Kaltura Brightspace by D2L Video Extension

Installation Guide

Version: Kaltura 3.0

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Contents

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.

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.

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.
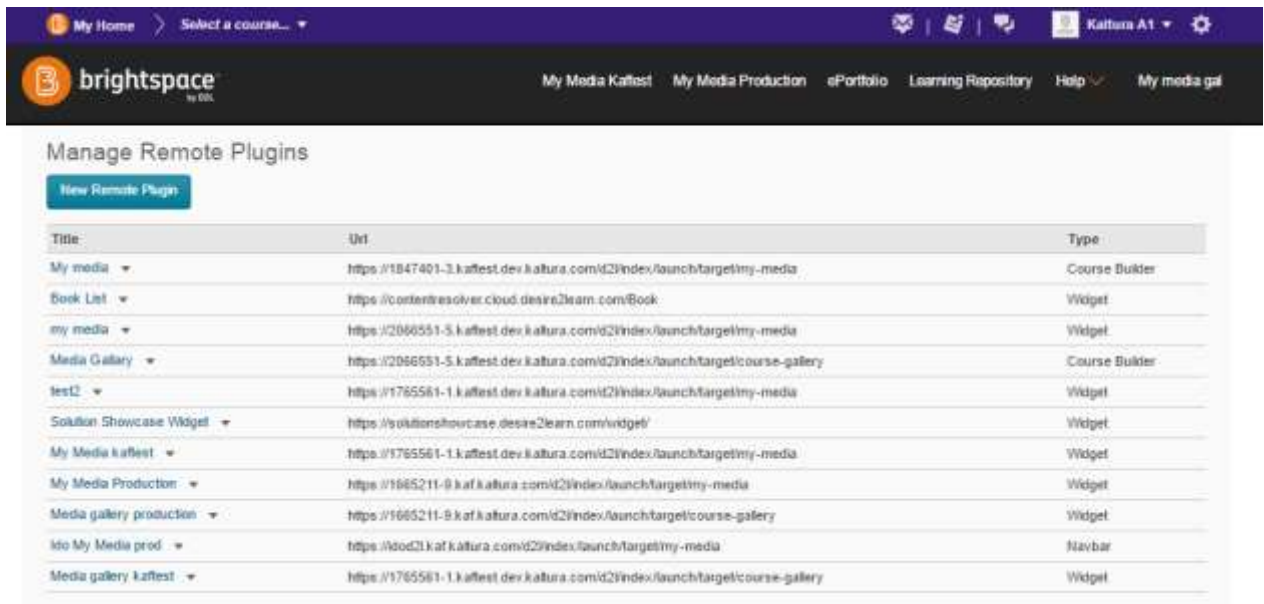- Add My Media as a Widget

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.
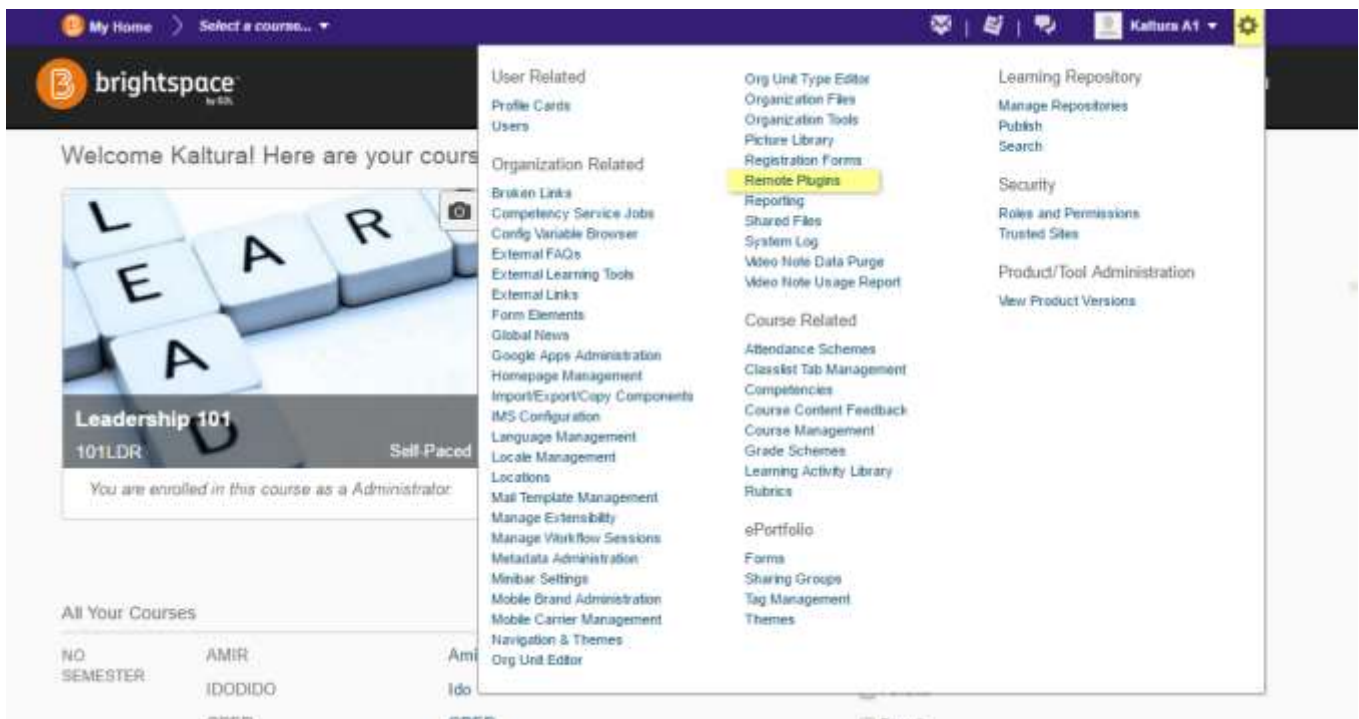
The Manage Remote Plugins window is displayed.

