

Kaltura Desire2Learn (D2L) TM Deployment Guide

Version: Digital Media Services 3.0

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Preface

This preface contains the following topics:

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

About this Manual

This guide describes how to deploy the Kaltura extension for Desire2Learn Learning Suite 10.1 and 10.2, and is referred to as “Desire2Learn Digital Media Services – 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 Desire2Learn 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

Deploying Desire2Learn Digital Media Services – Kaltura

The following workflow describes the deployment process.



Workflow: Provides workflow information.

1. [Verify that your system meets the requirements and contact a Kaltura representative.](#)
2. [Deploy My Media as a Widget and Navigation Bar Link.](#)
3. [Deploy Media Gallery as a Widget and Navigation Bar Link.](#)

Prerequisites

The following are prerequisites for the Kaltura D2L DMS 3 plugin.

- Desire2Learn Learning Suite of version 10.1 or above
- A Kaltura account

Before Starting the Deployment Process

Contact your Kaltura representative to create a Kaltura Application instance for your Desire2Learn Digital Media Services – Kaltura, Version 3.

You should receive the following:

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

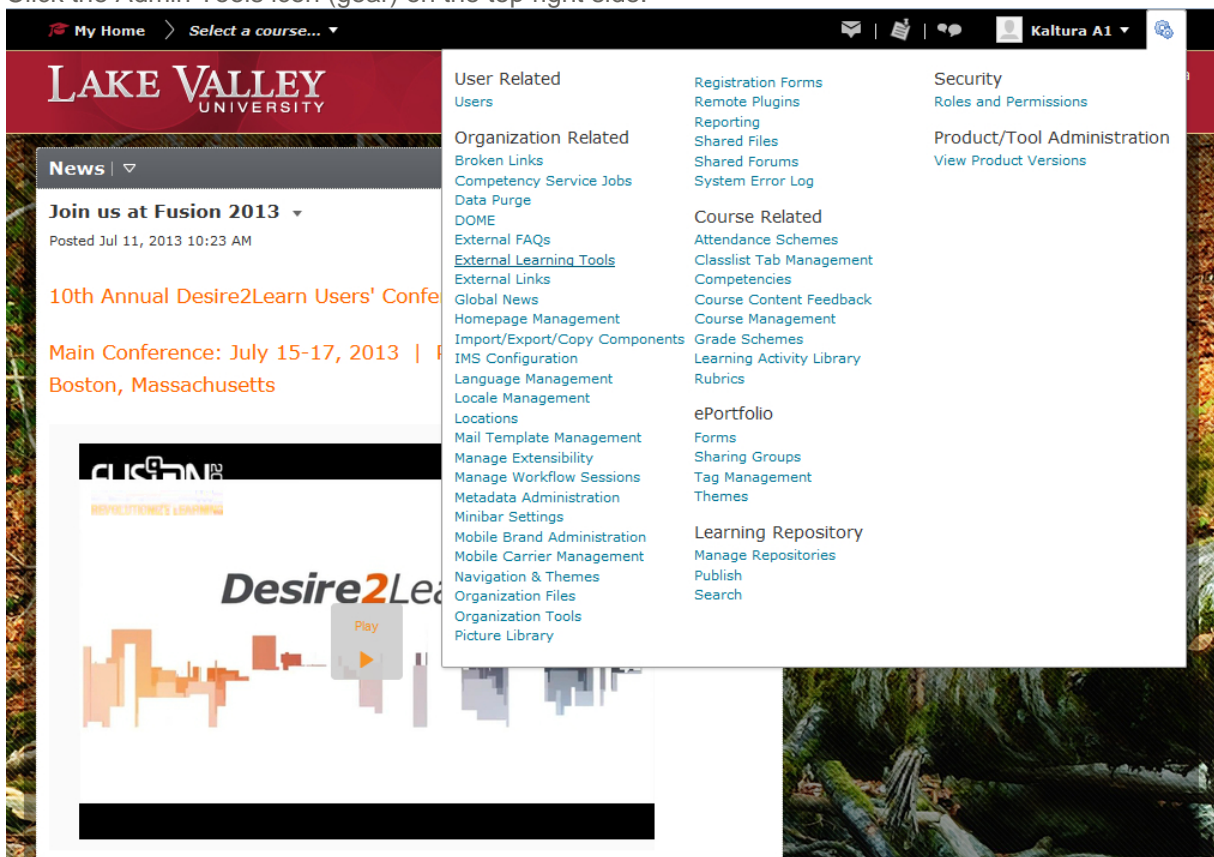
SECTION 3

Deploy My Media as a Widget and Navigation Bar Link

This section describes how to deploy My Media as a widget and navigation bar.

To set up My Media as a widget

1. Login to your Desire2Learn Learning Suite as the administrator.
2. Click the Admin Tools icon (gear) on the top right side.



