

Adding LTI to Course Builder

If you do not have Course Builder set up yet, please go to:

<https://github.com/google/coursebuilder-lti-module> for a brief overview or

<https://code.google.com/p/course-builder/> for instructions from getting started through deployment.

Once you have Course Builder setup, change directory to the Course Builder root:

```
cd course-builder/coursebuilder
```

Then install this module using scripts/modules.sh (one line):

```
sh scripts/modules.sh \
```

```
--targets=lti@https://github.com/google/coursebuilder-lti-module
```

Troubleshooting Note:

I was getting the error:

```
ImportError: No module named yaml
```

If you do not have yaml, you can install it with:

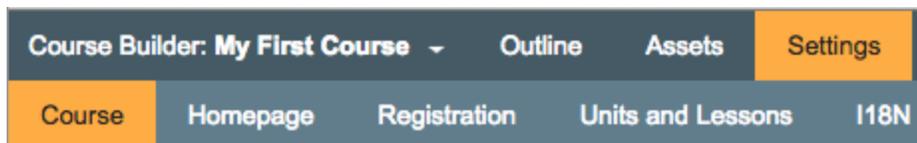
```
pip install pyyaml
```

You can then start a local server to start using this module:

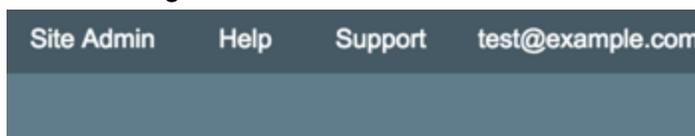
```
sh scripts/start_in_shell.sh
```

Setting up Piazza in Course Builder

1) Go to Settings > Course



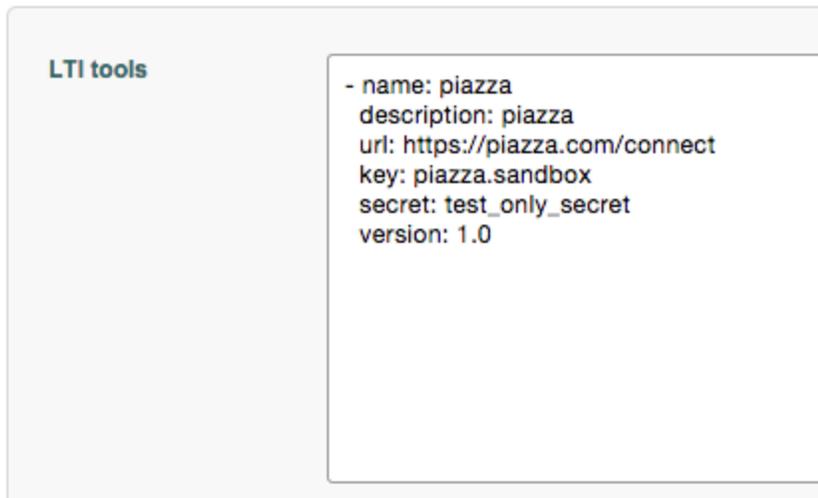
2) Then "Edit Settings":



[Edit Settings](#)

3) In the LTI tools section, enter:

```
- name: piazza  
description: piazza  
url: https://piazza.com/connect  
key: piazza.sandbox  
secret: test_only_secret  
version: 1.0
```



Note: Please be sure to include the “-” before the name and two spaces before each of the other lines.

4) Go back to “Outline”



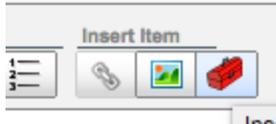
5) Then click “Add Unit”:



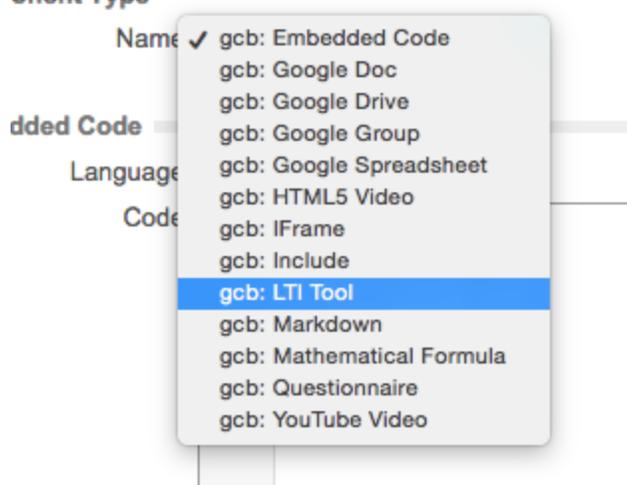
6) From here click on the “Rich Text” box for “Unit Header”



7) Then the Tool box item on the right:



8) Select the “gcb: LTI Tool” from the “Name” dropdown:



9) Set the Width and Height to at least 1000px each:

Width
The width of the rendered LTI tool, in pixels

Height
The height of the rendered LTI tool, in pixels

10) In the “Extra Fields” area enter a context_id that is unique to your class.

Extra Fields

11) Click “Save” and “Close”, then click on the Unit you just created. Here you will see an error message. Course Builder does not yet support sending roles through LTI so please

contact us at integrations@piazza.com and tell us the name and course number of the class you would like to create, which we can set up:

Unit 1 - New Unit

Edit Unit

piazza

Error

Oops! Your instructor needs to complete one more step before you can join this discussion.

Instructions for your instructor:

- 1) Click the "Piazza" link on your LMS course page.
- 2) Complete the "Link to a Piazza" step, by clicking "Create Class" or "Search."

Have questions? Contact integrations@piazza.com, we're happy to help.

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Jobs	LMS Integration		
	Accessibility		

12) Then when we let you know that you are all set, go back to the unit you created and fill in your account info, as the integration will be ready:

Unit 1 - New Unit

piazza

Join the discussion!

Confirm Enrollment

School: Piazza LTI Sandbox
Class: NC 101: My New Course
Term: Spring 2015
Role: Student

My Account

Your Name:

Your Email:

You can access Piazza on the go with the Android and iOS apps, or directly from piazza.com. We need you to set a password, so you can log in.

Choose a new Piazza password:

Confirm new password:

I have read and I agree to Piazza's [Terms of Use](#).

