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”:
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

   ![LTI tools](image)

   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”:

   ![Add Unit](image)

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:

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

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:

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: