# CodeLab In Moodle

OVERVIEW:

CodeLab now offers a tight integration with Moodle. That means that once set up, students and instructors access and experience CodeLab entirely and only in the Moodle browser window. In particular, students do not access CodeLab through the standard CodeLab client at all, and instructors have almost no need to do so either.

CodeLab-In-Moodle observes the "Moodle way of doing things" as much as possible.

CodeLab-In-Moodle must be set up separately for each Moodle course to that uses it. In order for CodeLab to be available to instructors a few administrative steps must first be taken. Depending on how Moodle is set up in an institution, it may either be a central Moodle administrator who carries out these steps, or it could be the instructor himself or herself.

This manual illustrates one sequence of steps that a Moodle administrator would follow in order to make CodeLab available for faculty and students.

To make CodeLab-In-Moodle available, the administrator will need:

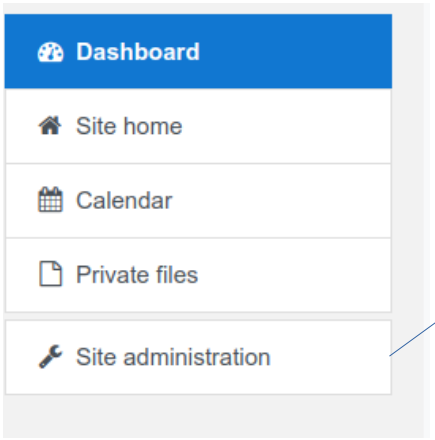
(1) A consumer key and shared secret: obtain by emailing info@turingscraft.com

(2) An LTI registration URL: https://codelab.turingscraft.com/codelab/jsp/LTI/config.xml

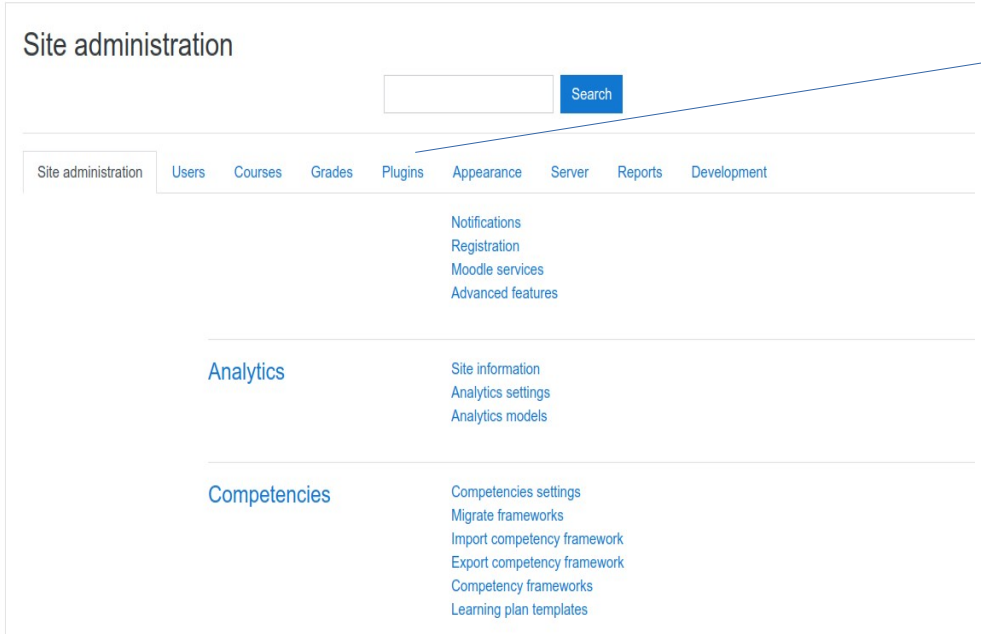
For many administrators, nothing further may need to be said. But the next 3 pages illustrate ONE possible path for using this information. If there are any questions, please write directly to: info@turingscraft.com We are very eager to support CodeLab-In-Moodle!

Official Moodle documentation for External Tools can be found here:

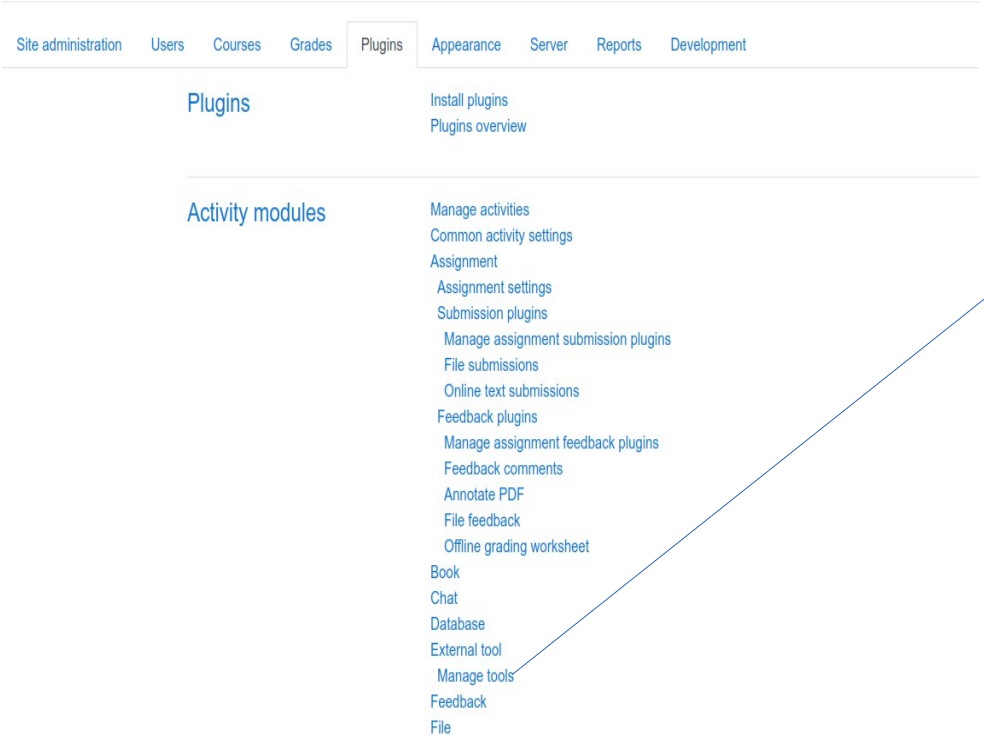
https://docs.moodle.org/38/en/External_tool_settings#Adding_a_tool_site-wide