3. Click Remote Plugins.

Manage Remote Plugins

[New Remote Plugin](#)

Title	Url
My-Media	http://d2l-fusion.kaltura.com/d2l/index/launch/target/my-media
Course Gallery	http://d2l-fusion.kaltura.com/d2l/index/launch/target/course-gallery

4. Click 'New Remote Plugin.'

Create a new Remote Plugin

Plugin Settings

Launch Point

Secret

Key

Name

Description

Small Icon

Large Icon

System Test

Test Results
Test not passed or not run

Plugin Type
Course Builder ▾

Make remote plugin available to:
☒ Current Org Unit: **Kaltura**

5. Enter the following details:
 - a. Launch Point – 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.mediaspace.kaltura.com/d2l/index/launch/target/my-media.
 - b. 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](#).
 - c. 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](#).
 - d. Name – the name you want the widget to have. Recommended: “My Media”.
 - e. Plugin Type – set to “Widget”.
6. 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

7. Select specific org units if you want the widget to be available specifically to them.

You may also select:

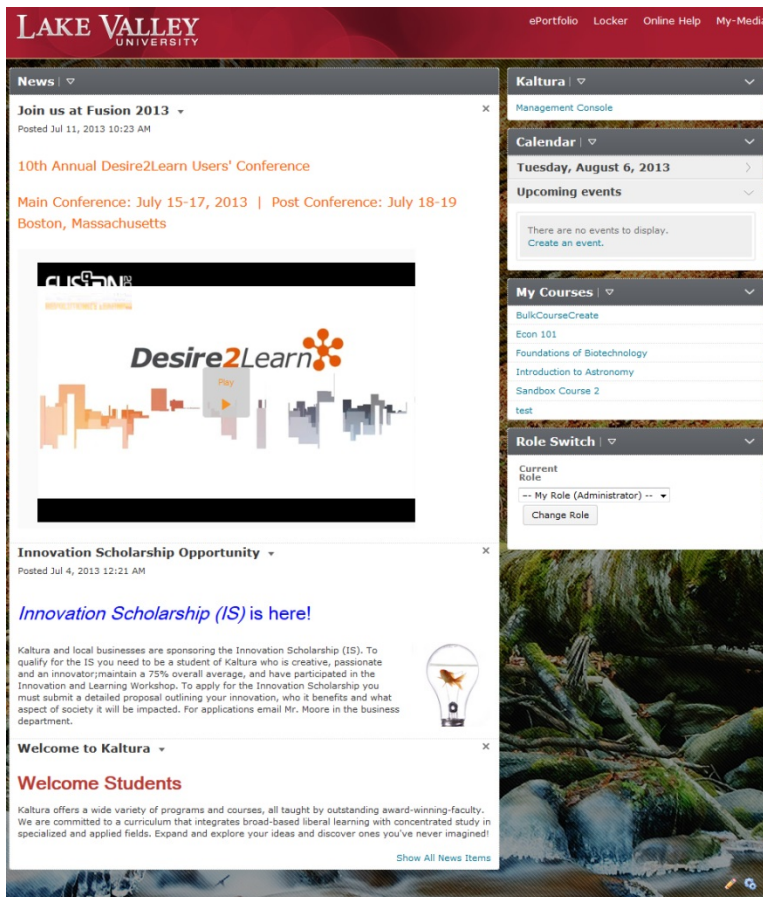
- an upper level org unit
- all descendants

Deploy My Media as a Widget and Navigation Bar Link

- descendants of a specific type
to have the My Media widget available to a group of org units.
Recommended: the top level org unit and all its descendants of type course offering.
8. Click Insert.
 9. Click Save

To add My Media widget to an org unit home page

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.

Deploy My Media as a Widget and Navigation Bar Link

LAKE VALLEY UNIVERSITY ePortfolio Locker Online Help My-Media

Edit Homepage

Name •
My Home

Description
First page you see when you log in.

Sharing
☐ Share with child org units

Type
Widget-based

Header
☐ Include homepage header
Restore Default Header Text
What replace strings can I use in a custom title?

Layout
Basic Plus
Three panels: one large panel on the left and one smaller panel on the right with a footer panel.
Change Layout

