

# Alexander Street LTI App Configuration on Moodle

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## Test Environment

A Moodle test environment can be created using an [Amazon AMI on the Amazon Marketplace](#). This AMI is maintained by Bitnami. This is the environment that Alexander Street used to test our LTI apps on Moodle and prepare this documentation.

Normally to follow these instructions, you would log in as an administrator to your institution's installation of Moodle.

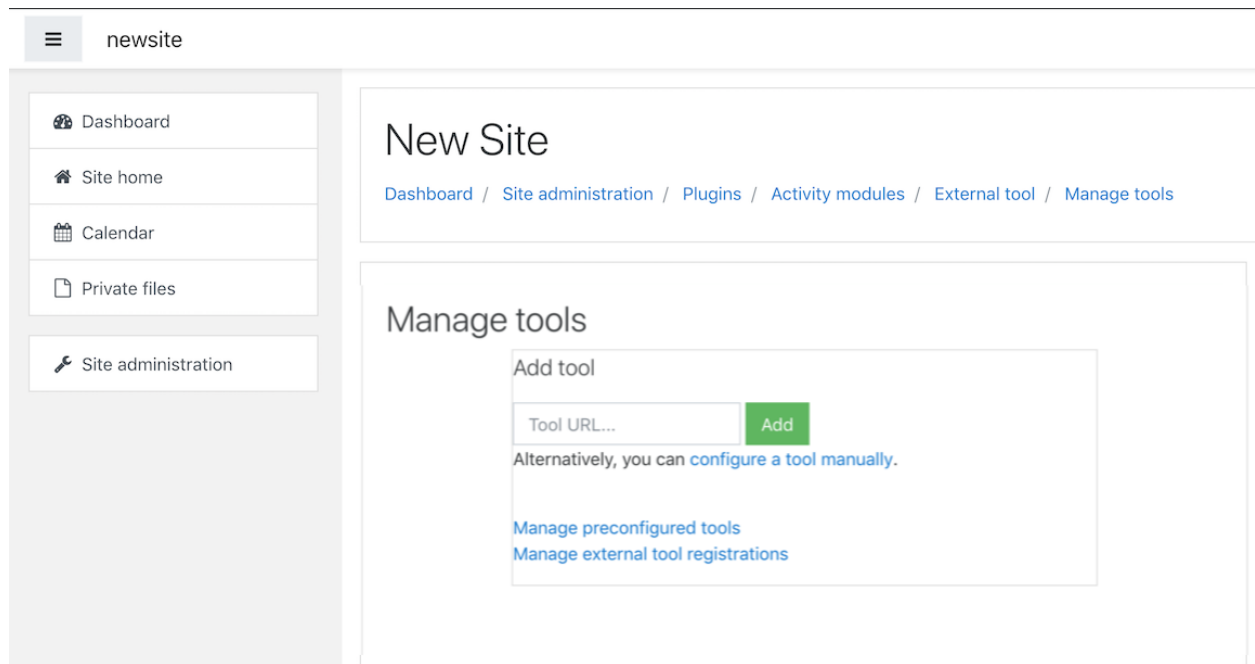
## Installation of the Alexander Street LTI Applications

Moodle allows LTI installation using the configuration XML provided for each of our LTI apps. It does not however have a feature for discovering the configuration through EduAppCenter, so you have to use the URL for the LTI configuration file, as shown below.

Alexander Street Video: <https://video.alexanderstreet.com/lti-configuration.xml>

Alexander Street Music and Text: <https://search.alexanderstreet.com/lti/config.xml>

Go to Site Administration → Plugins. There is a menu of links on this page; choose Activity Modules → External Tools → Manage Tools



Paste the URL of the configuration into the form. Alternatively, you can configure the tool manually, for example if you want different settings than provided by the default configuration XML.

The LTI app requires an institution-specific consumer key and secret. Contact ProQuest customer service to obtain your consumer key and secret.

After the tool is installed, you can change some of the settings using the gear icon.