3. Click 'New Remote Plugin.'

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.

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

   o   This org unit

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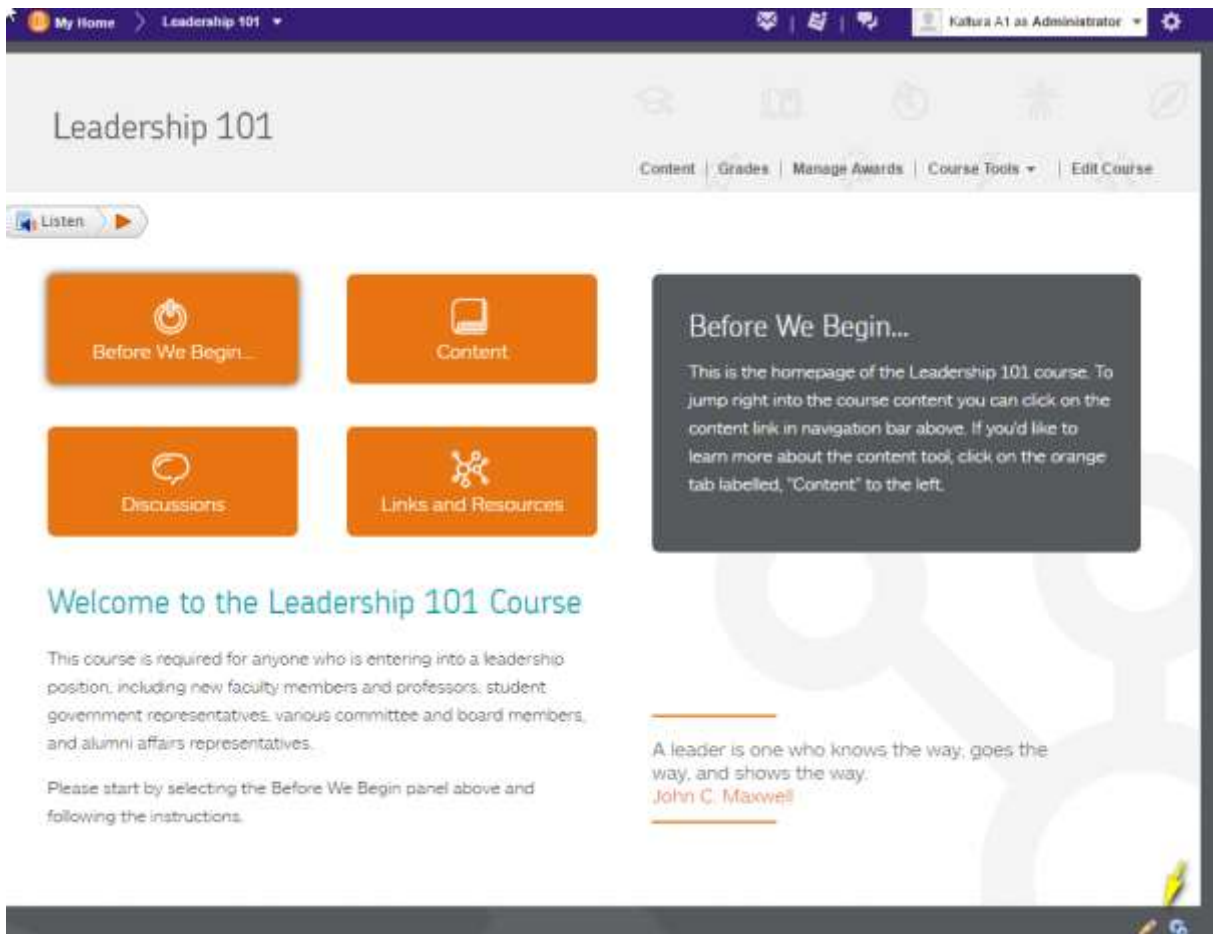
2. Scroll down to the bottom of the page and click the pencil icon. The Edit Homepage window is displayed.

