

# Kaltura Brightspace by D2L Video Extension Installation Guide

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Version: Kaltura 3.0

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## Contents

Preface .....	4
About this Manual.....	4
Audience .....	4
Document Conventions .....	4
Section 1 Installing Brightspace by D2L Kaltura Video Extension .....	5
Before Starting the Installation Process .....	5
Section 2 Installing My Media.....	6
Setting up My Media as a Widget .....	6
Add My Media as a Remote Plugin.....	6
Add My Media as a Widget .....	9
Setting up My Media as a Navigation Bar Link .....	11
Configure the External Tools Link for My Media .....	11
Add My Media to the Navigation Bar .....	14
Section 3 Installing Media Gallery .....	20
Setting up Media Gallery as a Widget.....	20
Add Media Gallery as a Remote Plugin .....	20
Add Media Gallery as a Widget .....	24
Setting up Media Gallery as a Navigation Bar Link.....	26
Configure the External Tools link for Media Gallery .....	26
Add Media Gallery to the Nav Bar .....	29
Section 4 Using My Media in Insert Stuff .....	34

# Preface

This preface contains the following topics:

- [About this Manual](#)
- [Audience](#)
- [Document Conventions](#)

## About this Manual

This guide describes how to install the Kaltura extension for Desire2Learn Learning Suite 10.3 and later, and is referred to as “Brightspace by D2L – Kaltura, Version 3”



**NOTE:** Please refer to the official and latest product release notes for last-minute updates. Technical support may be obtained directly from: [Kaltura Support](#).

### Contact Us:

Please send your documentation-related comments and feedback or report mistakes to [knowledge@kaltura.com](mailto:knowledge@kaltura.com).

We are committed to improving our documentation and your feedback is important to us.

## Audience

This guide is intended for Kaltura and Brightspace by D2L administrators.

## Document Conventions

Kaltura uses the following admonitions:

- Note
- Workflow



**NOTE:** Identifies important information that contains helpful suggestions.



**Workflow:** Provides workflow information.

1. Step 1
2. Step 2

# Installing Brightspace by D2L Kaltura Video Extension

The following workflow describes the installation process.



**Workflow:** Provides workflow information.

1. [Verify that your system meets the requirements and contact a Kaltura representative.](#)
2. [Install My Media.](#)
3. [Install Media Gallery.](#)

## Prerequisites

The following are prerequisites for the Kaltura Brightspace by D2L Kaltura Video Extension

- Brightspace by D2L version 10.3 or above
- A Kaltura account:
  - Partner id (“pid”), e.g., 12345678
  - Admin secret, e.g., f79359d3227f45be73c181489888afc5
- A Kaltura Application Framework instance URL, for example, 12345678.kaf.kaltura.com

## Before Starting the Installation Process

Contact your Kaltura representative to create a Kaltura Application instance for your Brightspace by D2L environment

You should receive the following:

- Launch point base URL that will be used further in the process
- Administration application login page URL.

## SECTION 2

# Installing My Media

This section describes how to install My Media, the personal user media repository, as a widget and/or a navigation bar.

Installing My Media consists of the following tasks:

- [Setting up My Media as a Widget](#)
- [Setting up My Media as a Navigation Bar Link](#)

## Setting up My Media as a Widget

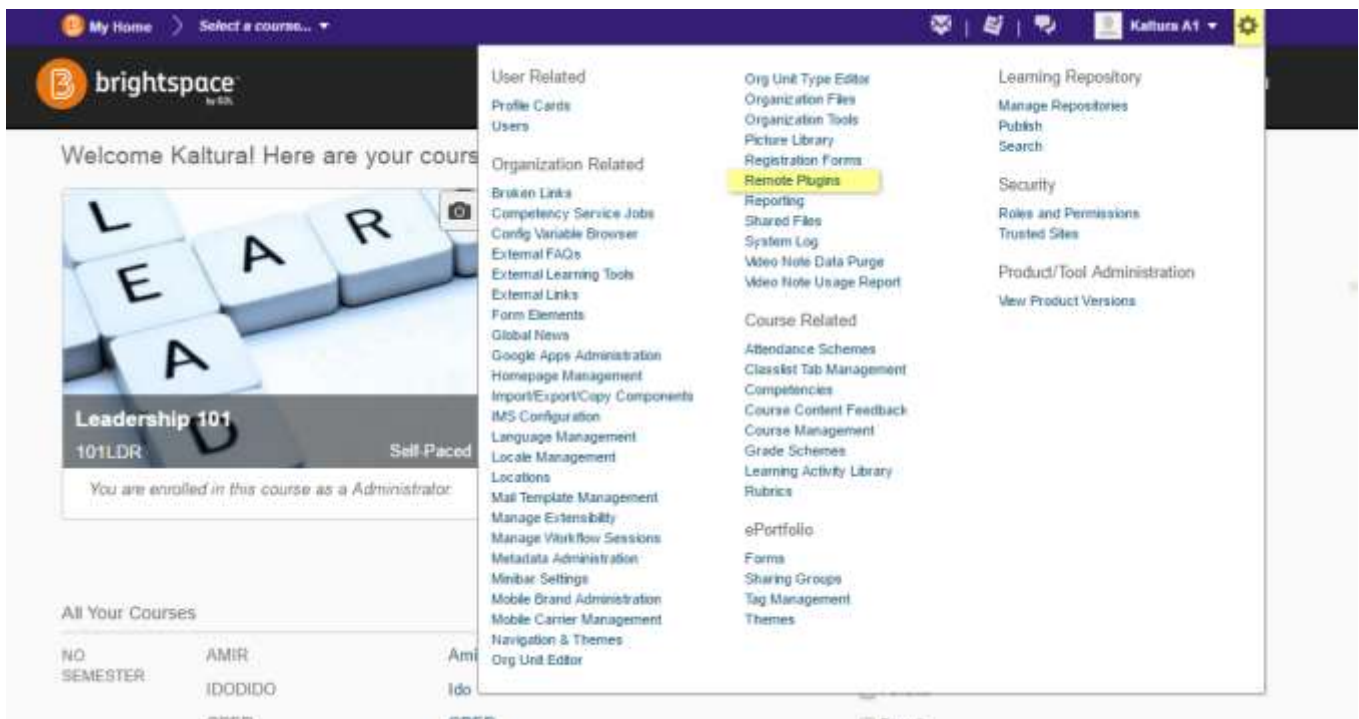
Perform the following tasks:

- [Add My Media as a Remote Plugin.](#)
- [Add My Media as a Widget](#)