# Tools

Active



Edit

## Alexander Street Video

Search and embed Alexander Street videos. A new icon will show up in your course rich text editor letting you search

[View the Alexander Street Video tool help page.](#)

This tool is being used 1 times

# Testing

## Installing Embeds or Links into Course content

Create a Course with **Site Admin** → **Courses** → **Add a new course**

From **Site Home**, select the course.

Click the gear icon in the top right to **Turn editing on**



Edit settings



Turn editing on



Course completion



Filters



Gradebook setup



Backup



Restore



Import



Share



Reset



More...

Rows in the course structure will have links for **Add an activity or resource**

## Environment 101

[Dashboard](#) / [Courses](#) / [ENV-101](#)

Announcements

Edit

Edit

Add an activity or resource

Topic 1

Edit

Edit


Add an activity or resource

These links popup the following menu, on which you will find **External Tool** as an option. Select this and press **Add** at the bottom.

## Add an activity or resource



### ACTIVITIES

☐  Assignment

☐  Chat

☐  Choice

☐  Database

☒  External tool

☐  Feedback

☐  Forum

☐  Glossary

☐  Lesson

☐  Quiz

☐  SCORM package

☐  Survey

☐  Wiki

☐  Workshop

### RESOURCES

The external tool activity module enables students to interact with learning resources and activities on other web sites. For example, an external tool could provide access to a new activity type or learning materials from a publisher.

To create an external tool activity, a tool provider which supports LTI (Learning Tools Interoperability) is required. A teacher can create an external tool activity or make use of a tool configured by the site administrator.

External tool activities differ from URL resources in a few ways:

- External tools are context aware i.e. they have access to information about the user who launched the tool, such as institution, course and name
- External tools support reading, updating, and deleting grades associated with the activity instance
- External tool configurations create a trust relationship between your site and the tool provider, allowing secure communication between them

 [More help](#)



Add

Cancel


A page like the following will open, and you can select any of the **Preconfigured tools**.


# Environment 101


[Dashboard](#) / [Courses](#) / [ENV-101](#) / [Topic 1](#) / Adding a new External tool to Topic 1

 Adding a new External tool to Topic 1 

General

Activity name 

Preconfigured tool 

Tool URL 

[Show more...](#)

Privacy

Grade

Common module settings

✓ Automatic, based on tool URL

Alexander Street Music and Text

Alexander Street Video

+

⚙

✕

Select Alexander Street Video and the **Select Content** button becomes enabled



# Environment 101

[Dashboard](#) / [Courses](#) / [ENV-101](#) / [Topic 1](#) / Adding a new External tool to Topic 1

## ✚ Adding a new External tool to Topic 1 ?

### ▼ General

Activity name



Preconfigured tool



Select content



Tool URL



[Show more...](#)

Pressing **Select Content** will open the Search Tool and you can search for and select content to embed or link to.


# Alexander Street Video



54167 videos for your search for *Our Blue Planet*

Filter your results

Sort by Relevance




## Our Blue Planet

Our Blue Planet, Narrated by David Attenborough, Produced by Will Ridgeon, Orla Doherty, Produced by British Broadcasting Corporation, Tencent, Westdeutscher Rundfunk, France Télévisions, CCTV-9, In Blue Planet II, (London, England: BBC Worldwide, 2017) , 50 minutes

Embed Video

View Video



## The Blue Planet

The Blue Planet, Narrated by David Attenborough, Produced by Alastair Fothergill, Produced by Discovery Channel, British Broadcasting Corporation, In Blue Planet, (London, England: BBC Worldwide, 2001) , 49 minutes

Embed Video

View Video

## Copying an LTI Link from video.alexanderstreet.com into the LMS Manually

### Steps for the Administrator

In order for this to work, the administrator needs to configure a tool that will match this link. This only needs to be done once. In **Manage External Tools**, add the following configuration manually

## ▼ Tool settings

Tool name	! ?	Alexander Street Video Linl
Tool URL	! ?	https://video.alexanderstreet.com
Tool description	?	Configuration to allow links to be added manually
Consumer key	?	70
Shared secret	?	.....
Custom parameters	?	
Tool configuration usage	?	Do not show; use only when a matching tool URL is entered
Default launch container	?	Embed, without blocks
		<input type="checkbox"/> Content-Item Message ! ?
Content Selection URL	! ?	
Icon URL	! ?	

