

ReadSpeaker TextAid for Canvas as an LTI 1.3 Tool

This guide will help you set up ReadSpeaker TextAid as an LTI version 1.3 tool inside your Canvas environment. TextAid can be configured to give all your Canvas users access to their own TextAid account. You can choose to have TextAid accounts created automatically for your Canvas users or create them manually.

If you have previously used LTI 1.1 there are some differences in the setup procedure.

First, the LTI functionality needs to be activated by the ReadSpeaker support staff for the TextAid coordinator account. In general, this is done as part of the delivery of the TextAid account, but it can be enabled later if the need arises.

Your TextAid account will be configured with several settings related to LTI, such as the maximum number of users, whether users should be created automatically when they log in via LTI, whether the user should be allowed to log in from outside the LMS, the default user interface language, etc.

Implementation Steps

Set Up a Developer Key

The first step to register the TextAid LTI 1.3 tool is to create a developer key. This will be used to refer to the registration in Canvas and configures the secure communication URLs used for the connection.

1. In the Canvas toolbar, click **Admin**.
2. Click the name of the Canvas account for which you are configuring TextAid.
3. Click **Developer Keys**.
4. On the tab "Account", click + **Developer Key** and select + **LTI Key**. A Key Settings page will open. Fields marked * are required.
5. Make sure the fields have the following values:
 - a. Key Name: a name that clearly designates the key as being used for TextAid LTI, e.g. "ReadSpeaker TextAid LTI 1.3"
 - b. Redirect URIs: <https://ws.readspeaker.com/a/wasp/lti-launch>
 - c. Title: your choice of recognizable title for the tool (e.g. "ReadSpeaker TextAid")
 - d. Description: your choice of recognizable description for the tool (e.g. "ReadSpeaker TextAid LTI 1.3 Course Tool: a complete, easy-to-use reading, writing, and studying literacy support tool for the classroom."
 - e. Target Link URL: <https://ws.readspeaker.com>
 - f. OpenID Connect Initiation Url:
<https://ws.readspeaker.com/a/wasp/login-lti>
 - g. JWK Method: Public JWK URL
 - h. Public JWK URL: <https://ws.readspeaker.com>
6. In the field "Placements", you can enter one or more values. This will determine from where TextAid is accessible in the LMS. We recommend adding "Global Navigation".

- a. If you pick "Global Navigation", verify the "Icon URL" is the following for a black icon:
<https://cdn1.readspeaker.com/script/default/canvas/textaid/write-assistance.svg>,
or, for a white icon:
<https://cdn1.readspeaker.com/script/default/canvas/textaid/write-assistance-white.svg>.
7. We strongly recommend setting the field "Privacy Level", which can be found under the section "Additional Settings", to "Public" so that TextAid can use the user's registered email address for authentication. This is required if pre-existing TextAid accounts are to be used with the LTI tool.
8. Other fields can be chosen according to preference or left empty.
9. When you have filled in all the fields that are required and others that you wish to fill in, click **Save**. You will return to the "Developer Keys" page where the developer key you have created is shown. In the column "Details" for that key, you will see your client ID. Copy this value and save it somewhere as you will have to fill it when registering TextAid as an app in the next section and you will need to send it to ReadSpeaker support in the last section. The screenshot below shows where to find it.

The screenshot shows the ReadSpeaker Developer Keys page. On the left is a sidebar with navigation links: Courses, People, Statistics, Permissions, Outcomes, Rubrics, Grading, Question Banks, Sub-Accounts, Account (marked NEW), Calendars, Terms, Authentication, and Themes. The main content area is titled 'Developer Keys' and has tabs for 'Account' and 'Inherited'. Below these tabs is a table with columns: Name, Owner Email, Details, Stats, Type, State, and Actions. There is one entry in the table with Name 'TextAid 1.3' and Owner Email 'No Email'. The 'Details' column for this entry contains the Client ID '17350000000000106', which is highlighted with a yellow box and labeled 'Client ID' with an arrow. The 'Stats' column shows 'Access Token Count: 0', 'Created: Apr 25 at 11:12am', and 'Last Used: Never'. The 'Type' column has a gear icon, and the 'State' column has 'ON' and 'OFF' buttons. The 'Actions' column has a key icon and a trash icon.

Name	Owner Email	Details	Stats	Type	State	Actions
TextAid 1.3	No Email	17350000000000106 Show Key	Access Token Count: 0 Created: Apr 25 at 11:12am Last Used: Never		ON OFF	

Add TextAid as an App

The next step is to register ReadSpeaker TextAid as an App in Canvas.

1. In the Canvas toolbar, click **Admin**.
2. Click the name of the Canvas account for which you are adding TextAid as an app.
3. Click **Settings**.
4. Click on the tab **Apps**.
5. Click on **View App Configurations**.
6. Click **+ App**. The "Add App" dialog is shown.
7. In the field "Configuration Type", choose the value "By Client ID".
8. In the field "Client ID", enter the client id you saved in the last step of the section "Set Up a Developer Key."
9. Click **Submit**.
10. Click **Install** in the confirmation dialog to add the app. You return to the "External Apps" tab where you see TextAid in the list of apps.
11. Click the cog wheel icon for the TextAid app you have just added and select **Deployment Id**. Copy this value and save it somewhere as you will need to send it to ReadSpeaker support in the last section.
12. Click **Close**.

You should now see the name you entered in the field "Title" when setting up the developer key as an external tool that you can select when adding items to a course.

Send LTI Connection Details to ReadSpeaker

The last step, which is necessary for TextAid to function in your LMS as an LTI 1.3 tool as ReadSpeaker needs to set up the connection, is to send an email to ReadSpeaker support, support@readspeaker.com, with

- the client id that you saved in the last step of the section “Set Up a Developer Key
- the value in the field “Deployment Id” that you saved in the previous section.

Make sure to also include your customer details, the TextAid coordinator account for which LTI should be registered, and the Canvas domain URL, e.g. <https://schoolname.instructure.com>.

If you have any questions or encounter issues with the integration, don't hesitate to let us know.