Widgets

News

Add Widgets

Kaltura

Calendar

My Courses

Role Switch

Add Widgets

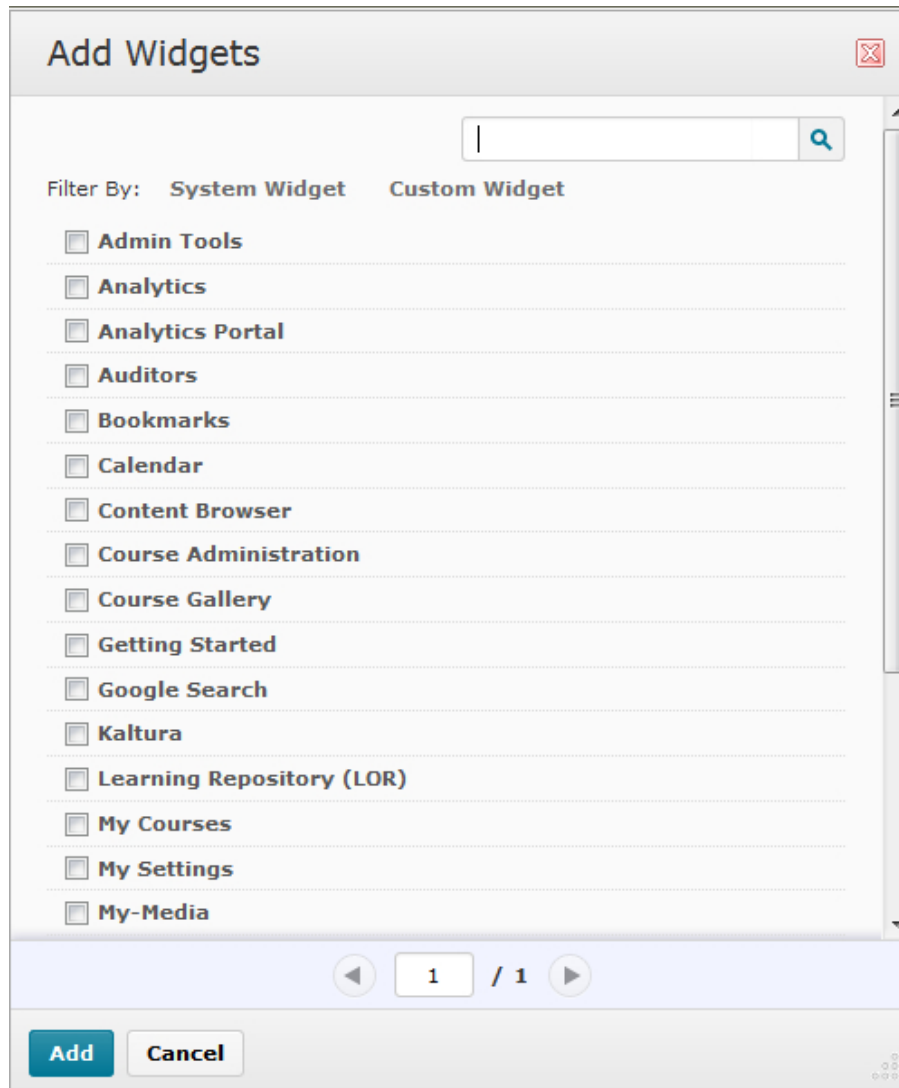
Add Widgets

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



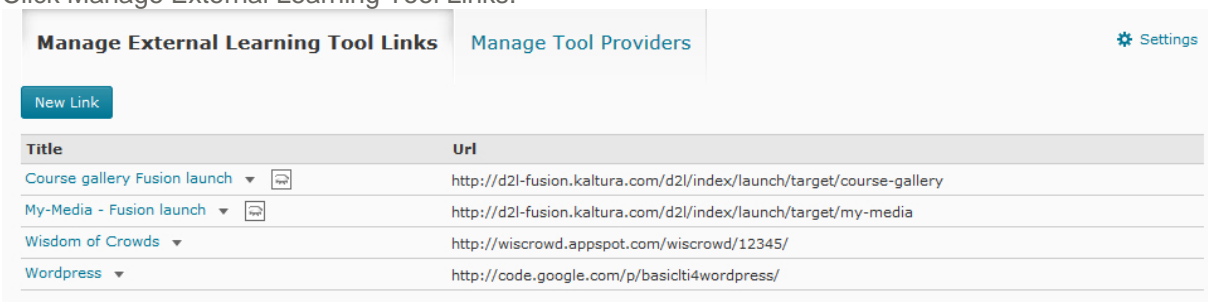
NOTE: For the optimal user experience, we recommend that you add the widget to a widget area that uses the maximum available screen's width.



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

To set up My Media as a navigation bar link

1. Login to your Desire2Learn Learning Suite as administrator.
2. Click the Admin Tools icon (gear) on the top right side.
3. Click Manage External Learning Tool Links.



4. Find the My Media link and click it.

Deploy My Media as a Widget and Navigation Bar Link

Edit Link - My Media ▾

Properties


Title *

My Media

URL *

https://base.url.com/d2l/index/launch/target/my-media

Description



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 Semester: **2013 Spring** ✖