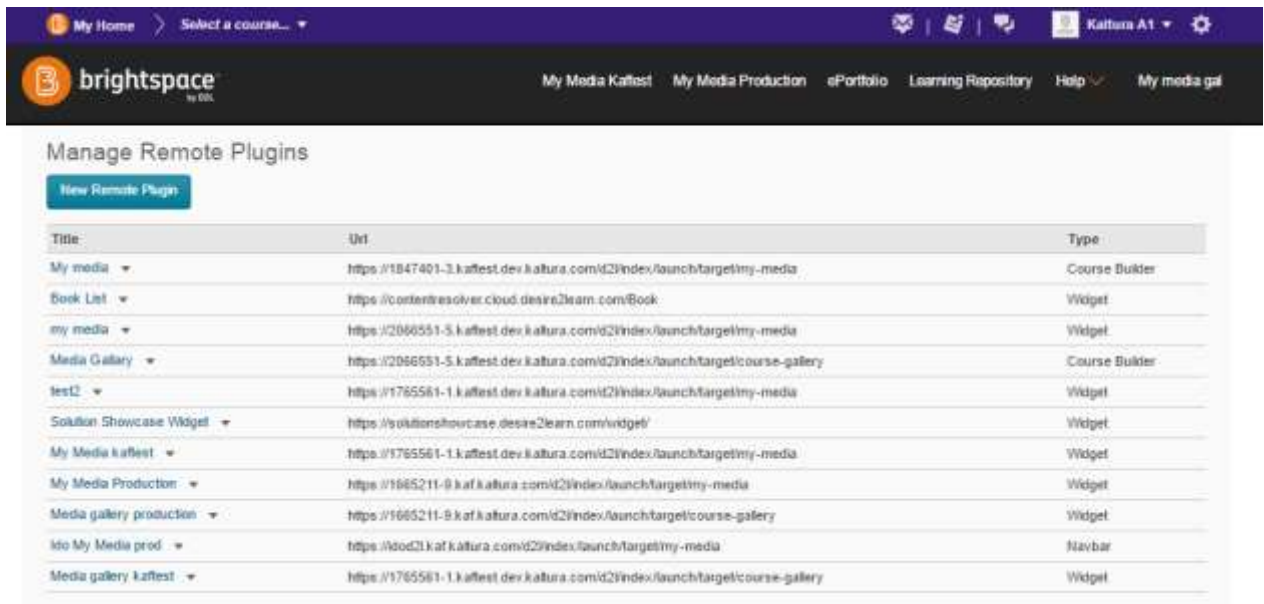
## Add My Media as a Remote Plugin

### To set up My Media - Add Remote Plugins

1. Login to your Brightspace environment as an administrator.
2. Click the Admin Tools icon (gear) on the top right side and select Remote Plugins.



The Manage Remote Plugins window is displayed.



## 3. Click 'New Remote Plugin.'

### Create a new Remote Plugin

Plugin Type:  Height:

Name \*

Launch Point URL \*

LTI Key  LTI Secret

System Test URL

Test Results  
Test has not been run.

Description

Icon URL  Icon Preview

Make available to:  
☒ Current Org Unit: HE Brightspace

4. Enter the following details:
  - a. Plugin Type – set to “Widget”.
  - b. Name – the name you want the widget to have. Recommended: “My Media”.

- c. Launch Point URL – Concatenate the Launch point base URL and “/d2l/index/launch/target/my-media”, so that you have a string in the following pattern:  
 “{http(s)://base.url.com}/d2l/index/launch/target/my-media”  
 For example: 123.kaf.kaltura.com/d2l/index/launch/target/my-media.
  - d. LTI Key – your partner ID. The partner ID can be obtained from your KMC, under Settings > Integration Settings. See [To access the account info in the KMC](#).
  - e. LTI Secret – the admin secret of your Kaltura account. The secret can be obtained from your KMC, under Settings > Integration Settings. See [To access the account info in the KMC](#).
5. (Optional) Click Add Org Units.

**Add Org Units**

Search For:  [Show Search Options](#)

☐ Page: 1 of 3 20 per page

Name ▲, Code	Type	Options
<input type="checkbox"/> Amir, Amir	Course Offering	<input checked="" type="radio"/> This org unit <input type="radio"/> All descendants
<input type="checkbox"/> BulkToolsTemplate, BTT	Course Template	<input type="radio"/> All descendants of type: Course Offering ▼
<input type="checkbox"/> BUS Master Template, BUS-TEMP	Course Template	<input type="radio"/> All descendants of type: Course Offering ▼
<input type="checkbox"/> Center for Instructional Technology, CIT	Program	<input type="radio"/> All descendants of type: Course Offering ▼
		<input checked="" type="radio"/> This org unit <input type="radio"/> All descendants

6. (Optional) Select specific org units if you want the widget to be available specifically to them. You may also select:
- This org unit



- All descendants
- All descendants of type

to have the My Media widget available to a group of org units.

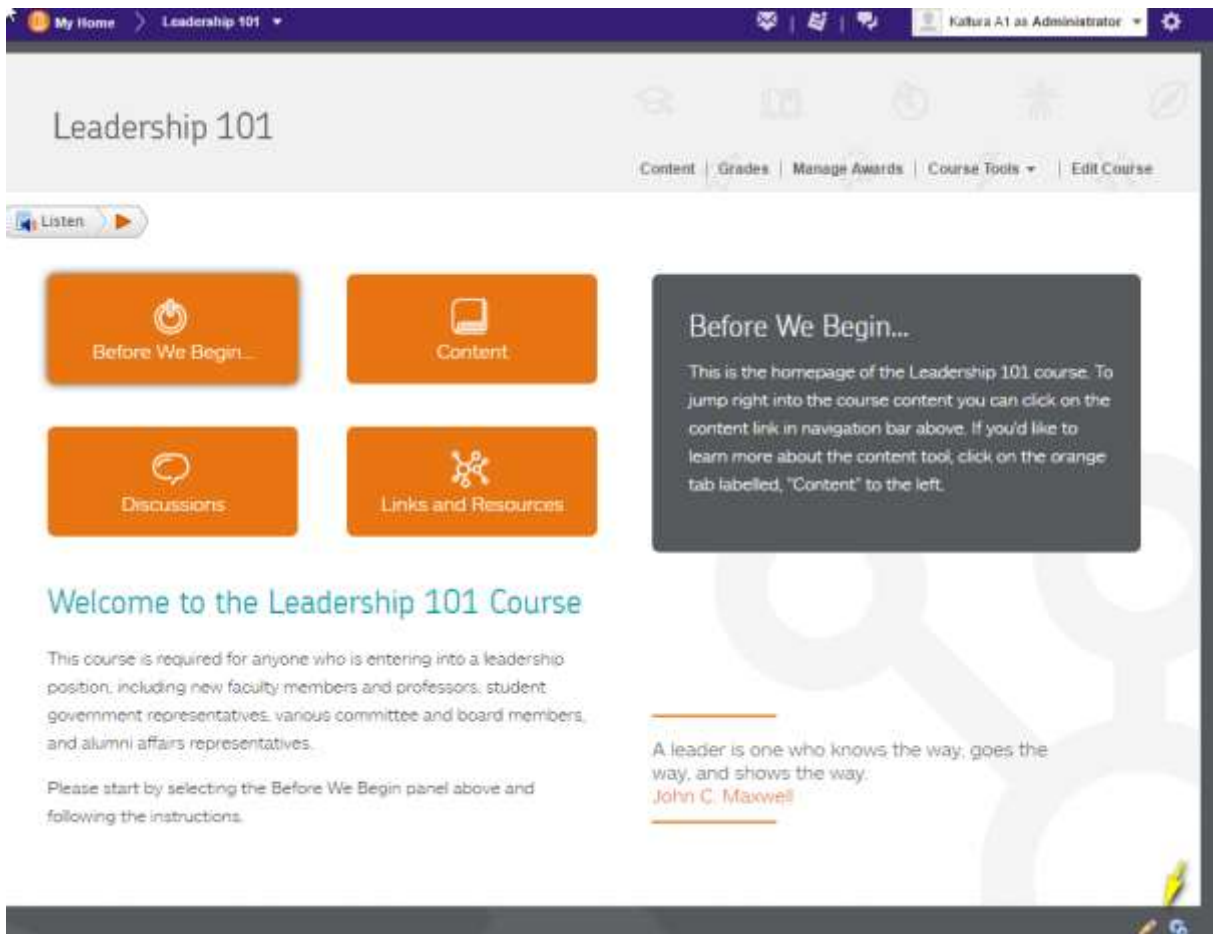
**Recommended:** We recommend that you select the top level org unit and all its descendants of type course offering.

7. Click Insert.
8. Click Save.

## Add My Media as a Widget

### To add My Media as a Widget


1. As the administrator of the org unit, for example, the instructor of a course, administrator of the university home page, etc., go to that org unit home page.



2. Scroll down to the bottom of the page and click the pencil icon. The Edit Homepage window is displayed.

## Installing My Media

### Edit Homepage

Name 

My Home - Organizational Homepage


Description

Hi, this is used by Ido A.

Sharing

☒ Share with child org units

Type

Widget-based 

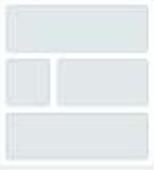
Header

☐ Include homepage header

Hi there, welcome to (OrgUnitName) Restore Default Header Text

What replace strings can I use in a custom title?

