

# Browseandembed module

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 This article is designated for administrators.

## About

This module lets you configure how users interact with the Browse, Search & Embed (BSE) tool. The BSE tool allows users to embed media in announcements, assignments, discussions, forums, and more within your LMS course. It is accessible within the rich-text editor. For more details, see [Embedding Kaltura media](#).

## Prerequisites

The [hosted](#) module should be enabled beforehand.

## Configure

1. Go to your Configuration Management console and click on the **Browseandembed** module. You can also navigate to it directly using a link:

*[https://{your\\_KMS\\_URL}/admin/config/tab/browseandembed](https://{your_KMS_URL}/admin/config/tab/browseandembed).*

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[Browseandembed](#)

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Canvas

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The Browseandembed page displays.

## Configuration Management

**Server Tools**

- Backup Configuration
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**Global**

- Application
- AddNew
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### Browseandembed

**Module Info**

Info

The 'Browseandembed' module control the way users can use the Browse, Search & Embed (BSE) tool.

- Please make sure players are set. We recommend to make sure the 'BSEPlayerId' field is filled up.
- Note that depending on the LMS/CMS used, the feature set might be different. To read more, please see the [BSE documentation](#).
- If you need to upgrade your BSE players from V2 to V7 Kaltura player, please use [this tool](#).

enabled	<input type="button" value="Yes"/> ▼	Enable the Browseandembed module.
returnUriMethod	<input type="button" value="GET"/> ▼	Which method to use for the return url action.
allowEmbedFromMultipleCourses	<input type="button" value="No"/> ▼	Defines how many categories to include when embedding media.
filterTypeAttribute	<input type="text" value="custom_filter_type"/>	The LTI attribute the get the filter type from.
disableAddNewAttribute	<input type="text" value="custom_disable_add_new"/>	The LTI attribute the get the disable-add-new from.
enableNewBSEUI	<input type="button" value="v3"/> ▼	This field enables the brand new Browse and Embed UI and functionality.
EmbedSettingsButton	<input type="button" value="Show"/> ▼	Select 'Yes' to present the Embed Settings button, allowing users to change the embed settings before embedding media.
enableQuickIngest	<input type="button" value="No"/> ▼	Turn on the Quick Ingest endpoint. Once on, it can either replace the existing Browse and Embed endpoint, or can be used as a standalone tool using this URL: <input type="text" value="{KAF_Base_URL}/browseandembed/quick-ingest"/>

2. Configure the following:

**enabled** - Set to 'Yes' to enable the module.

**returnUriMethod** - Set the method to use for the return url action: GET or POST.

**allowEmbedFromMultipleCourses** - Set to 'Yes' to allow embedding from all courses the user has access to. Set to 'No' to limit embedding to the Media Gallery of the current course only.

**filterTypeAttribute** - This is the LTI attribute the get the filter type from.

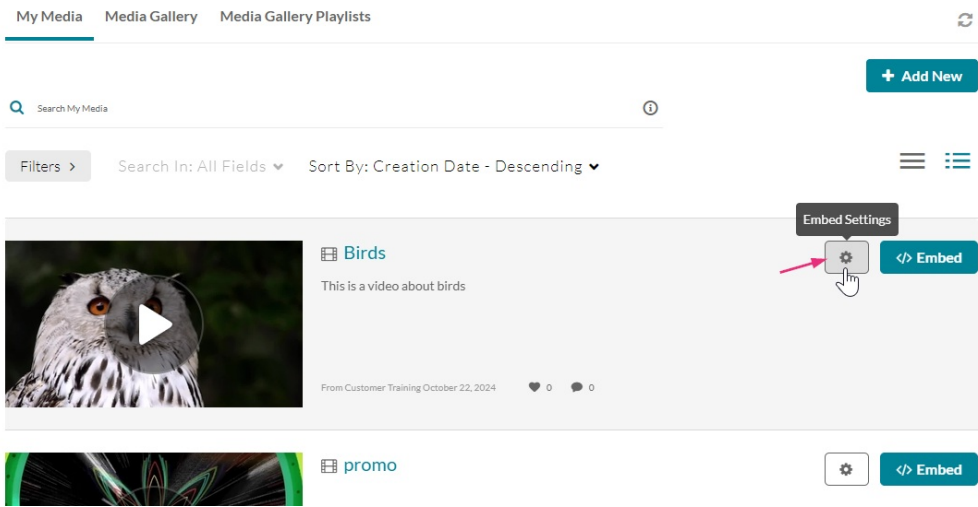
**disableAddNewAttribute** - custom\_disable\_add\_new\*. The LTI attribute the get the disable-add-new from.