The Course Offering: **Sandbox Course 3** ✖

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

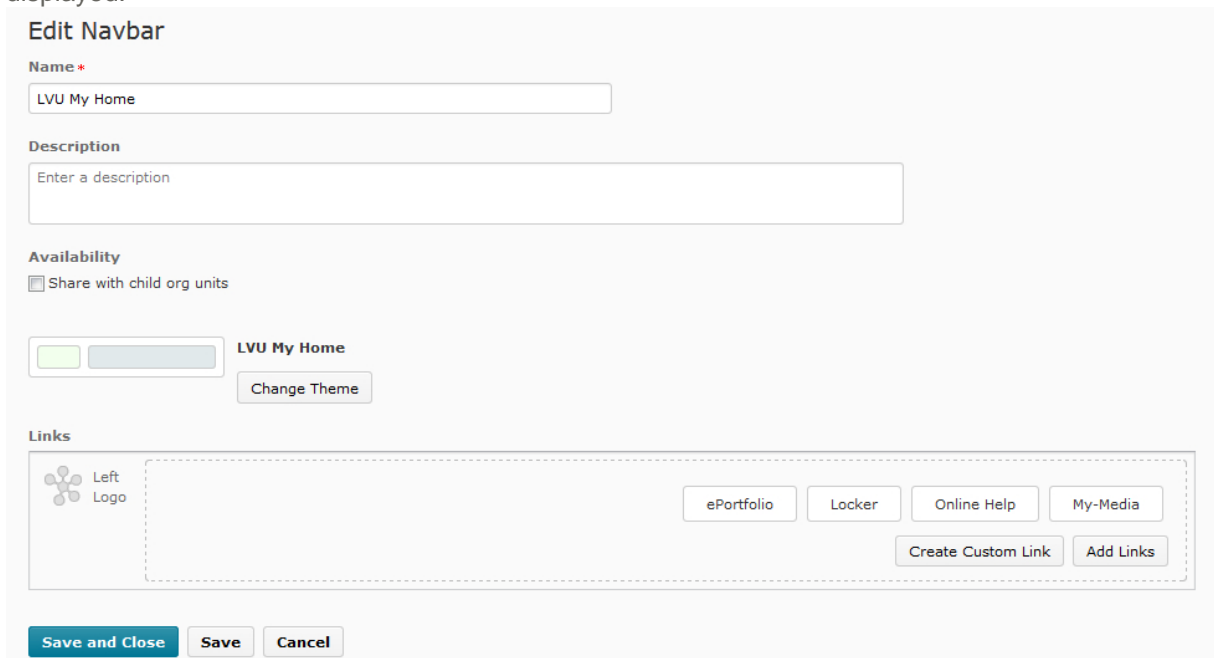
- Plugin (Concatenation of the Launch point base URL and "/d2l/index/launch/target/my-media")
- Allow users to view this Link is checked.
 - Signature - Sign messages with:
 - Checked
 - Configured to Tool consumer key/secret
 - All options under security settings are checked.
- Click Add Org Units.
 - 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 My Media widget available to a group of org units.
Recommended: the top level org unit and all its descendants of type course offering.
 - Click Insert.
 - Click Save.

To add My Media to the Navigation Bar

- 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.



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




- Click Create Custom Link.

Create Custom Link

Name *


Icon

Drop file here, or click below!


 Upload

Description

☒ Share with child org units

URL *
  **Insert Quicklink**

Behavior

Same window 

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

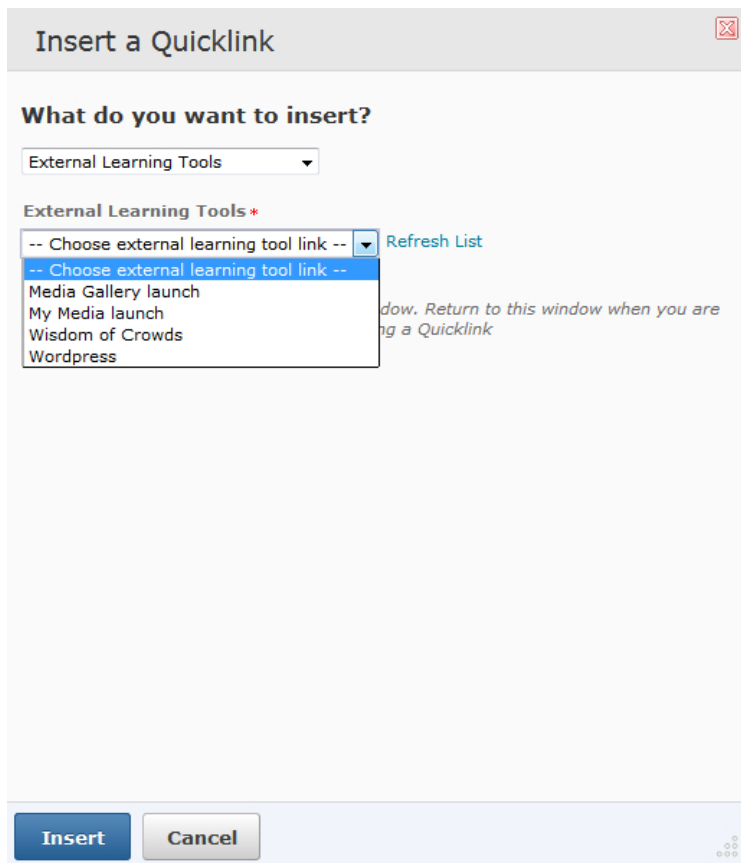
Insert a Quicklink

What do you want to insert?

-- Choose a type of resource --

-- Choose a type of resource --
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.



8. Prefix the URL with protocol and domain of your Desire2Learn site
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>
9. Select Same window behavior.
10. Click Create
11. Click Save and Close.