Layout



Large Right Panel  
Four panels: one large panel on the right and one smaller panel on the left with header and footer panels.

Change Layout

Widgets

test2

Add Widgets

News

Add Widgets

Calendar

Add Widgets

Content Browser

Add Widgets

User Links

Add Widgets

Media gallery kalfest

Add Widgets

Media gallery production

Add Widgets

Save and Close Save Cancel

3. In the Widgets section, in the area that you want to add the My Media widget, click Add Widgets



**NOTE:** For the optimal user experience, we recommend that you add the widget to a widget area that uses the maximum available screen's width.

4. Check My Media and click Add.
5. Click Save.

## Setting up My Media as a Navigation Bar Link

Perform the following tasks:

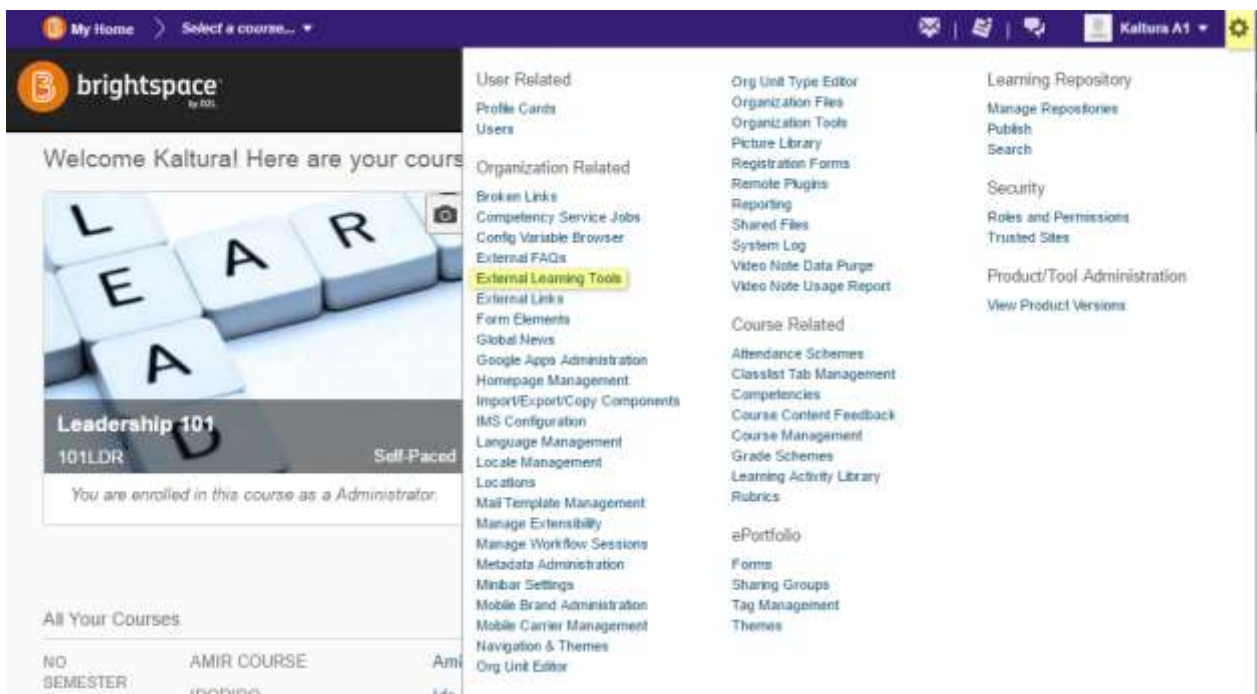
- [Configure the External Tools link for My Media](#)
- [Add My Media to the Navbar](#)

### Configure the External Tools Link for My Media

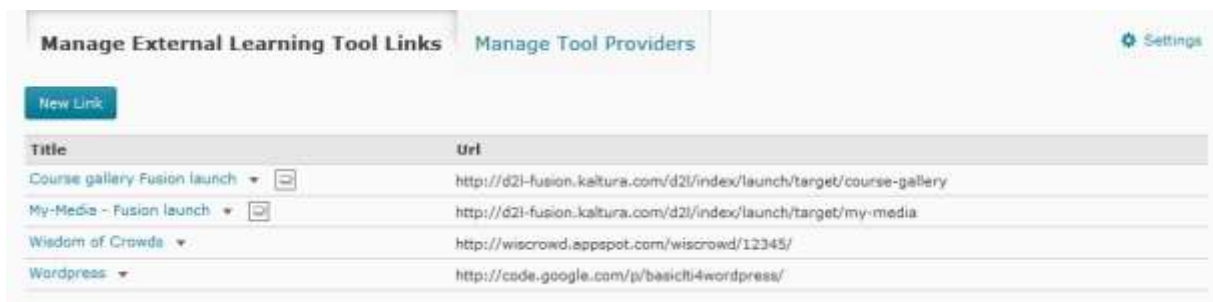
- ☰ To configure the External Learning Tools link for My Media

## Installing My Media

1. Login to your Brightspace environment as an administrator.
2. Click the Admin Tools icon (gear) on the top right side.
3. Click the External Learning Tools link.



The Manage External Learning Tool Links window is displayed.



4. Find the My Media link and click it.  
The Edit Link for My Media is displayed.

### Edit Link - My media launch

**Properties**

Title \*

URL \*

Description

Rich Text Editor Icons
Paragraph
More Options

My media launch

Visibility

☒ Allow users to view this link

Key/Secret

Signature

☒ Sign messages with key/secret with  
☐ Tool consumer key/secret  
☐ Link key/secret

Key

Secret

Custom Parameters

No items found.

Add custom parameters

Security Settings

☐ Use tool provider security settings  
☒ Use link security settings

- ☒ Send tool consumer information to tool provider
- ☒ Send context information to tool provider
- ☒ Send user ID to tool provider
- ☒ Send user name to tool provider
- ☒ Send user email to tool provider
- ☒ Send system username to tool provider
- ☒ Send system Org Defined ID to tool provider
- ☒ Send system role to tool provider
- ☒ Send link title to tool provider
- ☒ Send link description to tool provider

Make link available to:

☒ Current Org Unit: HE Brightspace

Add Org Units

Every Course Template under the Course Template: QA MY MEDIA ✗

Save and Close Save Cancel

5. In the Edit My Media Link, make sure that the following details are entered correctly:
  - a. URL - The same URL that was entered as a Launch point URL for the My Media Remote Plugin (Concatenation of the Launch point base URL and "/d2l/index/launch/target/my-media")
  - b. Allow users to view this Link is checked.
  - c. Signature - Sign messages with key/secret/with is checked
    - o Tool consumer key/secret is checked
  - d. All options under security settings are checked.
6. Click Add Org Units.
7. Select specific org units if you want the widget to be available specifically to them.  
You may also select:
  - o an upper level org unit
  - o all descendants
  - o descendants of a specific typeto have the My Media widget available to a group of org units.  
**Recommended:** We recommend that you select the top level org unit and all its descendants of type course offering.
8. Click Save and Close.

## Add My Media to the Navigation Bar

### To add My Media to the Navigation Bar

1. As the administrator of the org unit, for example, the instructor of a course, administrator of the university home page, etc., go to that org unit home page.



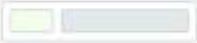
2. Hover over the navigation bar and click the pencil icon on the left. The Edit Navbar window is displayed.

