Height, it might make more sense to use the container for sizing and have the Brightcove embed code always be responsive.

Overriding Experience Videos

If the user chooses to override the Experience videos, the dialog should allow the user to set the fields listed below:

- 1) **Search Filter:** The user should be able to enter a search string to filter the list of displayed videos or playlists. If using Brightcove search API, the search string should be URI encoded.
- 2) **Folder:** The user should be able to select a Folder name from the Brightcove account to filter the list of displayed videos. The Brightcove API does not provide a built-in filter for folders so the client code will need to retrieve all videos and then filter by folder. (Does not apply to playlists)
- 3) **Limit:** The user should be able to limit the number of videos returned, primarily to improve performance of the search. When using Brightcove search, the maximum limit that can be specified is 100. To return more than 100 videos, a paging mechanism must be implemented. Also, if the user has selected a Folder to filter, the client needs to request all videos in the account using the paging mechanism and then locally filter that list by Folder and return the number of videos specified by the user limit. (Does not apply to playlists)
- 4) **Sort By:** The user should be able to select a sort field.
 - a) For videos, the user should be able to choose the video name, updated date, creation date, start date, and total plays. The default should be the updated date.
 - b) For playlists, user chooses either the name and modified date. The default should be modified date.
- 5) **Sort Order:** The user should be able to select ascending or descending sort order. The default should be descending.

The dialog should have the following behavior:

- 1) Display a list of videos or playlists based on the user selection above. Allow the user to select multiple videos or one playlist.
- 2) When displaying a list of videos:
 - a) Only Active videos should be listed.
 - b) The thumbnail image, video name, and ID should be shown.
 - c) One or more videos can be selected.
- 3) When displaying a list of playlists:
 - a) If the playlist is a manual playlist, display the playlist name, ID, and the number of videos in the playlist
 - b) If the playlist is a smart playlist, display the playlist name, ID and --- in place of the number of videos.
 - c) Only one playlist can be selected.
- 4) Display a clickable link that will open the video or playlist player in a new browser tab.

Example Video Override Dialog Implementation

Experience-defined
Layout Size

Responsive

Embed Type

☐ iFrame ☒ JavaScript

Sizing

☐ Fixed ☒ Responsive

Layout Width

640

px

Layout Height

640

px

Override Experience
Videos

☒ Check here if you would like to override the experience-defined videos with a custom video or playlist selection.

Videos

Playlist

Available Videos:

Video Filter

Q

Folder:

Limit:

30

Sort results by:


☐ display name ☒ updated date ☐ creation date
☐ start date ☐ total plays

Order:

☐ ascending ☒ descending


Videos

☐




Brightcove_15second.mp4
5778845230001

☒




Man In Man by Sago
5778839482001

☐



Water-Droplet.mp4
5778999127001

☒



PLEASE WORK!!
5751433079001

Brightcove Snippet
(Paste to Script
Editor web part or
publishing zone):

```
<div data-experience="5a71ce807afd7a00101bbfa" data-usage="cms:sharepoint:16.0.7618.1208:3.0.0-beta17:experiencejavascript" data-video-ids="5751433079001,5778839482001" data-playlist-id=""></div>
```

Close Dialog

Override Experience
Videos

☒ Check here if you would like to override the experience-defined videos
with a custom video or playlist selection.

Videos

Playlist

Available Playlists:

Playlist Filter



Sort results by:

☐ display name ☒ modified date

Order:

☐ ascending ☒ descending

Playlist

☒ Test Manual Playlist
5076279081001

☐ aem test playlist
5664015937001

☐ aem test playlist 3
5742928430001

☐ aem test playlist 2
5663729785001

Brightcove Snippet
(Paste to Script
Editor web part or
publishing zone):

```
<div data-experience="5a71ce807afd7a00101bbfaf" data-usage="cms:sharepoint:16.0.7618.1208:3.0.0-beta17:experiencejavascript" data-video-ids="" data-playlist-id="5076279081001"></div><script src="https://players.brightcove.net/4875109344001/experience_5a71ce807afd7a00101bbfaf/live.js"></script>
```

Close Dialog

Embed Parameters and Code

The section describes how to generate the Experience embed code based on user selections. The %XYZ% values are substituted into the embed code as described below.