Edit Homepage

Name *

My Home - Organizational Homepage

Description

hi, this is used by Ido A.

Sharing

☑ Share with child org units

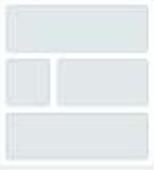Type

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   Content Browser

Calendar   User Links

Add Widgets   Add Widgets

Media gallery kaftest

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

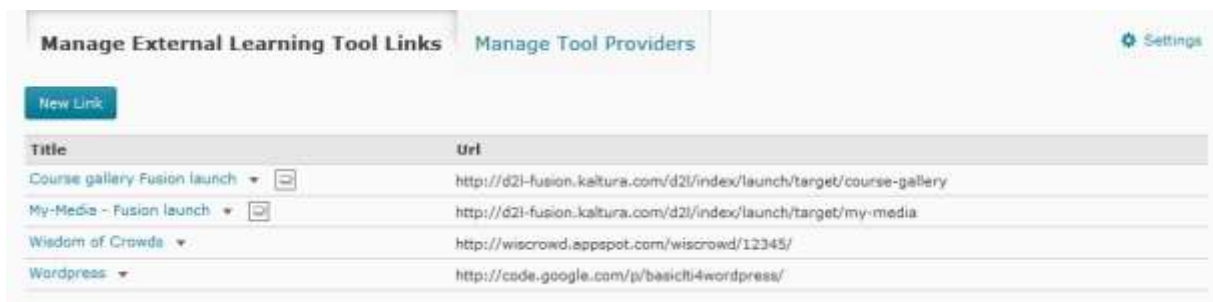▤ **To configure the External Learning Tools link for My Media**

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.
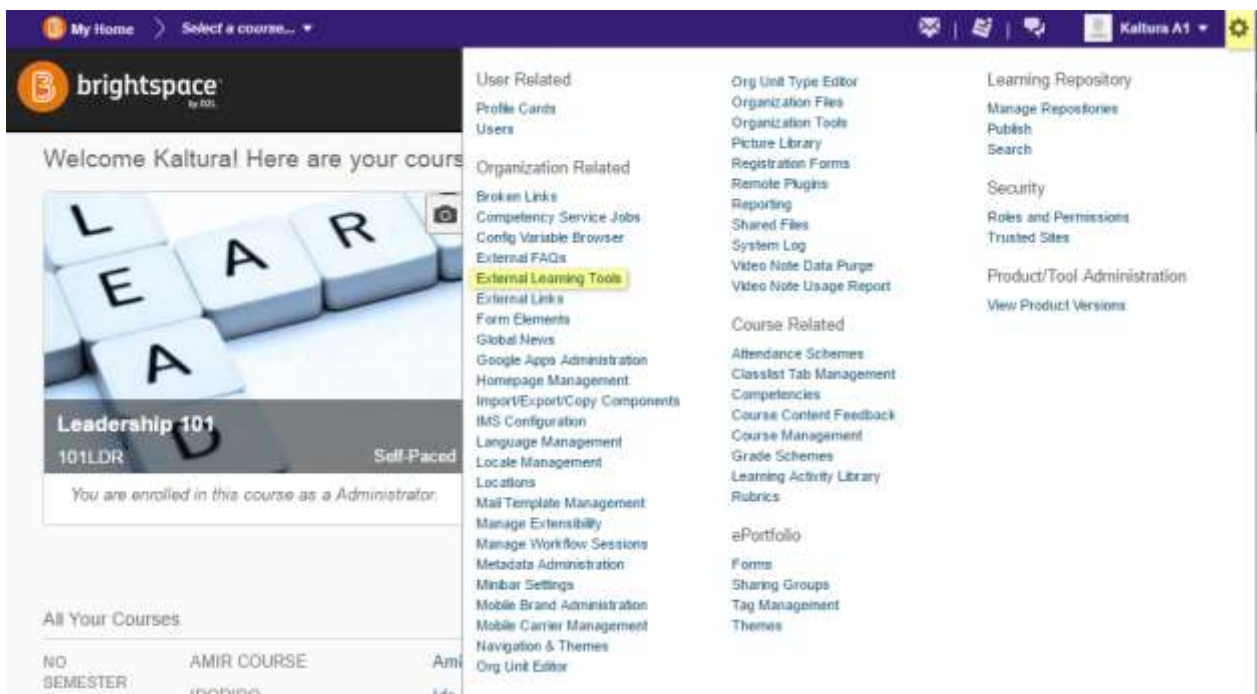
The Manage External Learning Tool Links window is displayed.

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

Edit Link - My media launch   ▾

Properties

Title *

My media

URL *

https://   aftest.dev.kaltura.com/d2l/index/launch/targetm

Description

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 1

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 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.

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.