**Edit Navbar**


Name \*  
LVU My Home

Description  
Enter a description

Availability  
☒ Share with child org units

 LVU My Home:  
[Change Theme](#)

Links

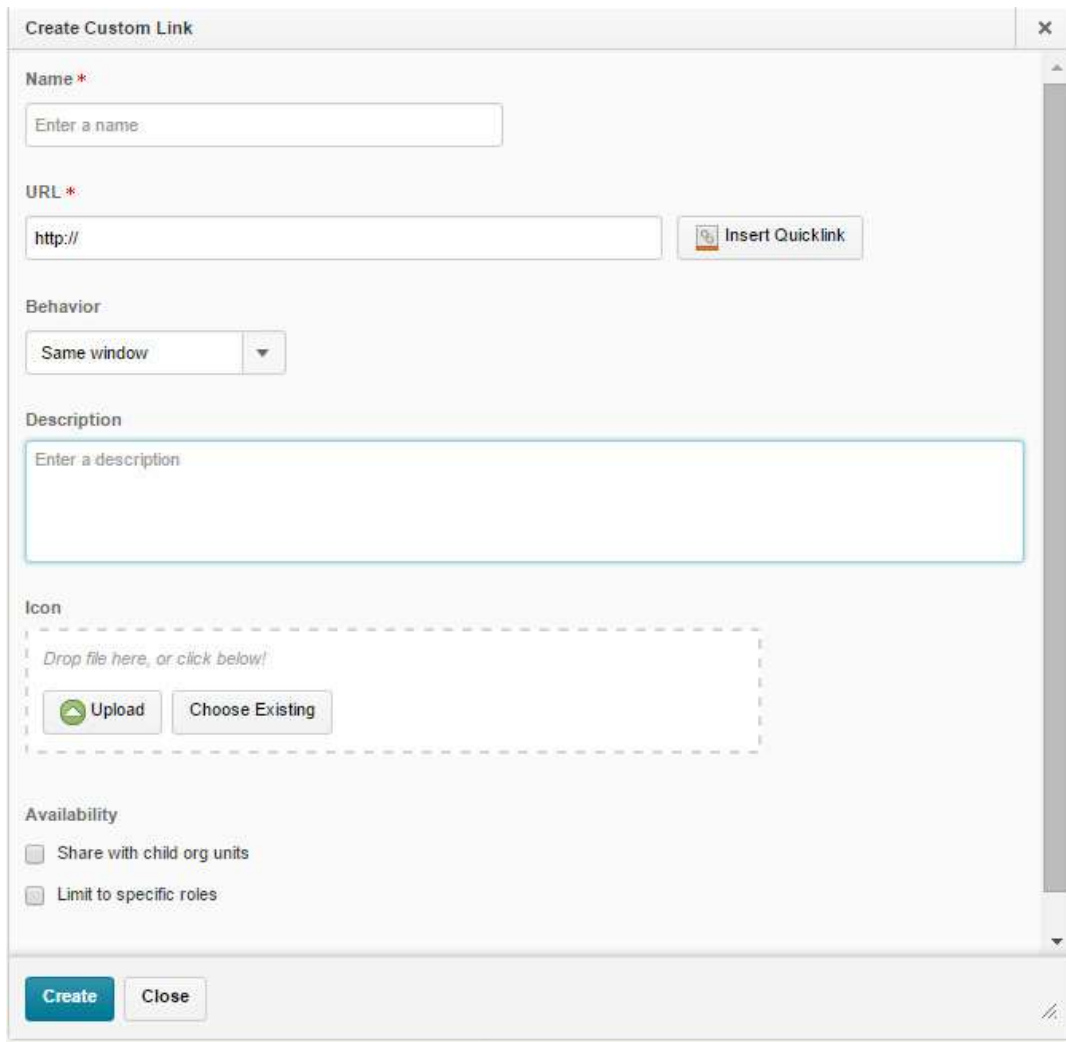
 Left Logo

[ePortfolio](#) [Locker](#) [Online Help](#) [My-Media](#)

[Create Custom Link](#) [Add Links](#)

[Save and Close](#) [Save](#) [Cancel](#)

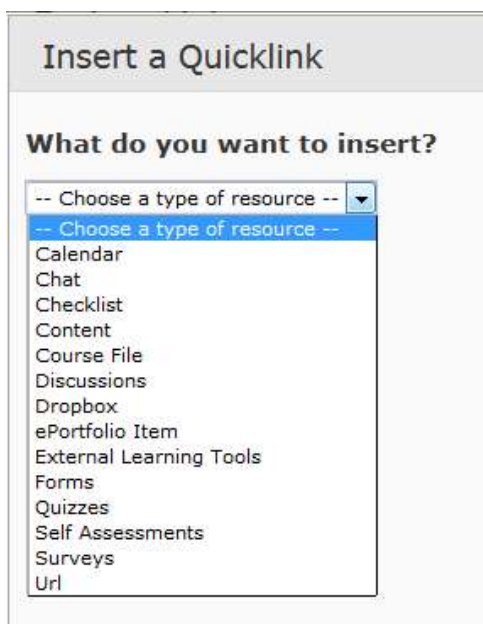
3. Click Create Custom Link.



The 'Create Custom Link' dialog box contains the following fields and controls:

- Name \***: A text input field with the placeholder 'Enter a name'.
- URL \***: A text input field with 'http://' and an 'Insert Quicklink' button to its right.
- Behavior**: A dropdown menu currently set to 'Same window'.
- Description**: A large text area with the placeholder 'Enter a description'.
- Icon**: A dashed box containing the text 'Drop file here, or click below!' and two buttons: 'Upload' and 'Choose Existing'.
- Availability**: Two checkboxes, 'Share with child org units' and 'Limit to specific roles', both of which are unchecked.
- Buttons**: 'Create' and 'Close' buttons at the bottom left.

4. In the Create Custom Link window, enter My Media as the Name.
5. Click Insert Quicklink.

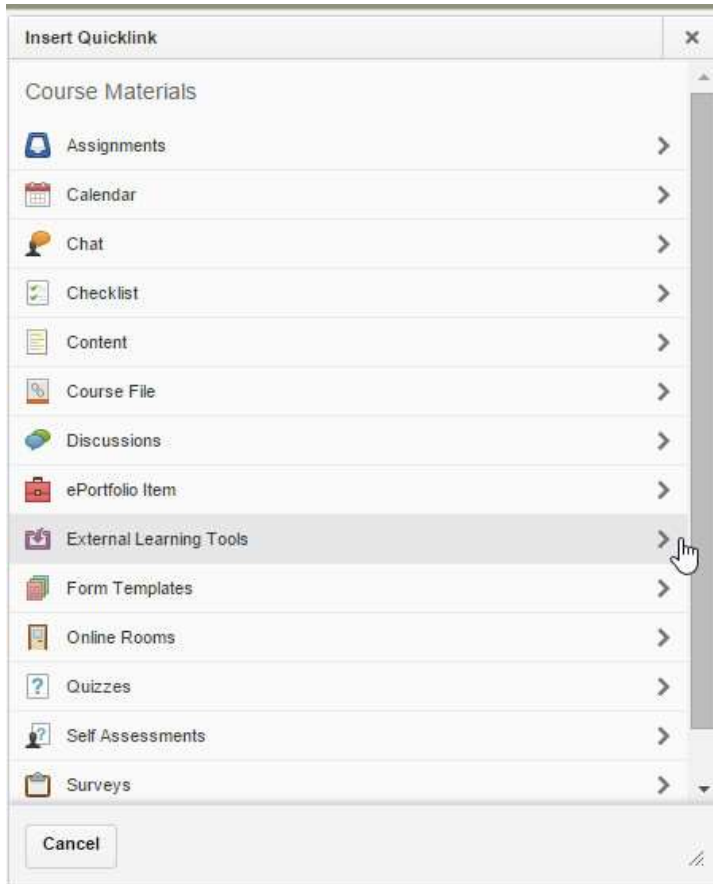


The 'Insert a Quicklink' dialog box displays a list of resource types under the heading 'What do you want to insert?':

