Evolve Link: External Tool Setup for Moodle

Introduction: This guide will walk you through setting up Evolve Link as an External Tool in Moodle, or what changes may be necessary if upgrading your version of Moodle.

*** READ THIS FIRST ***

NOTE 1:

A. If you are installing outcomes on Moodle 3.1 to 3.4 for the first time, we recommend upgrading to 3.5 or above instead (option D). If you cannot, read notes 2-4, then follow the full External Tool Setup guide below.

B. If you WERE on Moodle 3.1 to 3.4, are upgrading to 3.5 or above, AND already had the moodle-ltiservice_gradebookservices plugin installed, move the moodle-ltiservice_gradebookservices plugin and its subdirectory out of the main directory. DO NOT UNINSTALL the plugin (or you will lose all previous mapping, see https://github.com/CengageEng/moodle-ltiservice_gradebookservices to learn more). Read notes 2-4, then skip to step 7 of External Tool Setup.

C. If you WERE on Moodle 3.1 to 3.4, are upgrading to 3.5 or above, AND DID NOT already have the moodle-ltiservice_gradebookservices plugin installed, you do not need to install the plugin. Read notes 2-4, then skip to step 7 of External Tool Setup.

D. If you are on Moodle 3.5 or above, you do not need to install the moodle-ltiservice_gradebookservices plugin. Read notes 2-4, then skip to step 7 of External Tool Setup.

NOTE 2: The following versions of Moodle have a bug that prevents the outcomes service from being able to update assignment information (including grade pass back) once it’s created. We advise updating to a higher version that isn’t listed here to avoid any issues with outcomes.

Moodle Versions
3.5.3 - Bug still exists
3.6.1 - Bug still exists
3.7 - Bug still exists
NOTE 3: The following Evolve products will pass outcomes/grades back after setting up the external tool:

- Elsevier Adaptive Quizzing Next Generation (EAQ NG)
- HESI Prep Suite (may be listed as any combination of HESI Case Studies, HESI Practice Tests, or HESI Patient Reviews)
- Nursing Concepts Online Next Generation (NCO NG)
- Sherpath

Gradable items in these products need to be set up by faculty as assignments in Moodle for the outcome/grade to pass back. Faculty can refer to the video and guide entitled *Creating Graded Evolve Assignments in Moodle* for directions on creating these.

- Clinical Skills (including Clinical Skills inside Simulation Learning System (SLS))
- Elsevier Adaptive Learning (EAL)
- Evolve Resources
- Evolve Online Courses

Outcomes/grade pass back are not possible for any of the following Evolve products:

- HESI Next Generation Testing (HESI NG)
- SimChart
- SimChart for the Medical Office (SCMO)
- Simulation Learning System (SLS) (*If Clinical Skills is included in this product, it can pass grades back if the faculty member creates an assignment for the gradable item, as listed in the paragraph above.*)
- Virtual Clinical Excursions (VCE)
- Virtual Medical Office (VMO)

NOTE 4: It is recommended that for outcomes/grade reporting from external applications (like when using Evolve Link with the Evolve products listed above), that you create a general administrator-level
account that is used specifically to create access tokens. Using a general account, instead of a user-specific account, will safeguard against problems that would occur if a user-specific account had to be disabled or removed from your system.

**External Tool Setup**

1. Login to Moodle as an Administrator.
   - For any version of Moodle 3.4 or earlier, the plugin `moodle-ltiservice_gradebookservices` must first be installed. *(Moodle 3.5 and above have a slightly different plugin already integrated. Skip to step 7 if using Moodle 3.5 or above.)*

2. Go to [https://github.com/CengageEng/moodle-lti-serviced Gradebookservices](https://github.com/CengageEng/moodle-lti-service_gradebookservices) and download the plugin zip file using the button **Clone or download** and then **Download ZIP**. (The plugin has been tested on Moodle 3.2 and up.)

3. Navigate to the downloaded zip file on your computer and open it by right-clicking on the file and select **Open**.
4. Right-click on the folder inside the zip file and select **Rename**.

5. Rename the folder the following: **ltiservice_gradebookservices**

**NOTE:** Delete any folder named **Scripts** inside the zip, as this is not a folder that Moodle needs.

6. Install this sub-plugin in Moodle by following the instructions at the following link:


   - For additional information, please visit

   [https://docs.moodle.org/dev/LTI_Gradebook_Services](https://docs.moodle.org/dev/LTI_Gradebook_Services)
Moodle 3.5 and above, start here.

7. In Moodle, go to Site administration > Plugins > Manage tools.

8. Enter the Tool URL included in the fulfillment email you received from Elsevier and click Add.
9. Click **Yes** when prompted to activate the tool.

```
Manage tools
This tool requires access to the following data in order to activate:

- User personal information
- User account information
- Course activities or resources
- Course information

Are you sure you would like to activate this tool?

Yes  No
```

10. Click the **Activate** button for the Elsevier Root Launch tool.

```
Elsevier Root Launch
Click here to give this tool a description

Activate
```

11. Click the **Gear** icon to edit Elsevier Root Tool settings.

```
Elsevier Root Launch
```
12. On the settings page, make the following selections and then click **Save changes**.
   - **Tool configuration usage:** Do not show; use only when a matching tool URL is entered
   - **Default launch container:** New window
   - **Share launcher’s name with tool:** Always
   - **Share launcher’s email with tool:** Always
   - **Accept grades from the tool:** Delegate to teacher

13. Click the **Gear** icon on the Elsevier Evolve Link tool.

14. On this settings page, make the following selections and then click **Save changes**.
   - **Tool configuration usage:** Show in activity chooser and as preconfigured tool
   - **Default launch container:** New window
   - **Share launcher’s name with tool:** Always
   - **Share launcher’s email with tool:** Always
   - **Accept grades from the tool:** Delegate to teacher

*END OF GUIDE*