SECTION 4

Deploy Media Gallery as a Widget and a Navigation Bar Link

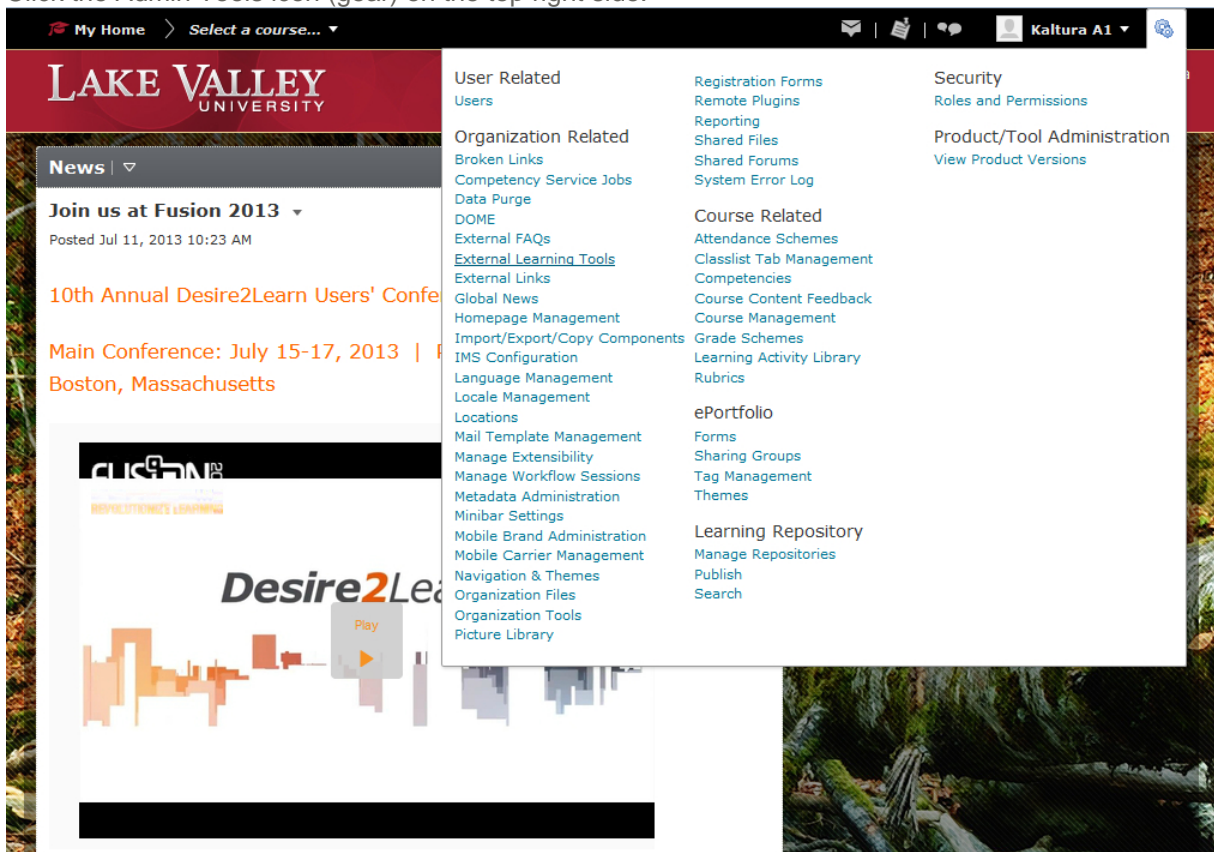
This section describes how to deploy Media Gallery as a widget and a navigation bar.

To set up Media Gallery as a widget



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

1. Login to your Desire2Learn Learning Suite as administrator.
2. Click the Admin Tools icon (gear) on the top right side.



3. Click Remote Plugins.

Manage Remote Plugins

[New Remote Plugin](#)

Title	Url
My-Media ▼	http://d2l-fusion.kaltura.com/d2l/index/launch/target/my-media
Course Gallery ▼	http://d2l-fusion.kaltura.com/d2l/index/launch/target/course-gallery

Create a new Remote Plugin

Plugin Settings

Launch Point

Secret

Key

Name

Description

Small Icon

Large Icon

System Test

Test Results
 Test not passed or not run

Plugin Type

Make remote plugin available to:
☒ Current Org Unit: **Kaltura**

5. Enter the following details:
 - a. Launch Point – 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: 123.mediaspace.kaltura.com/d2l/index/launch/target/course-gallery.
 - b. 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](#).
 - c. Key – your partner ID. This can be obtained in your KMC under Settings > Integration Settings. See [To access the account info in the KMC](#).
 - d. Name – the name you want the widget to have. Recommended: “My Media”
 - e. Plugin Type – set to “Widget”
6. 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: <div>Course Offering</div>
<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: <div>Course Offering</div>
<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: <div>Course Offering</div>
<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: <div>Course Offering</div>
<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: <div>Course Offering</div>
<input type="checkbox"/> BulkCourseCreate, BCC	Course Offering	<input checked="" type="radio"/> This org unit

