PeopleFluent Learning

Drillster Integration Guide

Contents

About this Document

Introduction

This document provides details about the integration between PeopleFluent Learning and Drillster.

Drillster is a platform that provides an adaptive learning experience to help individuals and organizations improve their knowledge and skills. Companies use Drillster for a variety of reasons, such as:

- **Training and Development**: Drillster allows companies to create and deliver customized training and development programs to their employees. The platform's adaptive learning algorithm ensures that learners receive personalized learning experiences that are tailored to their needs and abilities.

- **Knowledge Retention**: Drillster helps learners retain information over time by using spaced repetition and active recall techniques. This means that learners are more likely to remember what they have learned and apply it to their work.

- **Performance Improvement**: Drillster's analytics and reporting features enable companies to track their employees' progress and identify areas for improvement. By doing so, they can optimize their training programs and enhance the performance of their workforce.

- **Compliance**: Drillster can also be used to ensure that employees are up-to-date with regulatory requirements and compliance standards. By providing continuous learning opportunities, companies can ensure that their employees are always aware of the latest regulations and industry best practices.

Overall, Drillster provides a flexible and scalable solution that can help companies improve their training and development programs, increase knowledge retention, and enhance the performance of their workforce.

Document Information

This section lists any changes or updates that occur following initial publication.

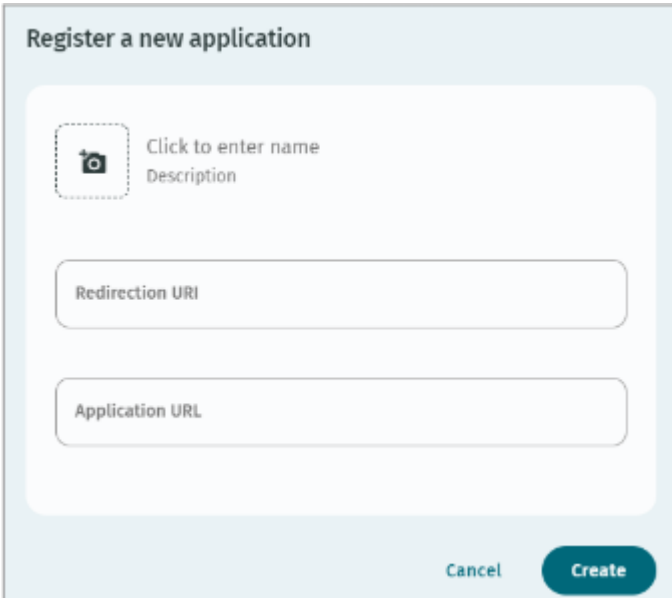| Revision Information	
Revision Date:	July 15, 2024
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Integration Setup on Drillster

This topic addresses Integration setup on the Drillster side.

Create the Client Application

First, you will create the Client Application.

1. Access the Drillster client application. These can be found from https://www.drillster.com/developer/client-apps.


2. Click to enter a **Name**. This is user specific, so we recommend using a generic account to prevent tying this to a user who may depart the company.

3. Enter the **Redirection URL**. This is the PeopleFluent Learning site with the "ekp"; https://customer.learning.peoplefluent.net/ekp.