3. Click Create Custom Link.

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

6. Select External Learning Tools.
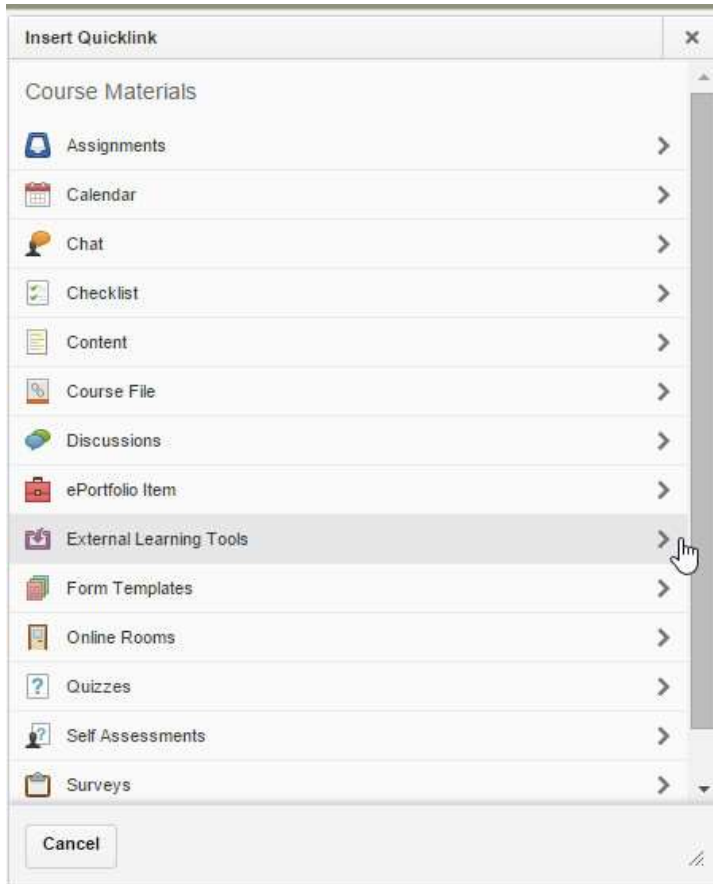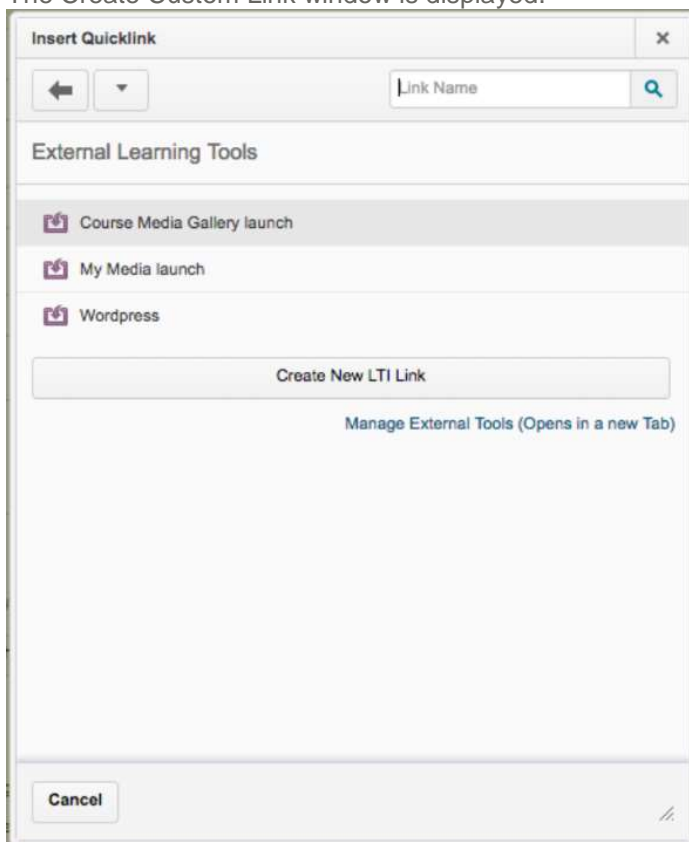

7. In the Insert a Quicklink window select My Media launch and click Insert.
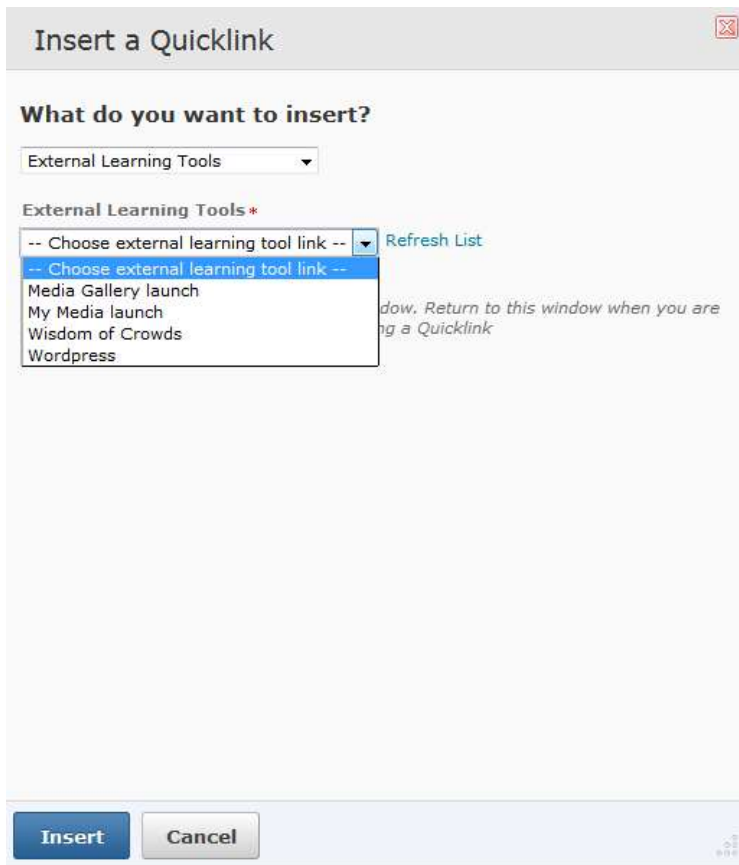
The Create Custom Link window is displayed.

