

CodeLab in D2L

Admin Manual

CodeLab integrates seamlessly with D2L. For students, Codelab exercises appear as an assignment in your course (students are not taken to another website). Within D2L, students have access to CodeLab's navigation tools, exercises, feedback, and status information.

For instructors, CodeLab results appear automatically in the gradebook and instructors use D2L tools to assign work.

This manual illustrates one sequence of steps that a D2L administrator would follow in order to make CodeLab available for faculty and students.

To make CodeLab available, the administrator will need:

- (1) A consumer key and shared secret: obtain by emailing info@turingscraft.com
- (2) The launch url: <https://codelab.turingscraft.com/codelab/lti/launch>
- (3) CodeLab requires that we receive the context, user name and email address

For many administrators, nothing further may need to be said. But the next few 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-D2L!

Click External Learning Tools (LTI)

Click Manage Tool Providers

New Link

There are currently no external learning tool links available. Click **New Link** to create an external learning tool link.

Click New Tool Provider

New Tool Provider

New Tool Provider

Tool Provider Settings

Launch Point*

Version

OAuth Signature Method

Secret

Tool consumer information
 Use custom tool consumer information instead of default

Key

Enter:
<https://codelab.turingscraft.com/codelab/lti/launch>

Select: HMAC-SHA1

Enter your shared secret and key.
To enter key, you will need to select:
“Use custom tool information”
If you don't have a key/secret, please contact:
info@turingscraft.com

Visibility

Allow users to use this tool provider

Security Settings

- Send tool consumer information to tool provider
- Send context information to tool provider
- Send course information to tool provider
- Send LTI user ID and LTI role list to tool provider
- Send user name to tool provider
- Send user email to tool provider
- Send system username to tool provider
- Send system Org Defined ID to tool provider
- Send system role to tool provider
- Send link title to tool provider
- Send link description to tool provider

Make tool provider available to:

Current Org Unit: **turing Course 2**

Be sure to keep “Allow users to use this tool provider” selected

The checkboxes on the left are required. We need:

- * tool consumer information
- * context information
- * LTI user ID and LTI role list
- * user name
- * user email
- * link title

Share with the Org Units you want to be able to use CodeLab.