7. Select specific org units if you want the widget to be available specifically to them.

You may also select:

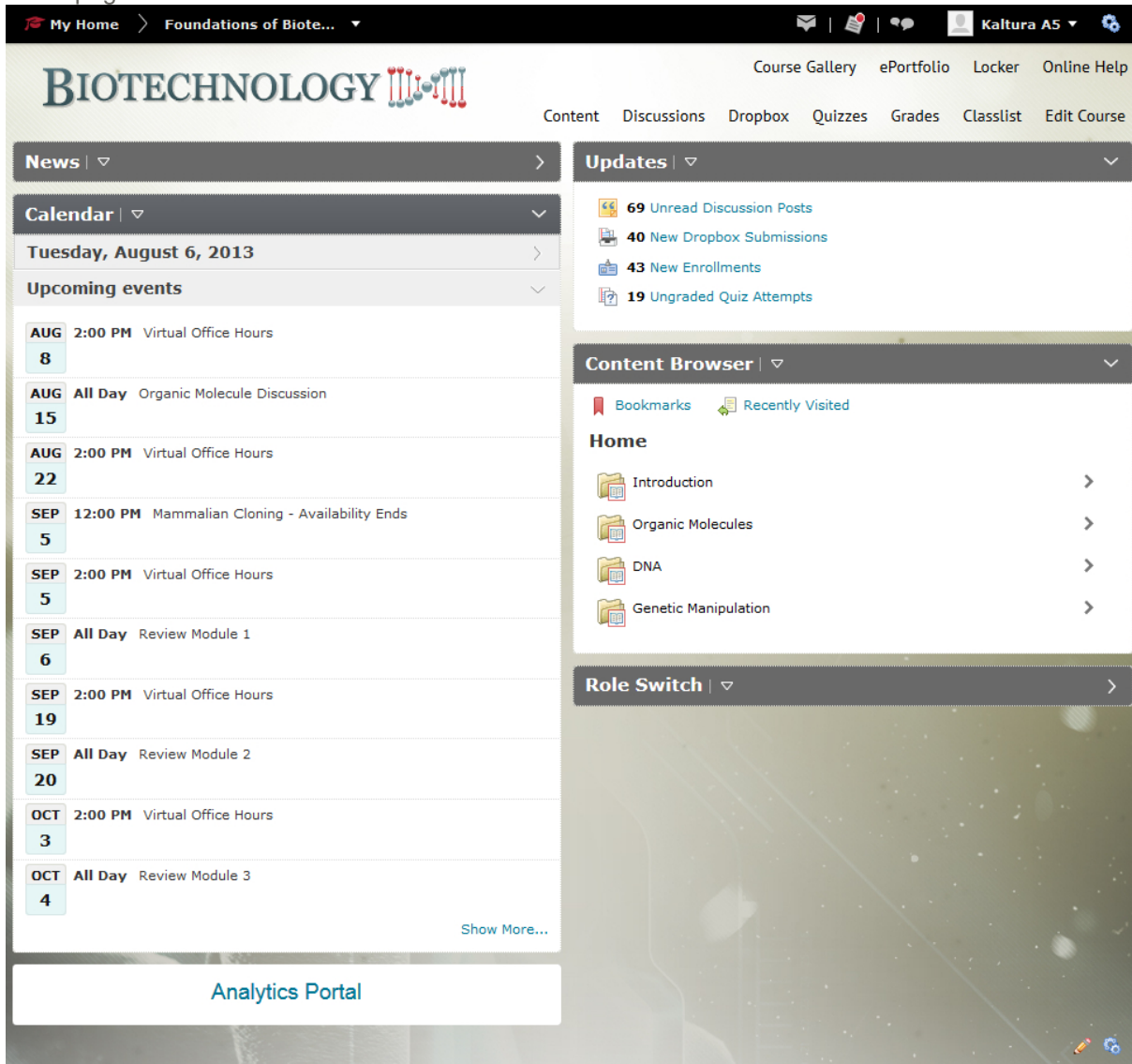
- an upper level org unit
- all descendants

Deploy Media Gallery as a Widget and a Navigation Bar Link

- 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.

To add Media Gallery widget to an org unit home page

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.