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=lti&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=lti&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.
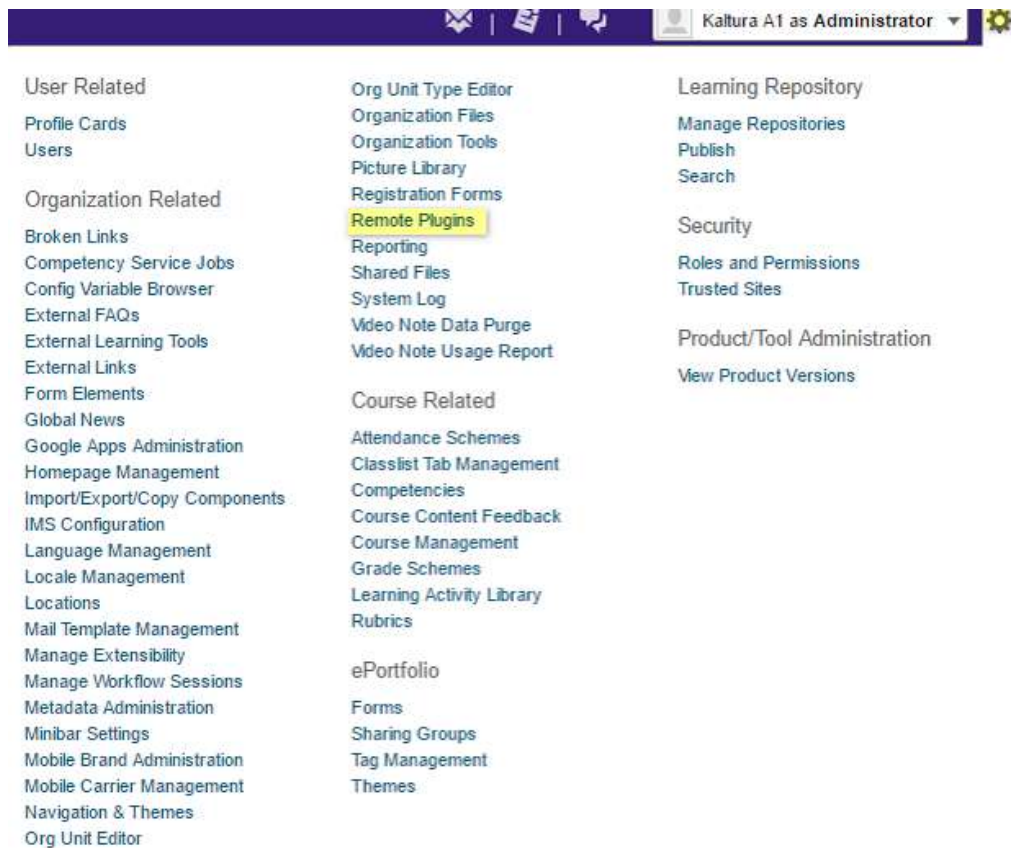
3. Click 'New Remote Plugin'.

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.