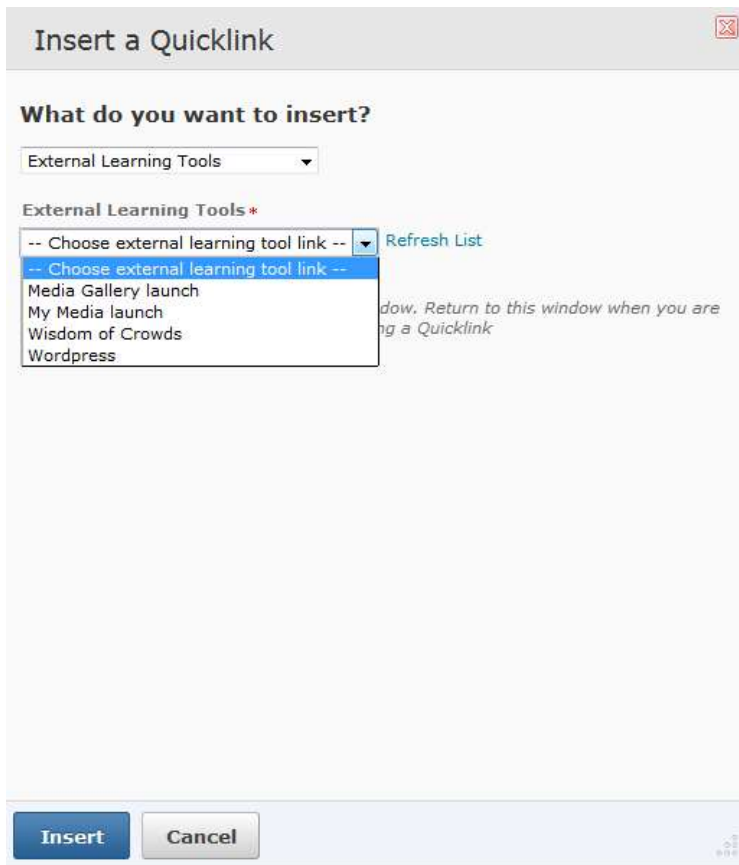
- Choose a type of resource -- (dropdown menu)
- Choose a type of resource -- (highlighted item)
- Calendar
- Chat
- Checklist
- Content
- Course File
- Discussions
- Dropbox
- ePortfolio Item
- External Learning Tools
- Forms
- Quizzes
- Self Assessments
- Surveys
- Url



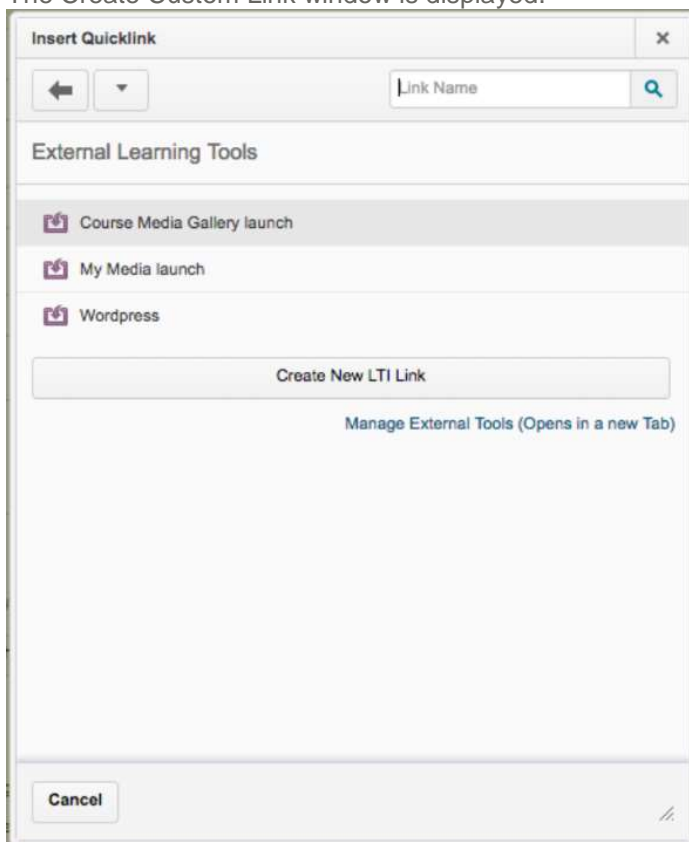
**6.** Select External Learning Tools.



**7.** In the Insert a Quicklink window select My Media launch and click Insert.



The Create Custom Link window is displayed.



8. In the Create Custom Link window:
  - a. Prefix the URL with protocol and domain of your Brightspace site.
  - b. For example, if the original URL is:  
/d2l/common/dialogs/quickLink/quickLink.d2l?ou={orgUnitId}&type=Iti&rCode=Extensibil-123&srcou=4567 and your domain is: <https://www.mydesire2learnurl.com>, the URL should be:  
<https://www.mydesire2learnurl.com/d2l/common/dialogs/quickLink/quickLink.d2l?ou={orgUnitId}&type=Iti&rCode=Extensibil-123&srcou=4567>
  - c. Select Same window in the Behavior field.
  - d. Click Create.
9. Click Save and Close.

# Installing Media Gallery

This section describes how to install Media Gallery, the course media repository, as a widget and/or a navigation bar.

Installing Media Gallery consists of the following tasks:

- [Setting up Media Gallery as a Widget](#)
- [Setting up Media Gallery as a Navigation Bar Link](#)

## Setting up Media Gallery as a Widget

Perform the following tasks:

- [Add Media Gallery as a Remote Plugin](#)
- [Add Media Gallery as a Widget](#)

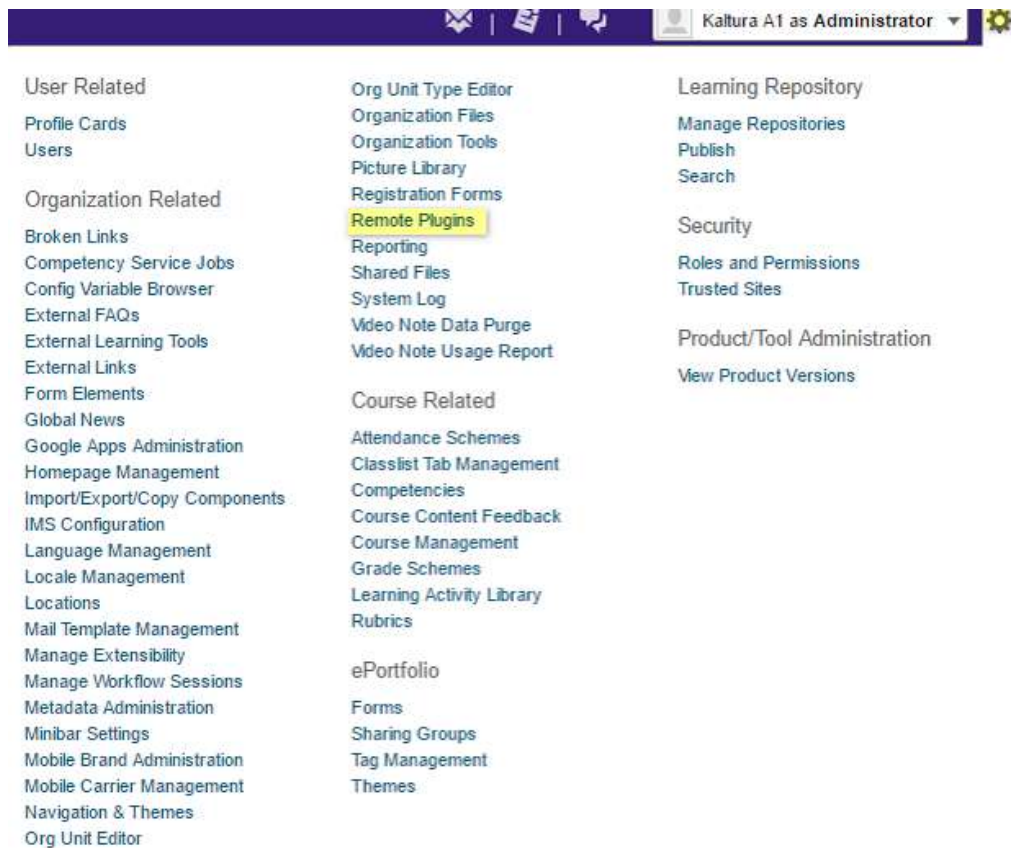
## Add Media Gallery as a Remote Plugin

 **To set up Media Gallery - Add Remote Plugins**



**NOTE:** This is the same flow as installing My Media with the differences of the Launch Point URL and the recommended org unit availability.