Go to Site administration

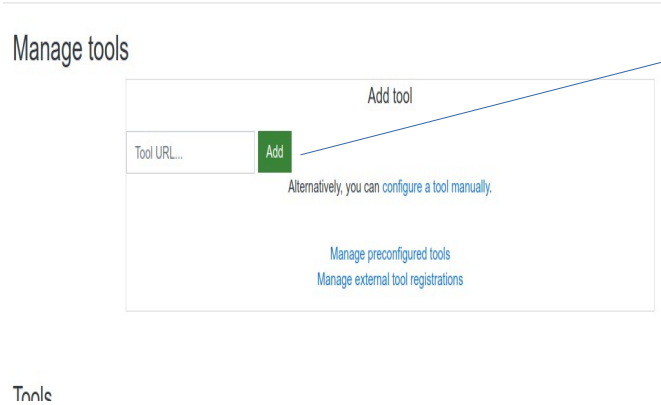



Click on the Plugins tab



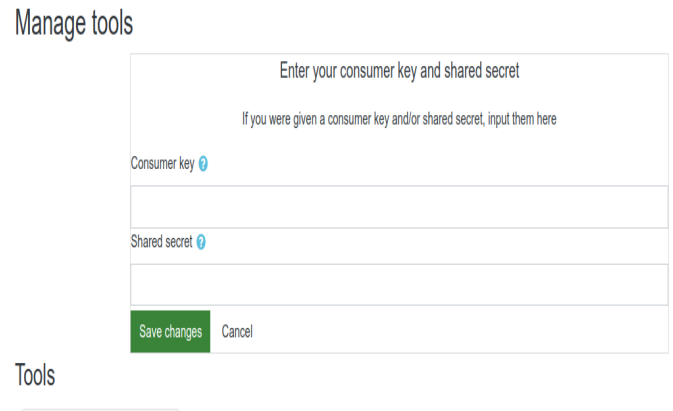

Click on “Manage tools”

Enter the following URL and click Add:

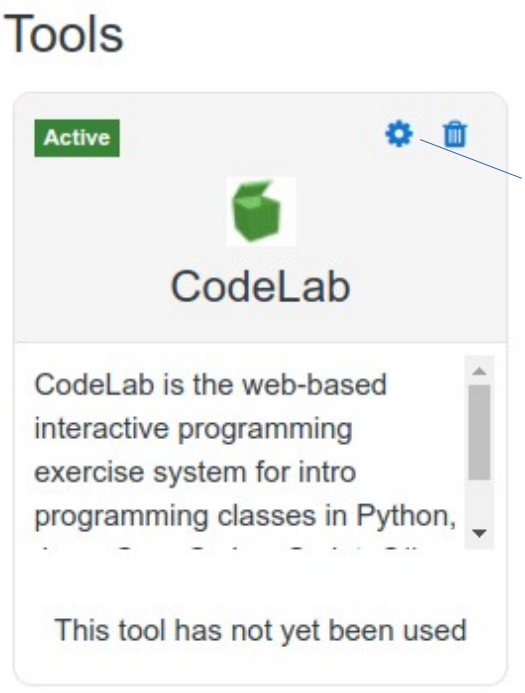



https://codelab.turingscraft.com/codelab/jsp/LTI/config.xml

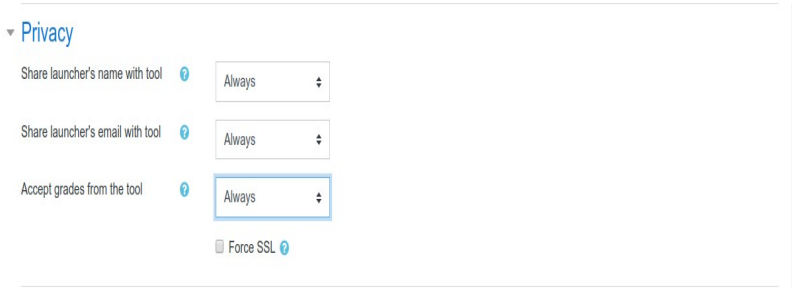
Tools




Enter the Consumer key and shared secret provided by CodeLab. Contact: info@turingscraft.com if you do not have a key and secret.




The CodeLab tool will now appear on the page. Click the gear box.




Modify the Privacy settings to share student names and emails with CodeLab, and to allow CodeLab to update the Gradebook