**enableNewBSEUI** - This field enables the new Browse and Embed UI and functionality. Select v3 for the latest version.

**EmbedSettingsButton** - (applicable only to **v3**) Set to 'Show' to display the embed settings button, allowing users to change the embed settings before embedding media, as shown in the image below:



To set a dedicated player as the BSE player (or for each media type), make sure to configure the [embedSettings](#) section below.



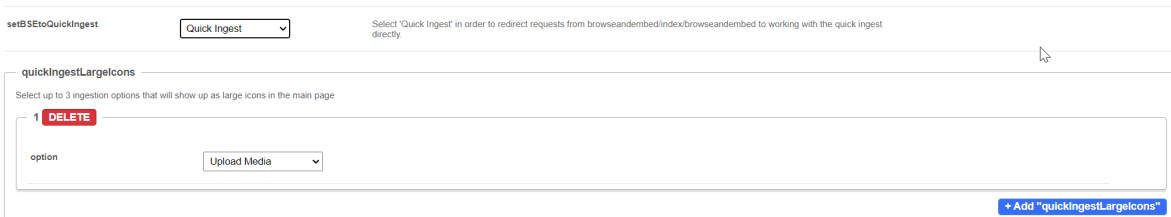
To use the players designated for My Media and Media Gallery as the BSE player, set **EmbedSettingsButton** to 'Hide.'

EmbedSettingsButton

Media types other than 'video' will load with players set in the dedicated modules (for example, [audioEntry](#), [imageEntry](#), [Quiz](#), [kwebcast](#)). If left empty, the BSE Player will become the default. If the BSE Player is also empty, the KAF main player will be used.

**enableQuickIngest** - Turn on the Quick Ingest endpoint. When set to 'Yes', it can either replace the existing Browse and Embed endpoint, or can function as a standalone tool using this URL: `{KAF_Base_URL}/browseandembed/quick-ingest`.

When set to 'Yes' new fields display:



**setBSEtoQuickIngest** - Select 'Quick Ingest' in order to redirect requests from `browseandembed/index/browseandembed` to working with the quick ingest directly.

**quickIngestLargelcons** - Click **+Add "quickIngestLargelcons"** to add ingestion options. Select up to three options that will show up as large icons in the main page.

**quickIngestLargeIcons**

Select up to 3 ingestion options that will show up as large icons in the main page

1 DELETE

option Upload Media ▾

+ Add "quickIngestLargeIcons"

**BSEPlayerID** - Enter the player ID for the player used by BSE. Media types other than video will load with players set in the dedicated modules (for example, [audioEntry](#), [imageEntry](#), [Quiz](#), [kwebcast](#)). If left empty, the BSE Player will become the default. If the BSE Player is also empty, the KAF main player will be used.

**minimalBSERole** - Select the minimal KMS/KAF role allowing browsing and embedding media (only relevant for SharePoint 365). Choose from the following options:

- anonymousRole
- viewerRole
- privateOnlyRole
- adminRole
- unmoderatedAdminRole

## embedSizes

Define the default sizes for embedded players to apply when no specific dimensions are set. Use the format {width}x{height} for player sizing. Recommended sizes for V7 are as follows:

- large - 608x342
- medium - 400x225
- small - 304x171

**enableAssignmentSubmission** - Select 'Yes' to enable an additional pop-up screen when selecting media in Browse, Search and Embed to verify if the user is submitting an assignment. If confirmed, the selected entry will be cloned under a different user name to prevent editing and deletion.

**assignmentSubmissionText** - This message appears in the pop-up when submitting an assignment. The default text is: *Would you like to submit media as an assignment?* You can customize this message to fit your needs.