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

     o   All descendants of type

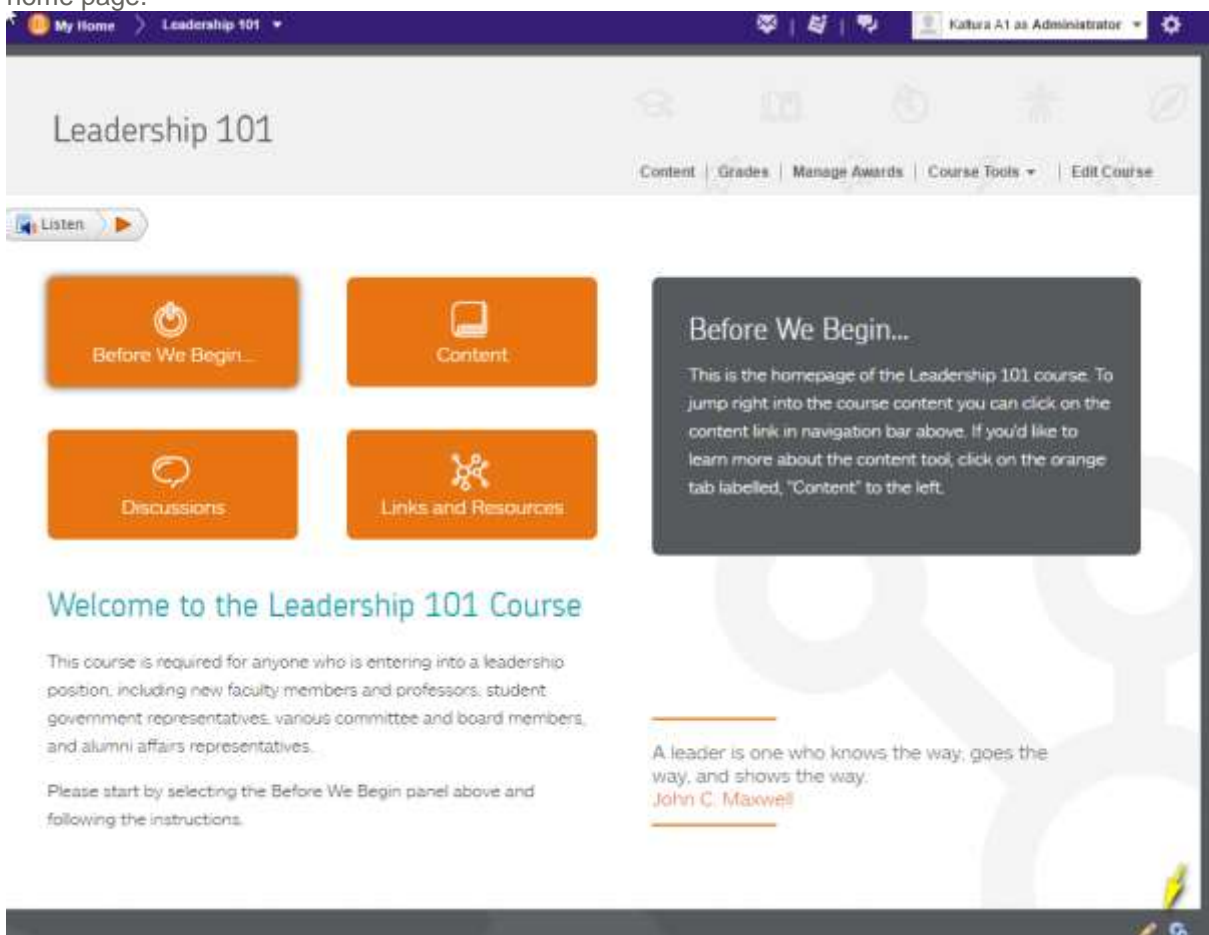to have the Media Gallery widget available to a group of org units.
Recommended: We recommend that you select all Course Offering and Course Templates types org units.

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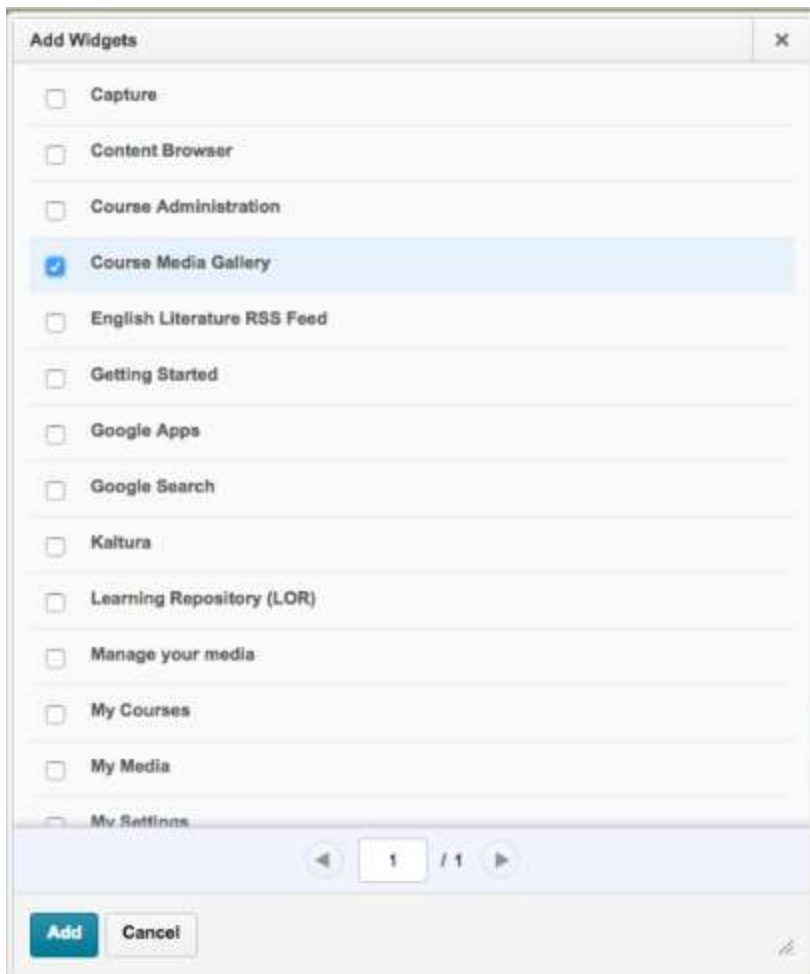
3. Under the Widgets section, in the area where you want to add the Media Gallery widget, click Add Widgets.

