
edx-gea Documentation

Release 1.0

FUN

March 22, 2018

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This XBlock provides a way to grade external activity in edx-platform. The course staff will upload a simple csv containing usernames, grades and optional comments. Then through the same XBlock students will see their evaluation.

Installation

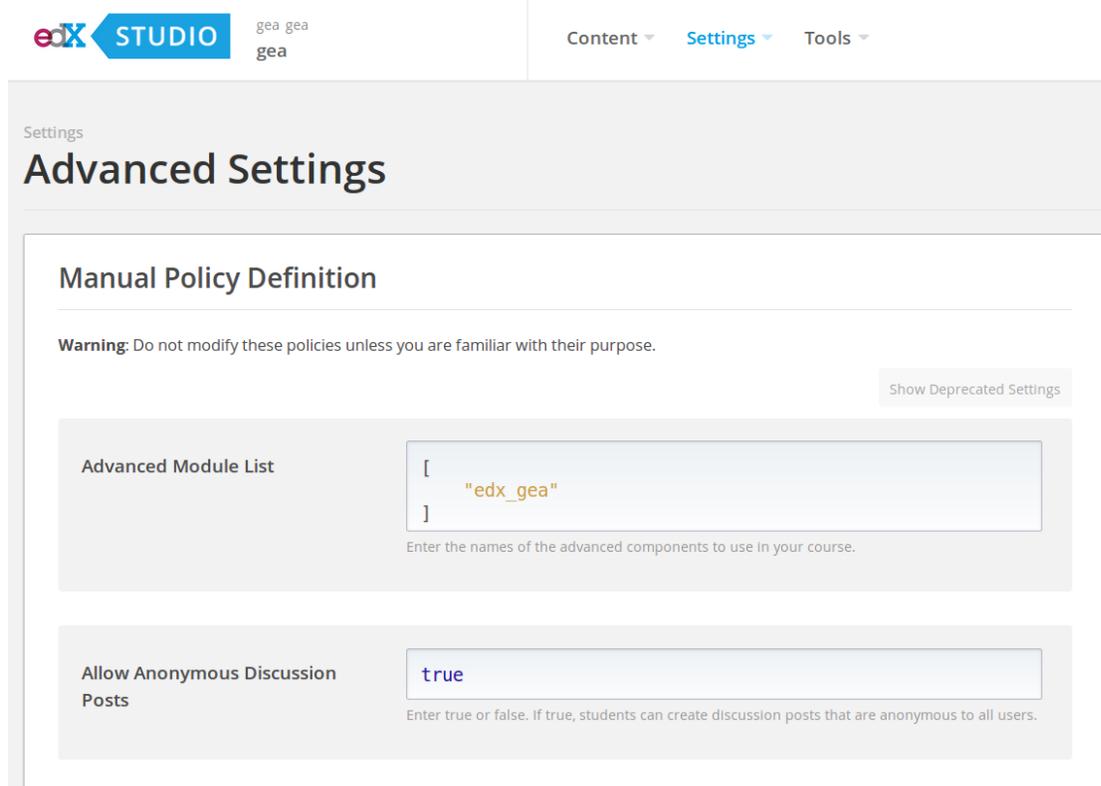
1. Install edx-gea

```
git clone https://github.com/openfun/edx-gea.git
cd edx-gea
pip install .
```

2. Add edx_gea to installed Django apps

- In `/edx/app/edxapp/edx-platform/cms/envs/common.py`, add `'edx_gea'` to `OPTIONAL_APPS`
- In `/edx/app/edxapp/edx-platform/lms/envs/common.py`, add `'edx_gea'` to `OPTIONAL_APPS`