**assignmentSubmissionMaxRole** - Sets the highest role level that will see the 'Submit as Assignment' toggle when selecting an entry in Browse and Embed. Choose from the following:

- Manager
- Moderator
- Contributor
- Member
- None

**contentItemReturnUrlAttr** - This is the LTI attribute that holds the content-item return URL.

**sendCimLineItem** - Select an option to include CIM JSON data for any quiz entry. Enable this option only if specific gradebook integration workflows, such as those for BB Ultra, are not available. Choose from the following:

- Never
- When filtering for quiz
- For any quiz

**allowEmbedFromMediaGallery** - Set the minimal role that can embed MediaGallery content via BSE. Choose from the following:

- Member
- Contributor
- Moderator
- Manager
- Do not allow

**autoRepublish** - Set to 'Yes' to enable the automatic re-publishing feature to ensure content remains playable, even if it was unpublished from the 'Embedded In Context' category after being embedded through BSE.

## embedSettings

Click the blue **+Add "embedSettings"** button and then enter the player information to be used for embedding. If only one player is available per type, it will be set as the default. If multiple players are available, the first in the list will be set as the default.



A single player ID can hold several size options but should only be set once on this page. Configuring the same player ID multiple times might result in unexpected behavior.

**playerDisplayName** - Enter the player display name.



Be certain to provide a meaningful player name for the users to be able to understand what type of player is being used. For example “with download button” or “transcript widget enabled”.

**playerId** - The Player ID for the player displayed in the BSE Advanced Embed Settings page.

**entryType** - Select the media type this player is relevant for. Choose from the following:

- Video
- Quiz
- Audio
- Playlists
- Document
- Draft
- Image
- Live
- Meeting
- Rapt media

**isTypeDefault** - Set to 'Yes' to set this player as the default player type.

**embedSizes** - Select the appropriate size for the chosen player:

- For a V2 player: Choose from the V2 size options (16:9 ratio), keeping in mind the default 30px set for `playerBarHeightPixels` in the player module.
- For a V7 player: Choose from the V7 size options (16:9 ratio). If selecting Audio entry type, there is only one V7 option to choose.

You can also enter a custom embed size (see below).

**embedSizeCustom** - Enter “width”x”height” in pixels to add a new embed sizes. If left empty the default will be used.

Click **+Add "embedSizeCustom"** to add an additional custom size.

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<b>playerDisplayName</b>	<input type="text" value="Player with Transcript"/>	Player Display Name
<b>playerId</b>	<input type="text" value="52226272"/>	The Player ID for the player showing in the BSE advanced embed settings page
<b>entryType</b>	<input type="text" value="Video"/>	The media type this player is relevant for
<b>isTypeDefault</b>	<input type="text" value="No"/>	Check the box to set this player as the default player type.
<b>embedSizes</b>	<input checked="" type="checkbox"/> 608x402 (V2 player) <input checked="" type="checkbox"/> 400x285 (V2 player) <input checked="" type="checkbox"/> 304x231 (V2 player) <input type="checkbox"/> 608x342 (V7 player) <input type="checkbox"/> 400x225 (V7 player) <input type="checkbox"/> 304x171 (V7 player)	
<p>Choose the appropriate size for the chosen player.            For a V2 player, choose from the V2 sizes options (16:9 ratio, taking into consideration the default 30px set in playerBarHeightPixels on the player module).            For a V7, choose from the V7 sizes options (16:9 ratio).            You can also enter a custom embed sizes.</p>		
<b>embedSizeCustom</b>	<input type="text" value="200X200"/> <input type="button" value="X"/>	Use "width"x"height" in pixels to add a new embed sizes. If left empty the default will be used.
		<input type="button" value="+ Add 'embedSizeCustom'"/>

Click **X** to delete the custom size embed.

<b>embedSizeCustom</b>	<input type="text" value="200X200"/> <input type="button" value="X"/>	Use "width"x"height" in pixels to add a new embed sizes. If left empty the default will be used.
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To learn more about setting up dedicated players, see our article [Setting a dedicated player for a specific media type for MediaSpace and KAF applications.](#)

**aspectRatioSource** - Choose an aspect ratio option (these settings only pertain to v7 player embeds):

- Set to **User selected** to keep the aspect ratio provided by the end user when embedding a media using the BSE embed (calculating the aspect ratio from the selected width and height) on the LMS page.
- Set to **Global** to keep all embeds by the BSE on the aspect ratio selected by the admin in the `playerVideoRatioPercent` fields (located in different entry types modules).

3. Click **Save** to validate your setup. Any errors will be displayed in the **valid** field after saving.

## User experience

The example below shows two player options available for the two departments. The player named 'Player for Marketing' has two embedding sizes configured.