> **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
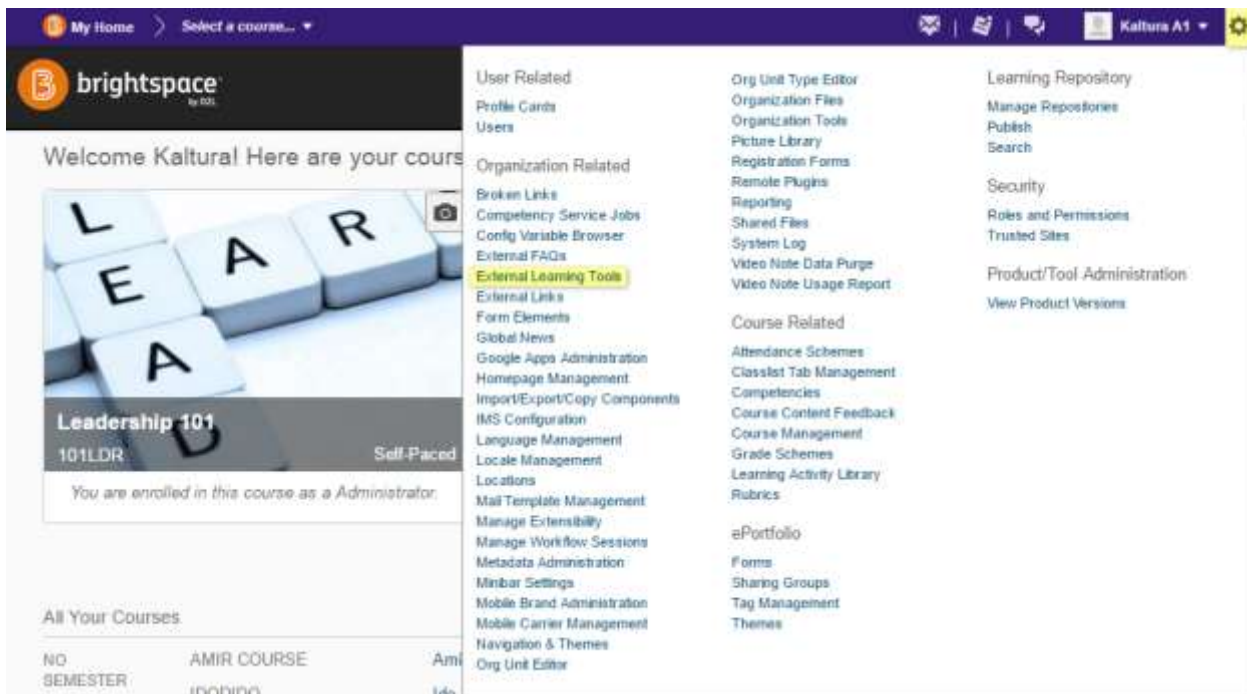- Add Media Gallery to the Navbar
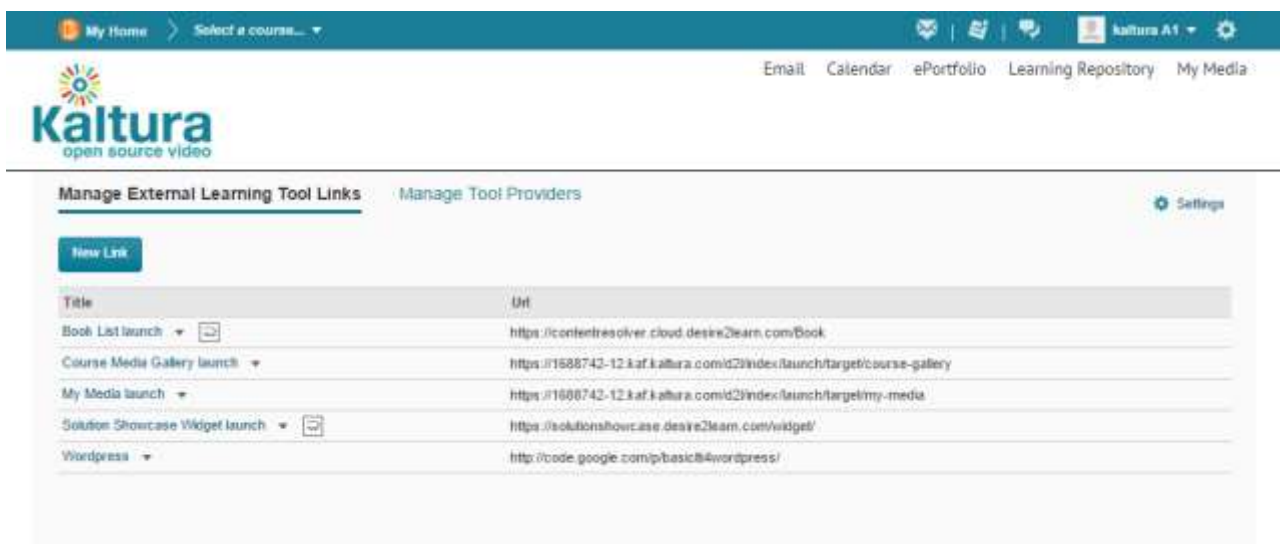
Configure the External Tools link for Media Gallery

