

Browseandembed module

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 This article is designated for administrators.

About

This module lets you control how users browse, search, and embed Kaltura media using the Browse, Search & Embed (BSE) tool. BSE allows users to embed media directly from the rich-text editor in LMS tools such as announcements, assignments, discussions, and forums.

For more information about the user workflow, see [Embed Kaltura media](#).

Before you start

The [hosted](#) module must be enabled.

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_site_URL}/admin/config/tab/browseandembed.

ModulesCustom / core
/ kaf
Browseandembed
Canvas
Hosted
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Ltigrading

The Browseandembed page displays.

Configuration Management

Server Tools

- Backup Configuration
- Player replacement tool

Global

- Application
- AddNew
- Auth
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- Gallery
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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 - Select the return URL method: 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 - LTI attribute used to determine the filter type.

disableAddNewAttribute - LTI attribute (`custom_disable_add_new`)* used to disable the 'Add new' option

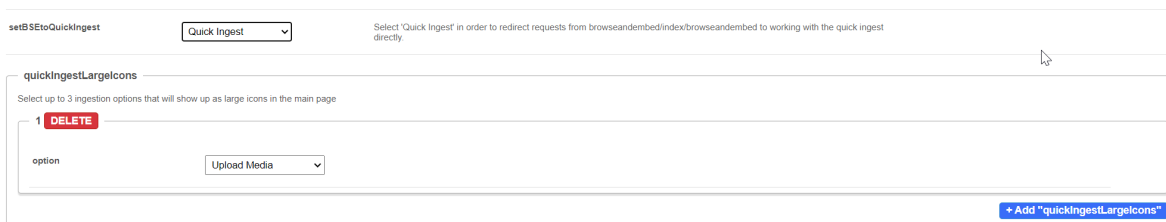
enableNewBSEUI - Enables the new Browse and Embed experience. The theming-based 'Browse and Embed' page is supported only in v3.

EmbedSettingsButton - Controls whether users can change embed settings before embedding media:

- **Show** - Display the embed settings button
- **Hide** - Use players defined for My Media and Media Gallery

enableQuickIngest - Enables the Quick Ingest endpoint. When enabled, it can replace the standard Browse and Embed flow or run as a standalone tool at: `{KAF_base_URL}/browseandembed/quick-ingest`. Not available for Theming-based pages.

When set to 'Yes' additional 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.



BSEPlayerID - Player ID used by the BSE tool. Media types other than video use players defined in their dedicated modules.

If left empty, the default BSE player is used. If that's also empty, the KAF main player is used.

minimalBSERole - Minimum role required to browse and embed media. Relevant only 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 (format: {width}x{height}). Recommended sizes for V7:

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

enableAssignmentSubmission - Select 'Yes' show a confirmation dialog when embedding media for assignments. Confirmed entries are cloned to prevent editing or deletion.

assignmentSubmissionText - Text shown in the assignment submission confirmation dialog. Default is *Would you like to submit media as an assignment?*

assignmentSubmissionMaxRole - Highest role that sees the assignment submission confirmation dialog. Choose from the following:

- Manager
- Moderator
- Contributor
- Member
- None

contentItemReturnUrlAttr - 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 automatic re-publishing 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 configured for a media type, it's used as the default. If multiple players are configured, the first player in the list is used by default.

DELETE

playerDisplayName

Player Display Name

playerId

The Player ID for the player showing in the BSE advanced embed settings page

entryType

Video

The media type this player is relevant for

isTypeDefault

No

Check the box to set this player as the default player type.

embed Sizes

☐ 608x402 (V2 player)
☐ 400x285 (V2 player)
☐ 304x231 (V2 player)
☐ 608x342 (V7 player)
☐ 400x225 (V7 player)
☐ 304x171 (V7 player)

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.

embedSizeCustom

X

Use "width"x"height" in pixels to add a new embed sizes. If left empty the default will be used.

+ Add "embedSizeCustom"



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 - User-friendly name shown to users, for example “with download button” or “transcript widget enabled”.

playerId - Player ID from [Player Studio](#).