1. Login to your Brightspace environment as an administrator.
2. Click the Admin Tools icon (gear) on the top right side and click Remote Plugins.



3. Click 'New Remote Plugin'.

**Create a new Remote Plugin**

Plugin Type: Widget Height: 400

Name \*

Launch Point URL \*

LTI Key  LTI Secret

System Test URL  Run Test

Test Results  
Test has not been run.

Description

Icon URL  Icon Preview

Make available to:  
☒ Current Org Unit: HE Brightspace  
Add Org Units

Save Cancel

4. Enter or set the following details:
  - a. Plugin Type – set to “Widget”.
  - b. Name – the name you want the widget to have. Recommended: “Media Gallery”.
  - c. Launch Point URL – Concatenate the Launch point base URL and “/d2l/index/launch/target/course-gallery”, so that you have a string in the following pattern: “{http(s)://base.url.com}/d2l/index/launch/target/course-gallery”  
 For example: 12345.kaf.kaltura.com/d2l/index/launch/target/course-gallery.
  - d. LTI KEY - your partner ID. This can be obtained in your KMC under Settings > Integration Settings. See [To access the account info in the KMC](#).
  - e. LTI Secret - the admin secret of your Kaltura account. This can be obtained in your KMC under Settings > Integration Settings. See [To access the account info in the KMC](#).
5. (Optional) Click Add Org Units.

## Add Org Units

Search For:

[Show Search Options](#)

☐
Page: 1 of 2
20
per page

Name ▲, Code	Type	Options
<input type="checkbox"/> 2012 Spring, 2012SP	Semester	<input checked="" type="radio"/> This org unit <input type="radio"/> All descendants <input type="radio"/> All descendants of type: Course Offering
<input type="checkbox"/> 2012 Winter, 2012WI	Semester	<input checked="" type="radio"/> This org unit <input type="radio"/> All descendants <input type="radio"/> All descendants of type: Course Offering
<input type="checkbox"/> 2013 Spring, 2013SP	Semester	<input checked="" type="radio"/> This org unit <input type="radio"/> All descendants <input type="radio"/> All descendants of type: Course Offering
<input type="checkbox"/> 2013 Winter, 2013WI	Semester	<input checked="" type="radio"/> This org unit <input type="radio"/> All descendants <input type="radio"/> All descendants of type: Course Offering
<input type="checkbox"/> Administration, ADMIN	Department	<input checked="" type="radio"/> This org unit <input type="radio"/> All descendants <input type="radio"/> All descendants of type: Course Offering
<input type="checkbox"/> BulkCourseCreate, BCC	Course Offering	<input checked="" type="radio"/> This org unit

6. (Optional) Select specific org units if you want the widget to be available specifically to them. You may also select:
- ☐ This org unit
  - ☐ All descendants

- All descendants of type

to have the Media Gallery widget available to a group of org units.

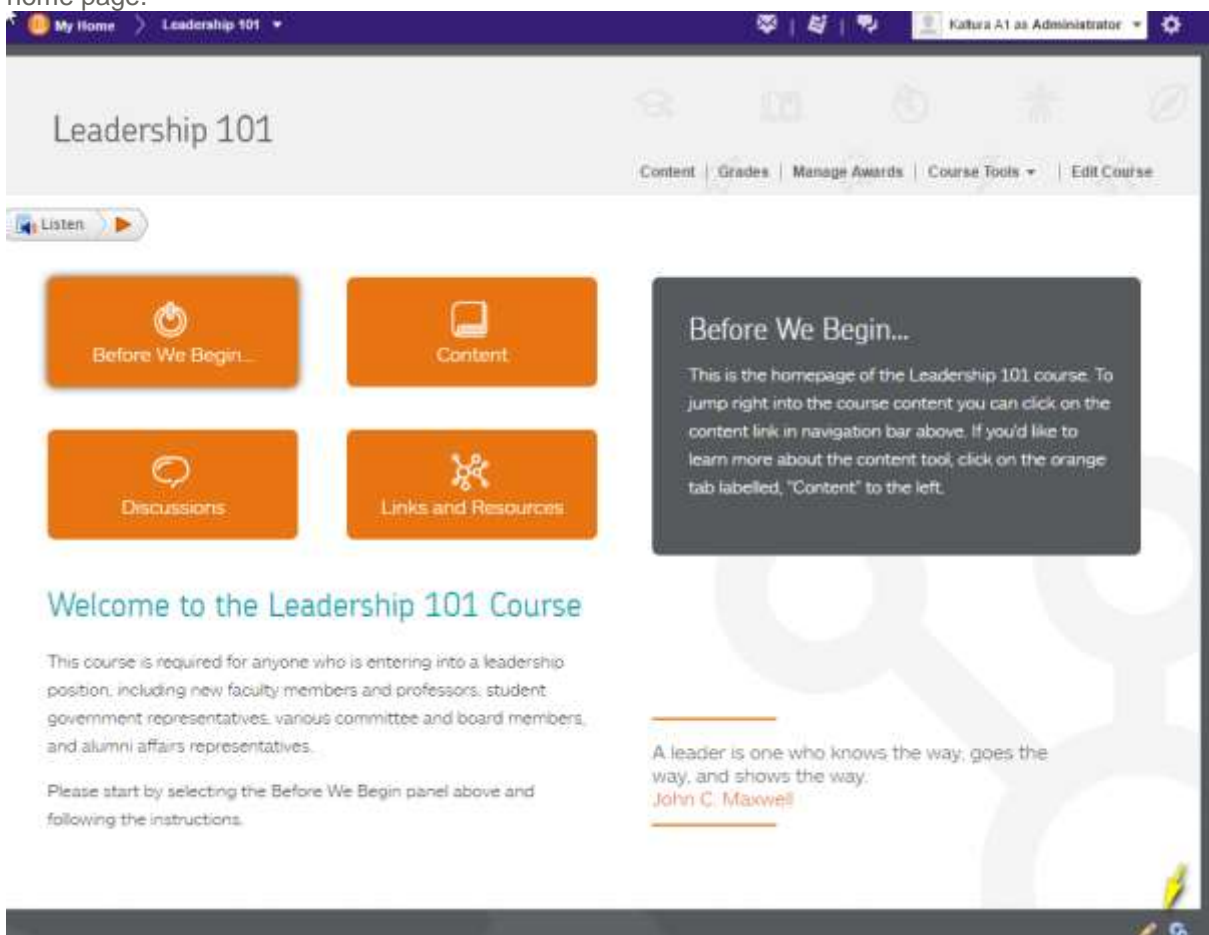
**Recommended:** We recommend that you select all Course Offering and Course Templates types org units.