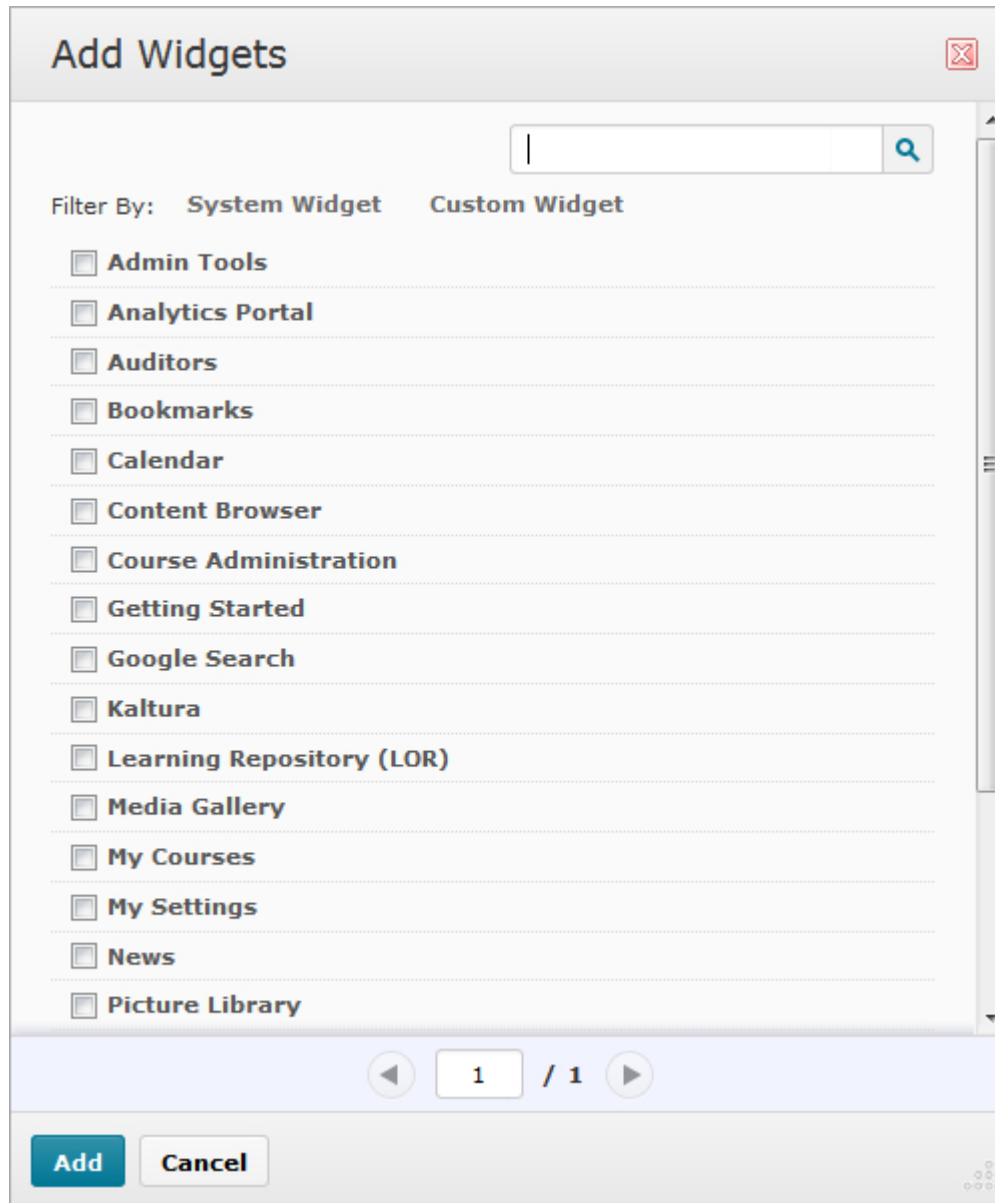
Deploy Media Gallery as a Widget and a Navigation Bar Link

The screenshot shows the 'Edit Homepage' interface for a course named 'Biotechnology'. The interface includes a header with navigation links: Course Gallery, ePortfolio, Locker, and Online Help. Below the header, there are tabs for Content, Discussions, Dropbox, Quizzes, Grades, Classlist, and Edit Course. The main form has sections for Name (Biotech), Description (Default homepage for courses), Type (Widget-based), Header (Include homepage header), Layout (Two Equal Panels), and Widgets. The Widgets section contains a grid of widget slots with labels like News, Updates, Calendar, Content Browser, Analytics Portal, and Role Switch. Each slot has an 'Add Widgets' button. At the bottom, there are buttons for Save and Close, Save, and Cancel.

- 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.

To set up the Media Gallery as a navigation bar link



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

1. Login to your Desire2Learn Learning Suite as administrator.
2. Click the Admin Tools icon (gear) on the top right side.
3. Click Manage External Learning Tools Links.



Deploy Media Gallery as a Widget and a Navigation Bar Link

Manage External Learning Tool Links

Manage Tool Providers

Settings

New Link

Title	Url
Course gallery Fusion launch ▾ 	http://d2l-fusion.kaltura.com/d2l/index/launch/target/course-gallery
My-Media - Fusion launch ▾ 	http://d2l-fusion.kaltura.com/d2l/index/launch/target/my-media
Wisdom of Crowds ▾	http://wiscrowd.appspot.com/wiscrowd/12345/
Wordpress ▾	http://code.google.com/p/basiciti4wordpress/


- Find the Media Gallery link and click it.