I called the tool, Alexander Street Links. I select "Do not show; use only when a matching tool URL is provided"; this will prevent this configuration from appearing in places where a full Launch URL is required. I add my consumer\_key, secret, secure icon URL and a description. The consumer key and secret are applicable to the whole institution and are provided by ProQuest customer service.

After saving this configuration, users can now insert LTI links into a page for URLs they've obtained from the site.

## Steps for the Instructor

In my example, I copied the URL from Our Blue Planet using the Share feature of the player page.

<https://video.alexanderstreet.com/embed/our-blue-planet-2?context=channel:blue-planet-ii>

Now I go to a topic in a course with the Edit mode turned on, where I can '**Add an activity or a resource**'. I select **External Tool** from the menu of options.

For the activity name, I enter Our Blue Planet.

I click '**Show more**' to make the description available and past

Narrated by David Attenborough, Produced by Will Ridgeon, Orla Doherty, Produced by British Broadcasting Corporation, Tencent, Westdeutscher Rundfunk, France Télévisions, CCTV-9, In Blue Planet II, (London, England: BBC Worldwide, 2017) , 50 minutes

For **Preconfigured tool**, I select "Automatic, based on URL"

Into **Secure Tool URL**, I enter the video's URL

<https://video.alexanderstreet.com/embed/our-blue-planet-2?context=channel:blue-planet-ii>

After entering this, Moodle indicates that this URL has matched a tool provider. So I don't need to provide a consumer\_key and secret, this is already configured into the matched tool.

## General

Activity name



Our Blue Planet

Activity description



Narrated by David Attenborough, Produced by Will Ridgeon, Orla Doherty, Produced by British Westdeutscher Rundfunk, France Télévisions, CCTV-9, In Blue Planet II, (London, England: BB

☒ Display description on course page ! ?

☒ Display activity name when launched ! ?

☐ Display activity description when launched ! ?

Preconfigured tool



Automatic, based on tool URL + - x

Select content

Tool URL



Secure tool URL



https://video.alexanderstreet.com/embed/our-blue-planet-2?context=channel:blue-pl

✓ Using tool configuration: Alexander Street Video Links

Launch container



Default

Consumer key



Shared secret



[Click to enter text](#) 🔑 👁

Custom parameters



Now you can save this activity, and it will appear under the topic.

## Topic 1



Our Blue Planet



Narrated by David Attenborough, Produced by Will Ridgeon, Orla Doherty, Produced by British Broadcasting Corporation, Tencent, Westdeutscher Rundfunk, France Télévisions, CCTV-9, In Blue Planet II, (London, England: BBC Worldwide, 2017) , 50 minutes

# Moodle Documentation

BitNami documentation (about the AMI)

<https://docs.bitnami.com/aws/apps/moodle/>

IMS Global document on ContentItemSelectionRequest

<http://www.imsglobal.org/specs/lticv1p0/specification-3>

Moodle Documentation

[https://docs.moodle.org/36/en/Managing\\_a\\_Moodle\\_site](https://docs.moodle.org/36/en/Managing_a_Moodle_site)

Moodle Documentation on External Tool

[https://docs.moodle.org/36/en/External\\_tool](https://docs.moodle.org/36/en/External_tool)

## **Moodle Support**

Dev Pages (on Help)

[https://docs.moodle.org/dev/Main\\_Page](https://docs.moodle.org/dev/Main_Page)

Issue Tracker

<https://tracker.moodle.org/secure/Dashboard.jspa>