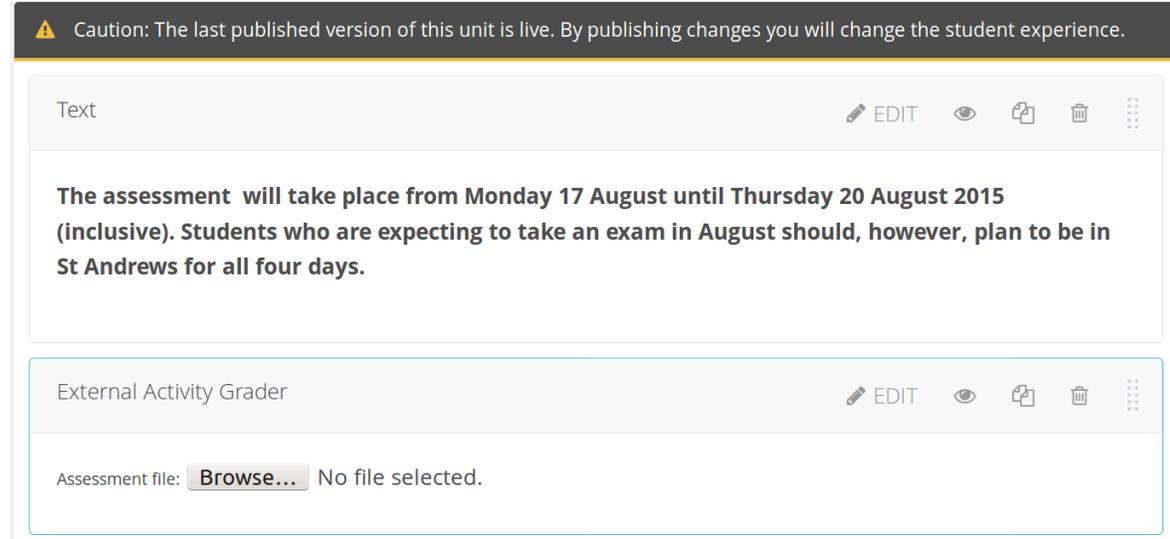
3. Enable the GEA component in LMS and Studio (CMS).



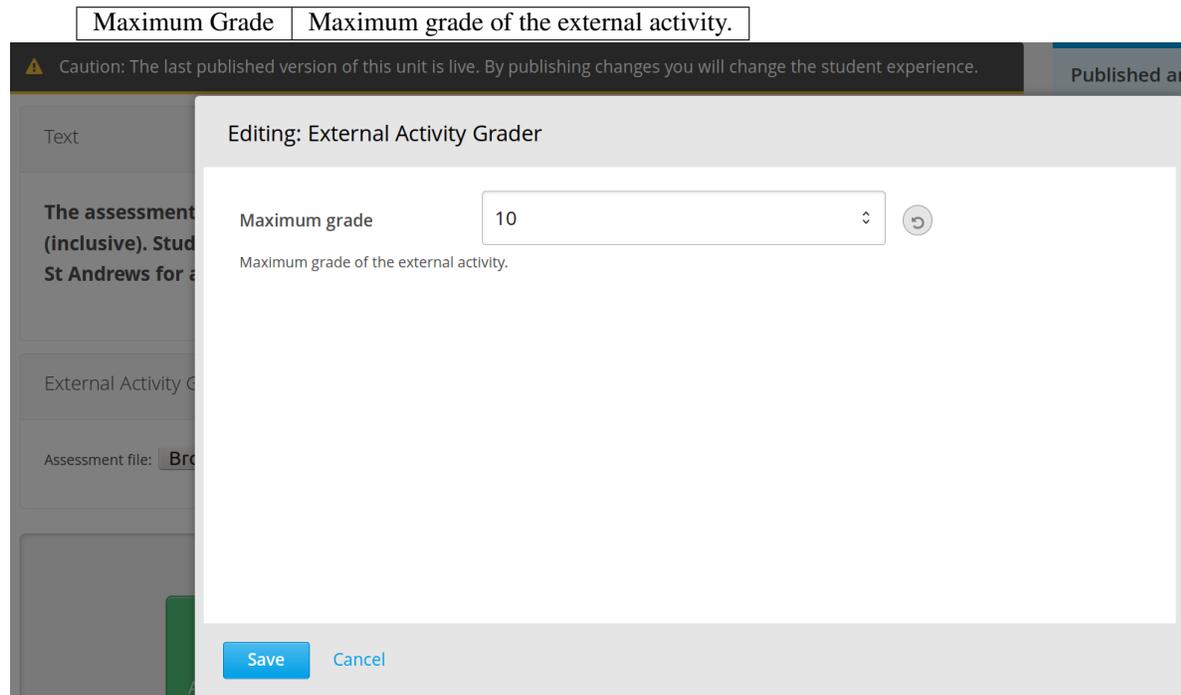
The screenshot shows the edX Studio interface. At the top, there is a navigation bar with the edX logo, the word "STUDIO", and a user profile icon labeled "gea gea". To the right of the logo are three dropdown menus: "Content", "Settings", and "Tools". Below the navigation bar, the page title is "Settings" followed by "Advanced Settings". The main content area is titled "Manual Policy Definition" and includes a warning: "Warning: Do not modify these policies unless you are familiar with their purpose." There is a "Show Deprecated Settings" button. Two settings are visible: "Advanced Module List" with a text input field containing a JSON array `["edx_gea"]` and a description "Enter the names of the advanced components to use in your course."; and "Allow Anonymous Discussion Posts" with a text input field containing `true` and a description "Enter true or false. If true, students can create discussion posts that are anonymous to all users."

