Test Environment

Instructure runs a free site at https://canvas.instructure.com. This is the environment that Alexander Street used to test our LTI app and prepare these instructions. Your version of Canvas may be different.

Normally you would be logging into your institution’s installation of Canvas. Should you want to try the test environment, follow the registration process and register as a 'Teacher'. Your login will bring you to a template site with a sample course.

Installation of the Alexander Street LTI Applications

LTI Apps are installed via the Course → Settings menu item.

There are two main ways to install LTI Apps outlined below. To start, select a course from the Dashboard or Course menu. Or you can create a new course first and select that one. The test environment comes with a course called "Your Guided Course Template".
Dashboard

Your Guided Course Template

Then visit the Apps tab of the Setting page.

Installation via EduAppCenter
Use this technique if you want a stock installation. Canvas will load the LTI app configuration provided by Alexander Street. We have an LTI app for video.alexanderstreet.com called "Alexander Street Video" and an LTI App for search.alexanderstreet.com called "Alexander Street Music and Text".

You can filter by name:

Click on the App tile and the "Add App" and enter the Consumer Key and Secret.
Add App

Name
Alexander Street Video

Consumer Key
Consumer Key

Shared Secret
Shared Secret

Close  Add App
The Consumer Key and Secret is provided by ProQuest customer service.

**Installation via XML Paste**

Use this technique if you want to alter the "placements" or other features of the XML Configuration. There are a couple ways to come up with the configuration XML you need.

**Modifying the Stock XML**

For the LTI App for video.alexanderstreet.com, go to [https://video.alexanderstreet.com/lti-configuration.xml](https://video.alexanderstreet.com/lti-configuration.xml)

For the LTI App for search.alexanderstreet.com, go to [https://search.alexanderstreet.com/lti/config.xml](https://search.alexanderstreet.com/lti/config.xml)

Copy the stock XML into an editor and make the changes you want to the configuration.

To get this into Canvas, select "View App Configurations" and then use the +App button to add a new App. Select Configuration Type "Paste XML"

![Add App](image)
Give your App a name like "Alexander Street Video" and then paste your XML into the large box. Enter your Consumer Key and Secret and then Submit.

**Testing**

The Canvas UI provides a variety of paths into the LTI apps that are installed. These are called "placements". A placement is an indicator where in the Canvas UI the user has to click to launch the LTI app.

**Using the LTI app to embed content in a page**

The main placement is an editor button added to the rich text editor used to create LMS page content. So to start create or select an Assignment, and then edit the assignment. The Alexander Street icon will be in the editor menu.

Clicking this icon opens the search box, where you can do a search.
You can view the video and embed from there, or you can embed right from the search results. There are three options: Return Link, Embed Medium, Embed Large. When you select one of these, the popup disappears and your embed choice is pasted into the body of the page you are editing at the location of your cursor.
Using the LTI app to create a Submission Type

The Submission Type feature is within the edit page for an Assignment. Scroll down a bit to see it.
Using the LTI App to create a Module Item

To get to this dialog, go to Courses → Modules. Select the + button to add a module item. Then select External Tool as the type of item to add.

Copying an LTI Link from video.alexanderstreet.com into Canvas Manually

These are the steps you can follow when you already have the link from the Share tab of the Alexander Street player page. The instructor can use these steps to paste the URL into an assignment. Note that the LTI App needs to have been configured by the administrator in advance as described above.

In this example, I copied the launch URL and citation from

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

Go to Courses → +Assignment to add a new assignment. The following form appears. Paste the video title in the the Assignment name. Add the citation to the body. And set the Submission Type to External Tool. Paste the Launch URL into the submission type. Press Save and Publish.

After publishing this assignment, the course assignments look like this...
Viewing this assignment shows the video....

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

In general, this is more steps than using the editor button tool to find the video and paste it from the result set. But this demonstrates another way to insert a link to Alexander Street content into the course.

Canvas Documentation
Canvas Documentation on ContentItemSelectionRequest

https://canvas.instructure.com/doc/api/file.content_item.html

IMS Global Documentation on ContentItemSelectionRequest

http://www.imsglobal.org/specs/lticiv1p0/specification-3

EduAppCenter Documentation

These are the instructions for how Canvas supported LTI content insertion through 'extensions' prior to IMS Global standardization

https://www.eduappcenter.com/docs/extensions/content

**Canvas Support**

Search here for articles on development or configuration questions

https://community.canvaslms.com

There is also a Bitnami Canvas AMI Instance for AWS

https://aws.amazon.com/marketplace/pp/B01990PK56?ref=recommended&m=ps1