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

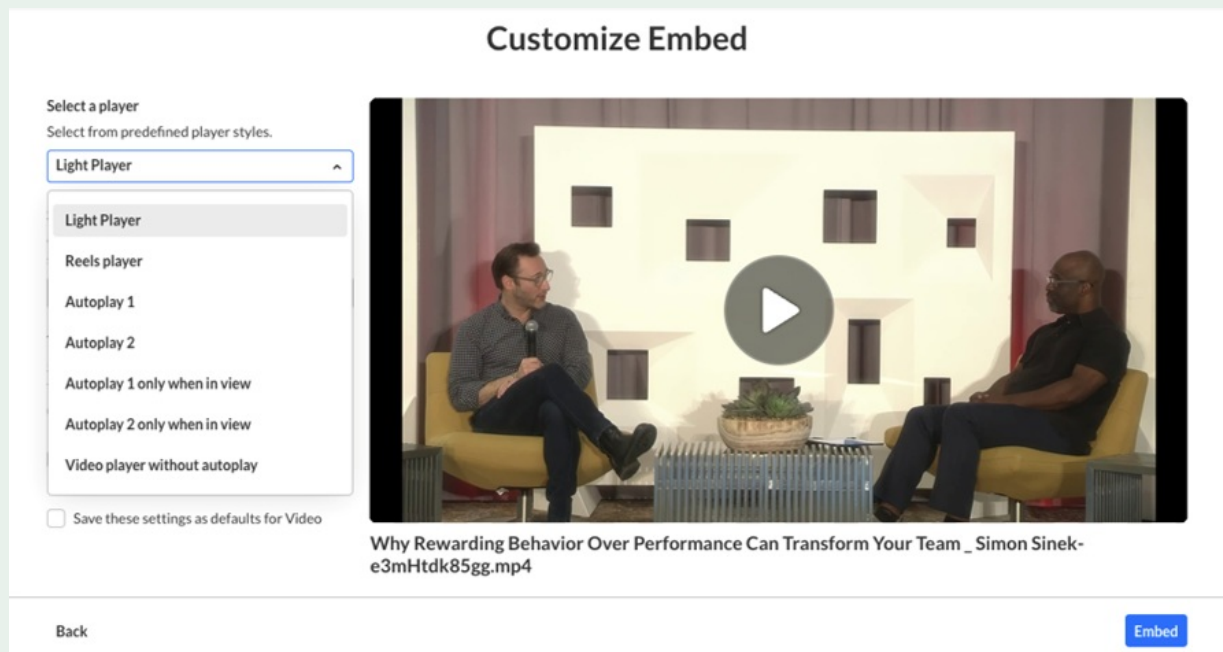
- Video
- Quiz
- Audio
- Playlists

- Document
- Draft
- Image
- Live
- Meeting
- Interactive video



By configuring multiple players, you can provide users with specialized options for different use cases. For example, you can create a custom player for Audio, a custom player for accessibility, or a custom player for interactivity.

The image below illustrates how these options appear in the player selection dropdown:



isTypeDefault - Set to 'Yes' to set 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.

embedSizeCustom - Optional custom size. Enter "width"x"height" in pixels. If left empty the default will be used.

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

3 **DELETE**

playerDisplayName Player Display Name

playerId The Player ID for the player showing in the BSE advanced embed settings page

entryType The media type this player is relevant for

isTypeDefault Check the box to set this player as the default player type.

embedSizes

- ☒ 608x402 (V2 player)
- ☒ 400x285 (V2 player)
- ☒ 304x231 (V2 player)
- ☐ 608x342 (V7 player)
- ☐ 400x225 (V7 player)
- ☐ 304x171 (V7 player)

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.

embedSizeCustom [+ Add "embedSizeCustom"](#)

Use "width"x"height" in pixels to add a new embed sizes. If left empty the default will be used.

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

embedSizeCustom

Use "width"x"height" in pixels to add a new embed sizes. If left empty the default will be used.



To learn more about setting up dedicated players, see our article [Create a player](#).

adjustLmsIframeHeight - Sends the required embed height to the LMS to resize the iframe. Applies to V7 players only.

aspectRatioSource - Controls how the aspect ratio is applied for V7 embeds::

- **User selected** - Uses the user-selected size
- **Global** - Uses the admin-defined aspect ratio

BSEtableColumns - Select the columns shown in the theming-based embed table. Enable only what you need to maintain usability.

- ID
- Type
- Tags
- Plays

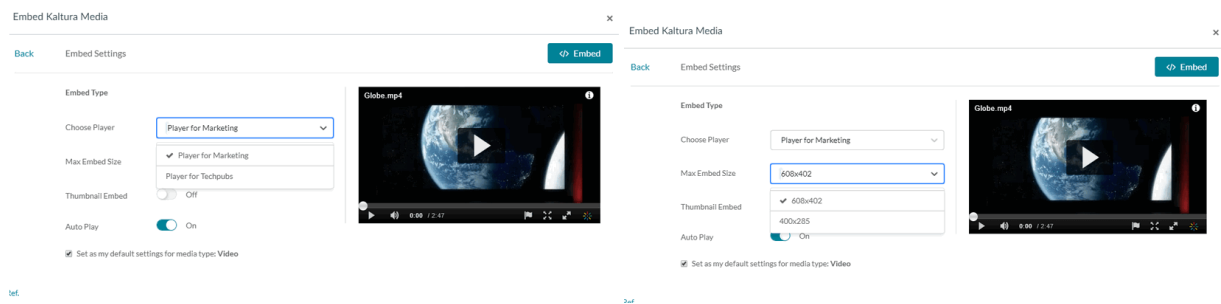
- Views
- Created At
- Updated At

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

User experience

Embed settings

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



Embed media table

The example below shows the Theming-based embed media table with columns.