Create the GEA XBlock in edX Studio

1. Since the Grade External Activity doesn't support text within the problem, it is recommended to precede the GEA XBlock with a Text or HTML XBlock with instructions for the student describing the external activity.



2. Set the *Maximum Grade* setting.



Staff Grading

1. Write your assessment file. The file has to be a CSV file with the following structure:

| | | |
|----------|-------|---------|
| username | grade | comment |
|----------|-------|---------|

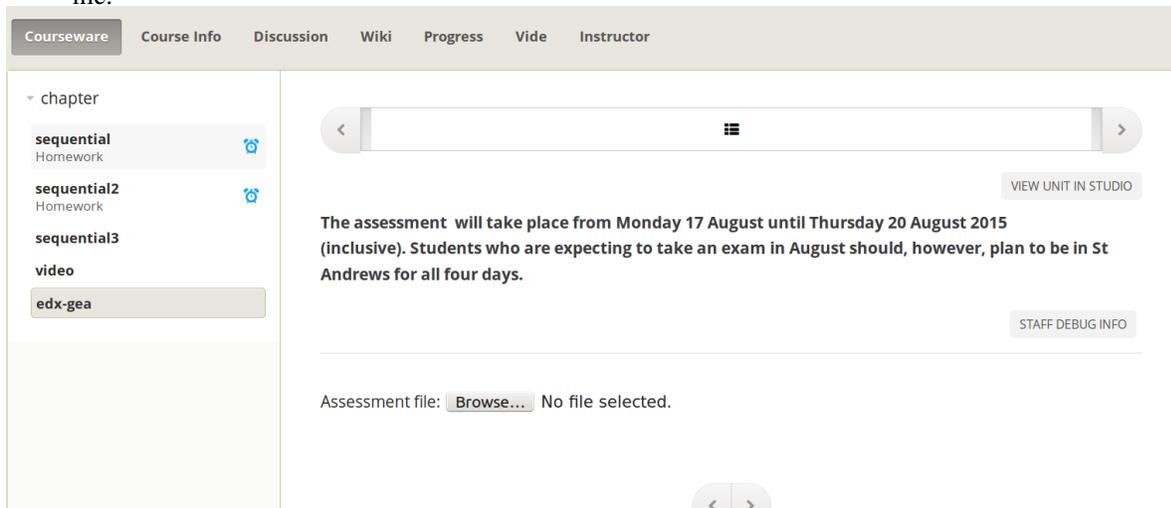
An example:

| | A | B | C | D |
|---|--------|----|-----------------------------------|---|
| 1 | Jean | 18 | Well done Jean. | |
| 2 | Jack | 12 | | |
| 3 | Pierre | 8 | A lot of mistakes, keep studying. | |
| 4 | | | | |
| 5 | | | | |

Note:

- Grades are **integer**. 8.5 will not be accepted.
- Comments are optional.

2. Navigate to the student view (LMS) of the course and find your Grade External Activity block. (If you are in Studio, click “View Live”).
3. If you are Course Staff or an Instructor for the course, you will see the interface for submitting the assessment file.



4. Upload the file, and wait for a few seconds. In case of errors in the assessment file, a list of errors will be displayed. Correct the file and upload it again.

