



**Eartrainer**

## Canvas Integration Guide

This guide will walk you through registering and deploying the Eartrainer.io LTI 1.3 Tool. The latest version of LTI requires that the integration between Canvas and Eartrainer.io be based on a trust created through OAuth 2.0. This trust relationship is established one time and must be performed by someone with Canvas administrative privileges.

### Registration

1. Navigate to Admin -> Developer Keys
2. In the top right, click **+Developer Key**, then click **+LTI Key**
3. Fill in the following data in the form:

#### Key Settings

Key name: Eartrainer  
Redirect URIs: <https://app.eartrainer.io/launch>

#### Configure

Method: Manual Entry  
Title: Eartrainer  
Description: App for autograding singing, dictation, and other musicianship exercises.  
Target Link URI: <https://app.eartrainer.io/launch>  
OpenID Connect Initiation Url: <https://app.eartrainer.io/login>  
JWK Method: Public JWK URL  
Public JWK: <https://app.eartrainer.io/keys/keys.json>

#### LTI Advantage Services

Please turn on the following:

1. Can create and view assignment data in the gradebook associated with the tool.
2. Can view assignment data in the gradebook associated with the tool.
3. Can view submission data for assignments associated with the tool.
4. Can create and update submission results for assignments associated with the tool.

#### Additional Settings

Domain: eartrainer.io  
Tool Id: the-best-eartraining-tool-ever  
Text: Eartrainer  
Custom Fields:  
term\_name=\$Canvas.term.name  
canvas\_user\_id=\$Canvas.user.id  
canvas\_course\_id=\$Canvas.course.id  
canvas\_account\_id=\$Canvas.account.id  
canvas\_api\_domain=\$Canvas.api.domain  
canvas\_section\_id=\$Canvas.course.sectionIds  
canvas\_assignment\_id=\$Canvas.assignment.id  
canvas\_user\_login\_id=\$Canvas.user.loginId  
Privacy Level: PUBLIC



## Eartrainer

### Placements

1. Assignment Selection

### Assignment Selection

Target Link URI: <https://app.eartrainer.io/launch>

Select Message Type: LtiResourceLinkRequest

Text: Eartrainer

4. Once key is created, change its **State** to **ON**.
5. Send the following information to [support@eartrainer.io](mailto:support@eartrainer.io)
  - i. The number shown in the **Details** field of the Developer Key
  - ii. The text shown when you click **Show Key**
6. Install by Client ID: institution-wide, in a sub account, or per course.
7. Create a test assignment by following the steps below:
  - i. Create an assignment
  - ii. Choose submission type “External tool”
  - iii. Find Eartrainer in the list
  - iv. Click “Open in new tab”
  - v. Save or save and publish

## API Key

1. Navigate to Admin -> Developer Keys
2. In the top right, click **+Developer Key**, then click **+API Key**
3. Fill in the following data in the form:

### Key Settings

Key Name: Eartrainer API Key

Redirect URIs: <https://app.eartrainer.io/mission-control-auth>

4. Set “Enforce scopes” to **ON**
5. Enable the following scopes:

url:GET|/api/v1/courses/:course\_id/assignments

url:POST|/api/v1/courses/:course\_id/assignments

url:GET|/api/v1/users/:user\_id/courses

optional scope: url:DELETE|/api/v1/courses/:course\_id/assignments/:id

6. Once key is created, change its **State** to **ON**.
7. Send the following information to [support@eartrainer.io](mailto:support@eartrainer.io)
  - i. The number shown in the **Details** field of the Developer Key
  - ii. The text shown when you click **Show Key**