Edit Link - Media Gallery launch ▾

Properties

Title *

URL *

Description


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

- ☒ 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**

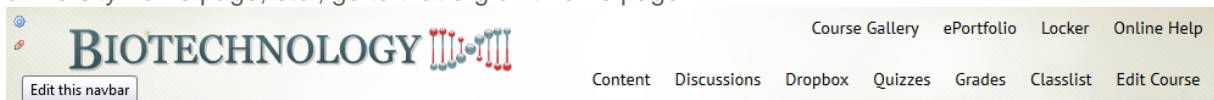
The Course Offering: **Biology 101** ✖

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:
 - o Checked
 - o Configured to Tool consumer key/secret
 - 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:
 - 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.




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.

Deploy Media Gallery as a Widget and a Navigation Bar Link

BIOTECHNOLOGY

Course GalleryePortfoliolockerOnline Help

ContentDiscussionsDropboxQuizzesGradesClasslistEdit Course

Edit Navbar

Name *

Biotechnology

Description

Reduced tools

Biotechnology

Change Theme

Links

Left Logo

Course GalleryePortfoliolockerOnline Help

Create Custom LinkAdd Links

Right Logo

ContentDiscussionsDropboxQuizzesGradesClasslistEdit Course

Create Custom LinkAdd Links

Save and Close

Save

Cancel


- Click Create Custom Link.

Create Custom Link

Name *

Icon

Drop file here, or click below!


 Upload

Choose Existing


Description

☐ Share with child org units

URL *

 Insert Quicklink

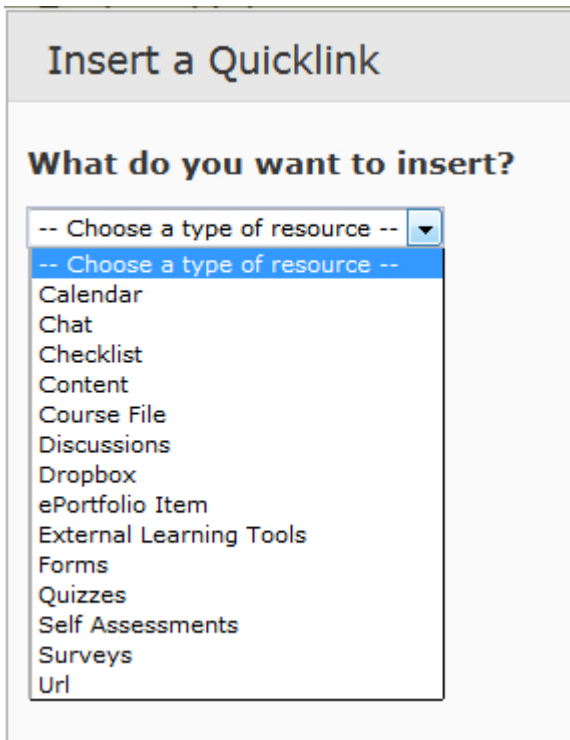
Behavior

Same window 

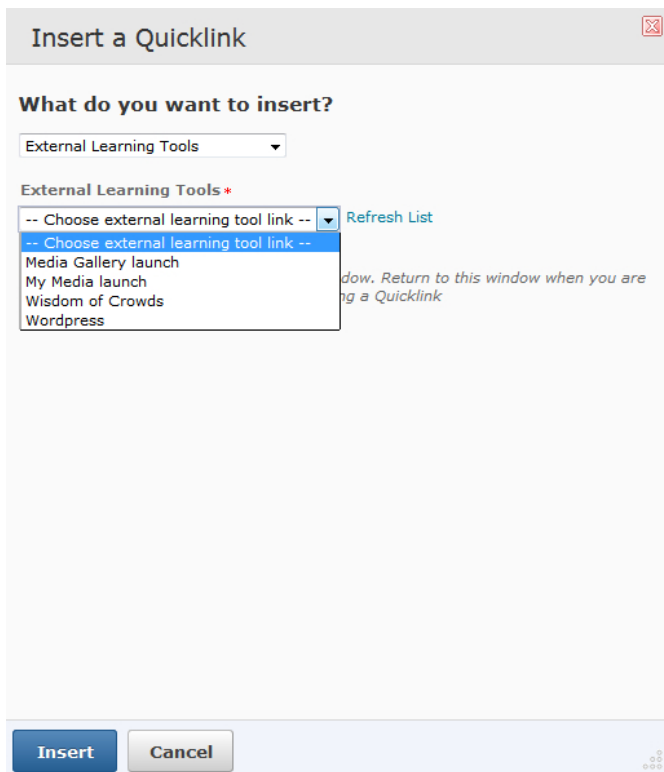
Create

Close

4. Enter My Media 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 Desire2Learn 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:

Deploy Media Gallery as a Widget and a Navigation Bar Link

<https://www.mydesire2learnurl.com/d2l/common/dialogs/quickLink/quickLink.d2l?ou={orgUnitId}&type=Iti&rCode=Extensibil-124&srcou=4568>

9. Select Same window behavior.
10. Click Create
11. Click Save and Close.

Setting Up Digital Media Services 3.0 Components

Please refer to the [Desire2Learn's 'Digital Media Services 3.0 Administrator Guide'](#).

An account is required to access the documentation.