The screenshot shows the assessment configuration interface. On the left, a sidebar lists navigation options: 'chapter', 'sequential Homework', 'sequential2 Homework', 'sequential3', 'video', and 'edx-gea' (highlighted). The main content area has a header with navigation arrows and a 'VIEW UNIT IN STUDIO' button. Below this, a message states: 'The assessment will take place from Monday 17 August until Thursday 20 August 2015 (inclusive). Students who are expecting to take an exam in August should, however, plan to be in St Andrews for all four days.' A 'STAFF DEBUG INFO' button is visible. The 'Assessment file' section shows a 'Browse...' button followed by 'lol.csv'. A message below reads: 'The assessment file contains errors, please fix it, and upload the file again.' A list of errors follows:

- Line 0: Score 50.0 is outside score limits.
- Line 1: User julien is not enrolled to this course.
- Line 1: Score 50.0 is outside score limits.
- Line 2: User louddis does not exist.
- Line 2: Score 1000.0 is outside score limits.

5. Don't forget to choose the type of your CSV file delimiter.

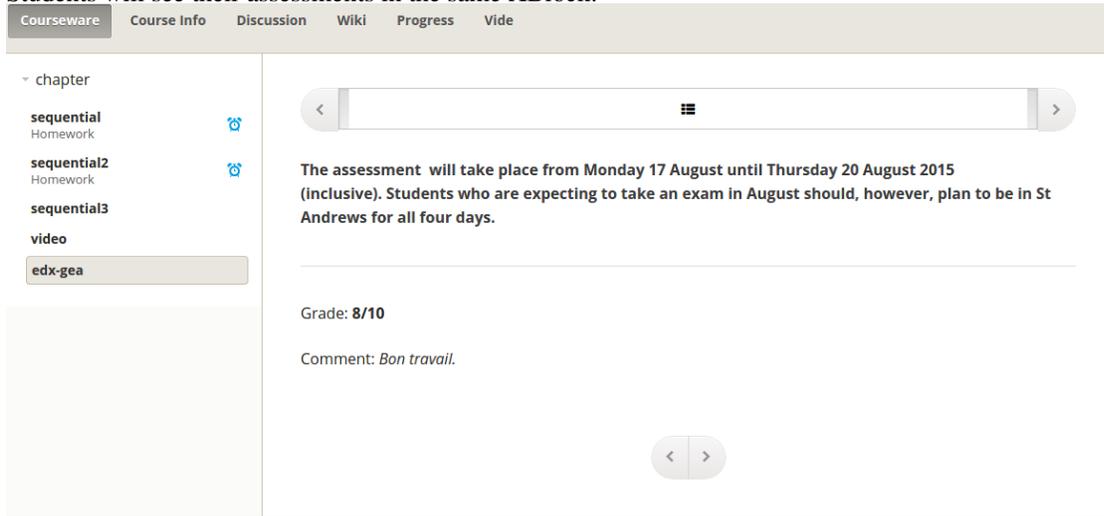
The screenshot shows the assessment configuration interface. The 'Assessment file' section shows a 'Browse...' button followed by 'No file selected.' Below this, a dropdown menu for 'CSV delimiter' is highlighted with a red box and set to 'Comma'. A 'Grade' button is visible below the dropdown. A note reads: 'Note: The csv file could not exceed 1000 lines. If you have more than 1000 students to grade, upload the assessment file in smaller chunks.'

6. You are done. All students have just been graded !

The screenshot shows the assessment configuration interface. The 'Assessment file' section shows a 'Browse...' button followed by 'good.csv'. A green message below reads: 'Thank you, the students assessment has been done.'

Student LMS Interface

Students will see their assessments in the same XBlock:



The screenshot displays the Student LMS Interface for an assessment. At the top, there is a navigation bar with tabs: Courseware (selected), Course Info, Discussion, Wiki, Progress, and Vide. Below the navigation bar, the left sidebar shows a tree view under 'chapter' with items: sequential Homework, sequential2 Homework, sequential3, video, and edx-gea (highlighted). The main content area features a horizontal scroll bar at the top. Below it, the assessment text reads: "The assessment will take place from Monday 17 August until Thursday 20 August 2015 (inclusive). Students who are expecting to take an exam in August should, however, plan to be in St Andrews for all four days." Below this text, the grade is displayed as "Grade: 8/10" and the comment as "Comment: Bon travail." At the bottom of the main content area, there are left and right navigation arrows.

Note: The grade is also displayed in the Progress page of the course.