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.

3. Click the External Learning Tools link.

The Manage External Learning Tool Links window is displayed.

4. 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:

    o   an upper level org unit

    o   all descendants

    o   descendants of a specific type

    to 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.

3. Click Create Custom Link.
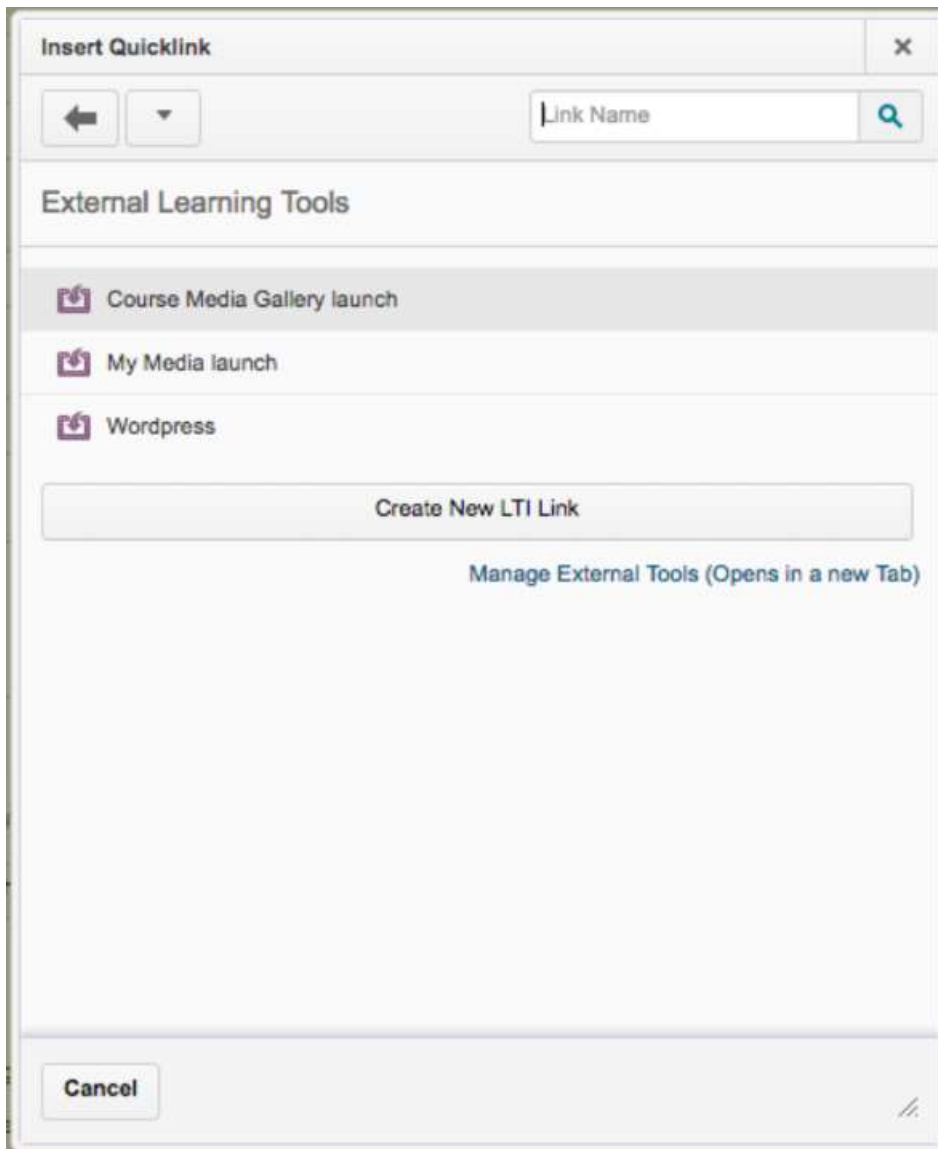
4. Enter Media Gallery as the name.

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=lti&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=lti&rCode=Extensibil-124&srcou=4568

9. Select Same window in the Behavior field.

10. Click Create.

11. Click Save and Close.

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.