Common Parameters

%ACCOUNTID% = User selected Brightcove account ID

%VIDEOIDLIST% = User selected video ID's, comma delimited with no spaces

%PLAYLISTID% = User selected playlist ID

%EXPERIENCEID% = User selected Video player ID or Playlist player ID

%CMS% = Name of CMS

%CMSVERSION% = Version of CMS

%CONNECTORVERSION% = Version of connector

iFrame “Experience” Player Embed

Parameters for Responsive Sizing

N/A
Responsive option not selectable

Parameters for Fixed Sizing

%MAXWIDTH% = “
%MINWIDTH% = “
%WIDTH% = Width . ‘px’
%HEIGHT% = Height . ‘px’

Brightcove Embed Code

```
<div style="display:block;position:relative;width:%WIDTH%;height:%HEIGHT%">  
<iframe src="https://players.brightcove.net/%ACCOUNTID%/experience_%EXPERIENCEID%/index.html?videoIds=%VIDEOIDLIST%  
    &playlistId=%PLAYLISTID%  
    &usage=cms:%CMS%:%CMSVERSION%:%CONNECTORVERSION%:experienceiframe"  
    allowfullscreen=""  
    webkitallowfullscreen=""  
    mozallowfullscreen=""  
    style="width:100%;height:100%;top:0px;bottom:0px;right:0px;left:0px;border:none;margin-left:auto;margin-right:auto;position:absolute" >  
</iframe>  
</div>
```

Example Implementation

Experience-defined Layout Size

Responsive

Embed Type

☒ iFrame ☐ JavaScript

Sizing

☒ Fixed ☐ Responsive

Layout Width

640

px

Layout Height

640

px

Override Experience Videos

☐ Check here if you would like to override the experience-defined videos with a custom video or playlist selection.

Brightcove Snippet (Paste to Script Editor web part or publishing zone):

```
<div style="display:block;position:relative;width:640px;height:640px">  
<iframe style="width:100%;height:100%;top:0px;bottom:0px;right:0px;left:0px;border:none;margin-left:auto;margin-right:auto;position:absolute" src="https://players.brightcove.net/4875109344001/experience_5a71ce807afd7a00101bbfaf/index.html?usage=cms:sharepoint:16.0.7618.1208:3.0.0-beta17:experienceiframe" allowfullscreen="" webkitallowfullscreen="" mozallowfullscreen=""></iframe></div>
```

Close Dialog

Javascript “Experience” Player Embed

Parameters for Responsive Sizing

%WIDTH% = “
%HEIGHT% = “

Width and Height not user selectable

Parameters for Fixed Sizing

%WIDTH% = Width . ‘px’
%HEIGHT% = Height . ‘px’

Brightcove Embed Code

```
<div style="display:block;position:relative;width:%WIDTH%;height:%HEIGHT%"
  data-experience="%EXPERIENCEID%"
  data-video-ids="%VIDEOIDLIST%"
  data-playlist-id="%PLAYLISTID%"
  data-usage="cms:%CMS%:%CMSVERSION%:%CONNECTORVERSION%:experiencejavascript"
  style="
    display: block;
    position: relative;
">
</div>
<script src="//players.brightcove.net/%ACCOUNTID%/experience_%EXPERIENCEID%/live.js "></script>
```

Example Implementation

Experience-defined Layout Size	Responsive
Embed Type	<input type="radio"/> iFrame <input checked="" type="radio"/> JavaScript
Sizing	<input type="radio"/> Fixed <input checked="" type="radio"/> Responsive
Layout Width	<input type="text" value="640"/> <input type="text" value="px"/>
Layout Height	<input type="text" value="640"/> <input type="text" value="px"/>
Override Experience Videos	<input type="checkbox"/> Check here if you would like to override the experience-defined videos with a custom video or playlist selection.
Brightcove Snippet (Paste to Script Editor web part or publishing zone):	<pre><div data-experience="5a71ce807afd7a00101bbfaf" data-usage="cms:sharepoint:16.0.7618.1208:3.0.0-beta17:experiencejavascript"></div><script src="https://players.brightcove.net/4875109344001/experience_5a71ce807afd7a00101bbfaf/live.js"></script></pre>
<input type="button" value="Close Dialog"/>	