7. Click Insert.
8. Click Save.

## Add Media Gallery as a Widget

### To add Media Gallery as a widget

1. As the administrator of the org unit, for example, the instructor of a course, go to that org unit home page.



2. Scroll down to the bottom of the page and click the pencil icon. The Edit Homepage window is displayed.

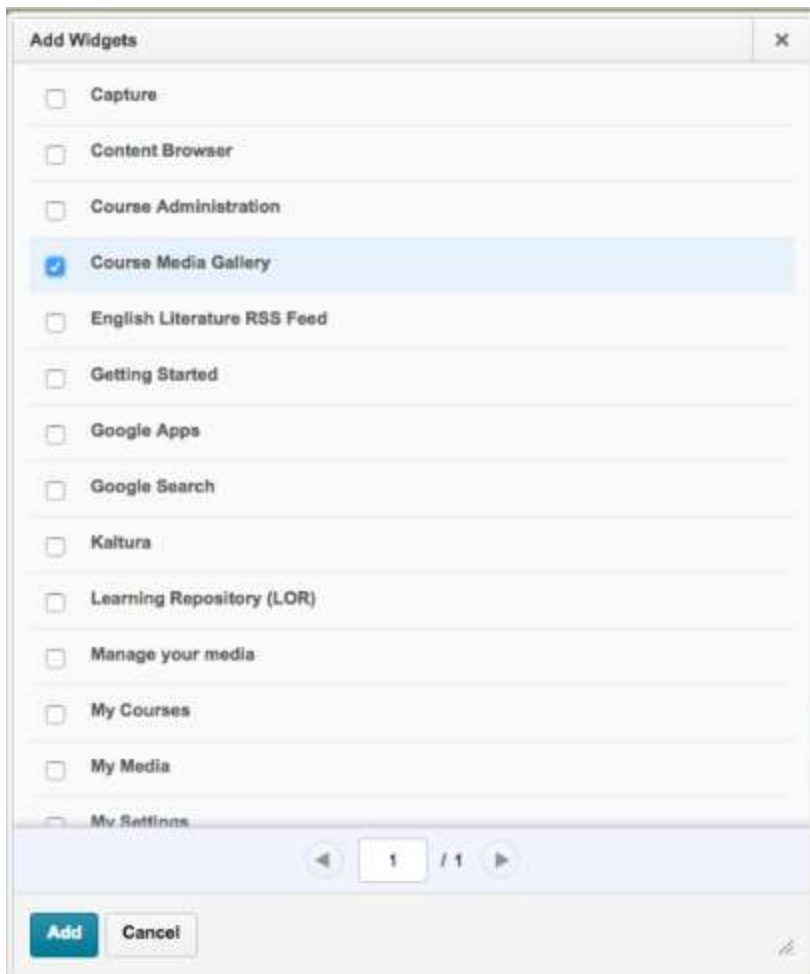


The screenshot shows the 'Edit Homepage' interface for a course titled 'Leadership 101'. At the top, there is a navigation bar with links for 'Content', 'Grades', 'Manage Awards', 'Course Tools', and 'Edit Course'. Below the course title, the 'Edit Homepage' section contains several fields: 'Name' (set to 'Leadership Homepage'), 'Description' (with a placeholder 'Enter a Description'), and 'Type' (set to 'Widget-based'). There is also a 'Header' section with a checkbox for 'Include homepage header' and a 'Restore Default Header Text' button. The 'Layout' section shows a preview of a single panel and a 'Change Layout' button. The 'Widgets' section displays a single widget labeled 'leadership dashboard' and an 'Add Widgets' button. At the bottom, there are 'Save and Close', 'Save', and 'Cancel' buttons.

3. Under the Widgets section, in the area where you want to add the Media Gallery widget, click Add Widgets.



**NOTE:** For the optimal user experience, we recommend that you add the widget to a widget area that uses the maximum available screen's width.



4. Check Media Gallery and click Add.
5. Click Save.

## Setting up Media Gallery as a Navigation Bar Link



**NOTE:** This is the same flow as installing My Media with the differences of the URL and the recommended org unit availability.

You will need to:

- [Configure the External Tools link for Media Gallery](#)
- [Add Media Gallery to the Navbar](#)

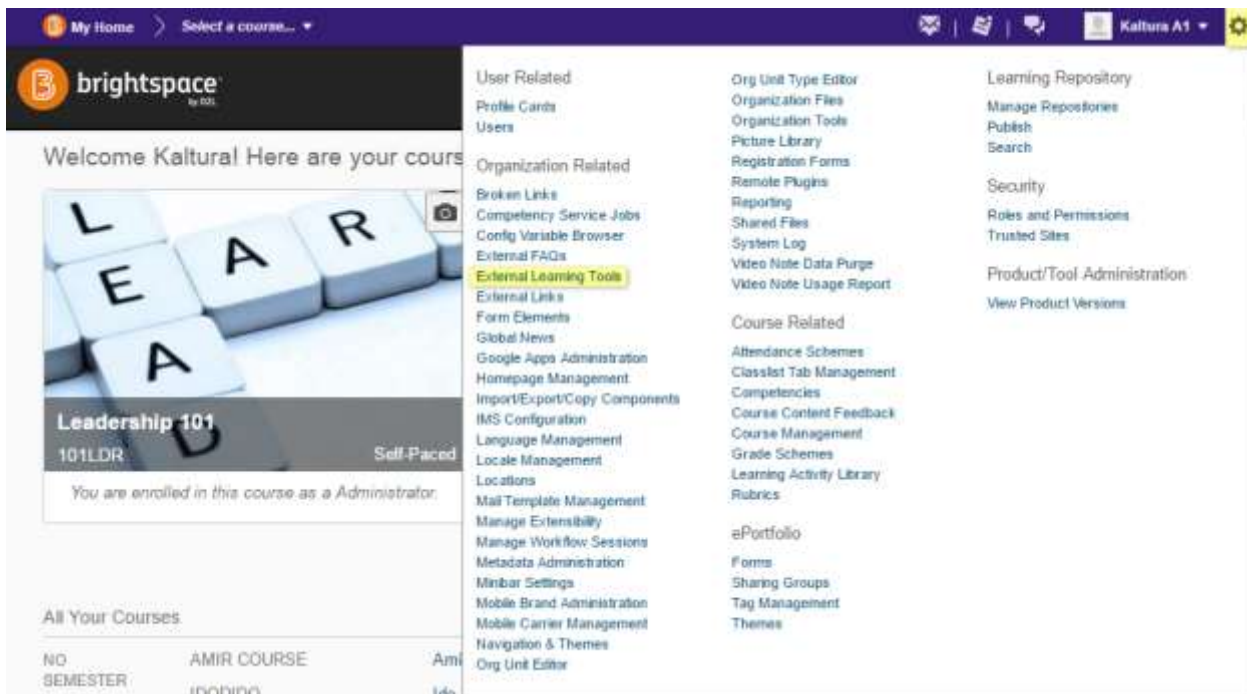
## Configure the External Tools link for Media Gallery



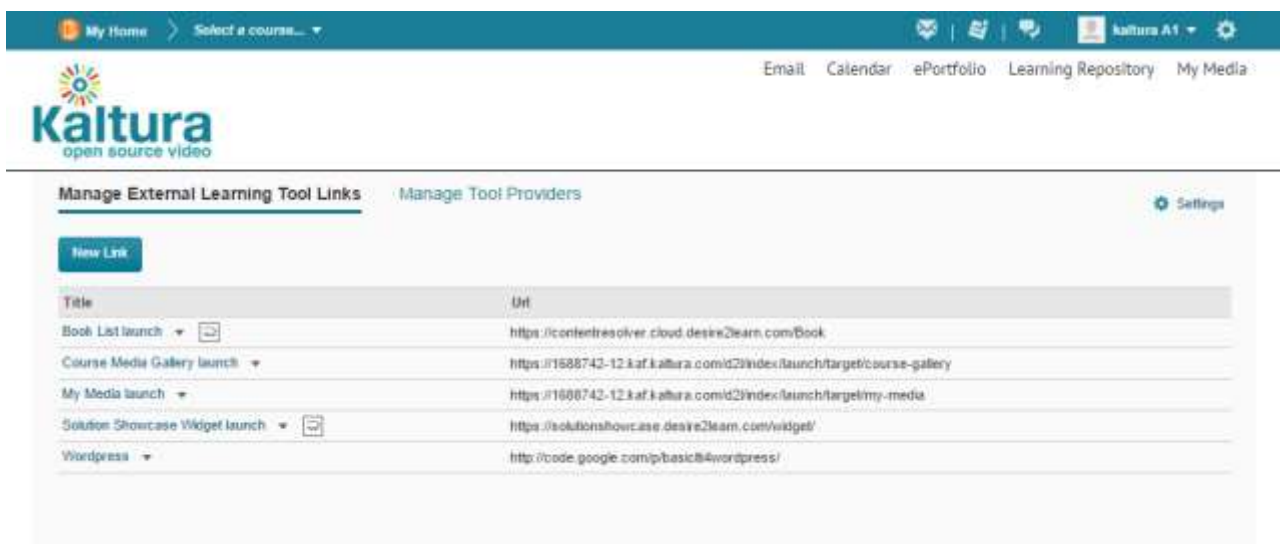
**To configure the External Learning Tools link for Media Gallery**

1. Login to your Brightspace environment as an administrator.
2. Click the Admin Tools icon (gear) on the top right side.

- Click the External Learning Tools link.



The Manage External Learning Tool Links window is displayed.



- Find the Media Gallery link and click it.


Edit Link - Media Gallery launch ▾

### Properties

**Title \***  
Media Gallery launch

**URL \***  
https://base.url.com/mediaspace5/public/hosted/index/course-

**Description**  


Media Gallery launch

**Visibility**  
☒ Allow users to view this link

### Key/Secret

**Signature**  
☒ Sign messages with key/secret with  
☒ Tool consumer key/secret  
☐ Link key/secret

**Key**

**Secret**

**Custom Parameters**  

No items found.

+ Add custom parameters 1

### Security Settings

☒ Send tool consumer information to tool provider  
☒ Send context information to tool provider  
☒ Send user ID to tool provider  
☒ Send user name to tool provider  
☒ Send user email to tool provider  
☒ Send system username to tool provider  
☒ Send system Org Defined ID to tool provider  
☒ Send system role to tool provider  
☒ Send link title to tool provider  
☒ Send link description to tool provider

**Make link available to:**  
☒ Current Org Unit: Lake Valley University  

Add Org Units

The Course Offering: **Biology 101** ✖

Save

Cancel

5. Make sure that the following details are entered correctly:
  - a. URL - The same URL that was entered as a Launch point URL for the My Media Remote Plugin (Concatenation of the Launch point base URL and "/d2l/index/launch/target/course-gallery")
  - b. Allow users to view this Link is checked.
  - c. Signature - Sign messages with key/secret is checked
  - d. Tool consumer key/secret is checked.
  - e. All options under security settings are checked.
6. (Optional) Click Add Org Units.
7. (Optional) Select specific org units if you want the widget to be available specifically to them.  
You may also select:
  - an upper level org unit
  - all descendants
  - descendants of a specific typeto have the Media Gallery widget available to a group of org units.  
**Recommended:** all Course Offering and Course Templates types org units.
8. Click Insert.
9. Click Save.

## Add Media Gallery to the Nav Bar






### To add Media Gallery to the Navigation Bar

1. As the administrator of the org unit, for example, the instructor of a course, administrator of the university home page, etc., go to that org unit home page.



2. Hover over the navigation bar and click the pencil icon on the left. The Edit Navbar window is displayed.

# Leadership 101



Content | Grades | My Awards | Manage Awards | Course Tools ▾ | Edit Course

## Edit Navbar


Name \*

Description

leadership

Change Theme

### Links

Left Logo

Content

Grades

My Awards

Manage Awards

Course Tools ▾

Help ▾

Edit Course

Create Custom LinkAdd Links

Save and Close

Save

Cancel

- Click Create Custom Link.

**Create Custom Link**

Name \*

Media Gallery

URL \*

<https://your-D2L-URL.com/d2l/common/dialogs/quickLink/quickLink.d2l?ou={org}> Insert Quicklink

Behavior

Same window ▼

Description

Enter a description

Icon

Drop file here, or click below!

Upload Choose Existing

Availability

☐ Share with child org units

☐ Limit to specific roles

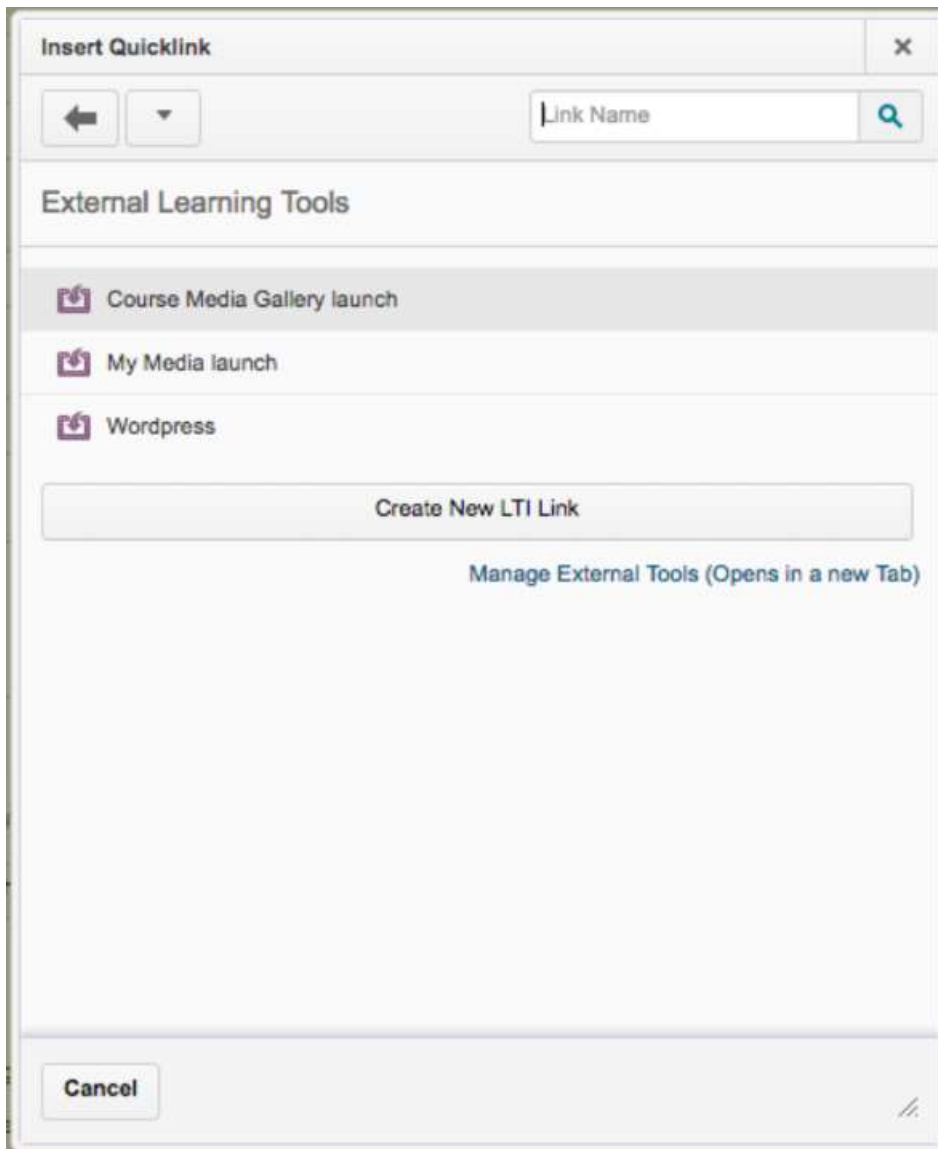
Create Close

4. Enter Media Gallery as the name.
5. Click Insert Quicklink.



6. Select External Learning Tools.
7. In the Insert a Quicklink window select Media Gallery launch and click Insert.





8. Prefix the URL with protocol and domain of your Brightspace site.  
For example, if the original URL is:  
/d2l/common/dialogs/quickLink/quickLink.d2l?ou={orgUnitId}&type=Iti&rCode=Extensibil-124&srcou=4568 and your domain is: <https://www.mydesire2learnurl.com>, the URL should be:  
`https://www.mydesire2learnurl.com/d2l/common/dialogs/quickLink/quickLink.d2l?ou={orgUnitId}&type=Iti&rCode=Extensibil-124&srcou=4568`
9. Select Same window in the Behavior field.
10. Click Create.
11. Click Save and Close.

## SECTION 4

# Using My Media in Insert Stuff

This part of the integration is maintained by D2L.

Please contact your D2L representative and request to enable DMS 3.0 on your environment.

Follow the instructions in the [Kaltura Video Extension for Brightspace by D2L Setup Guide](#).

An account is required to access the documentation.