4. Click **Create**. **Note**: You may need to click the Search link or refresh the page to see the application.

5. Click on the application to get the **Client ID** and **Client secret**. These will be needed for the set up on PeopleFluent.
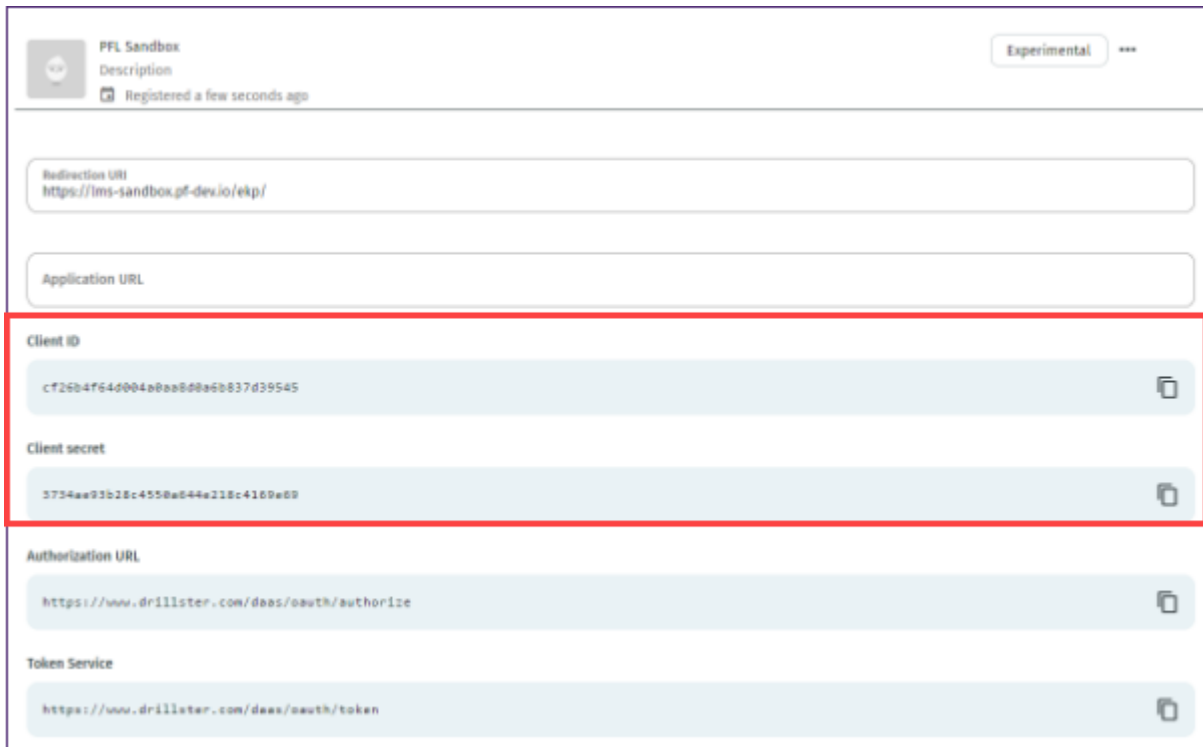
Create the Event Receiver

Next, you will set up the Event Receiver in Drillster.

1. Access https://www.drillster.com/developer/event-receiver.
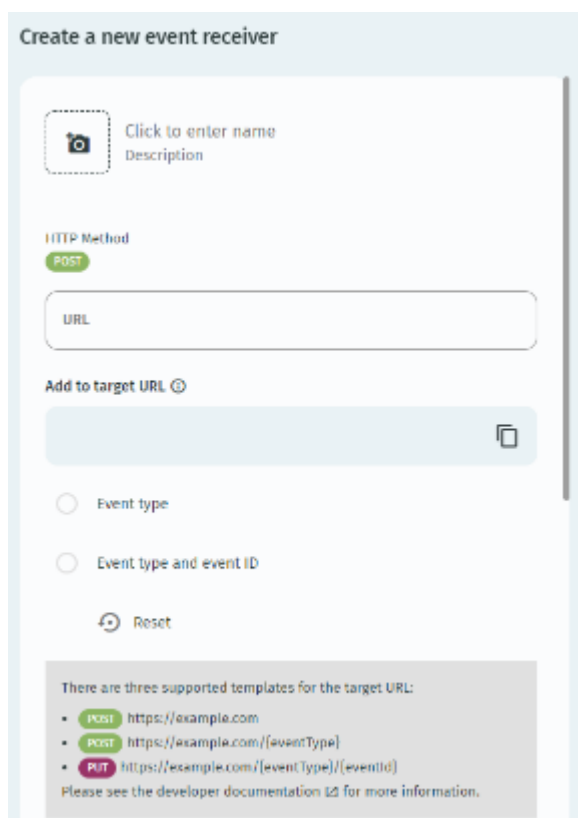
2. In the **URL** field, enter the URL for the Drillster endpoint for your PFL site https://
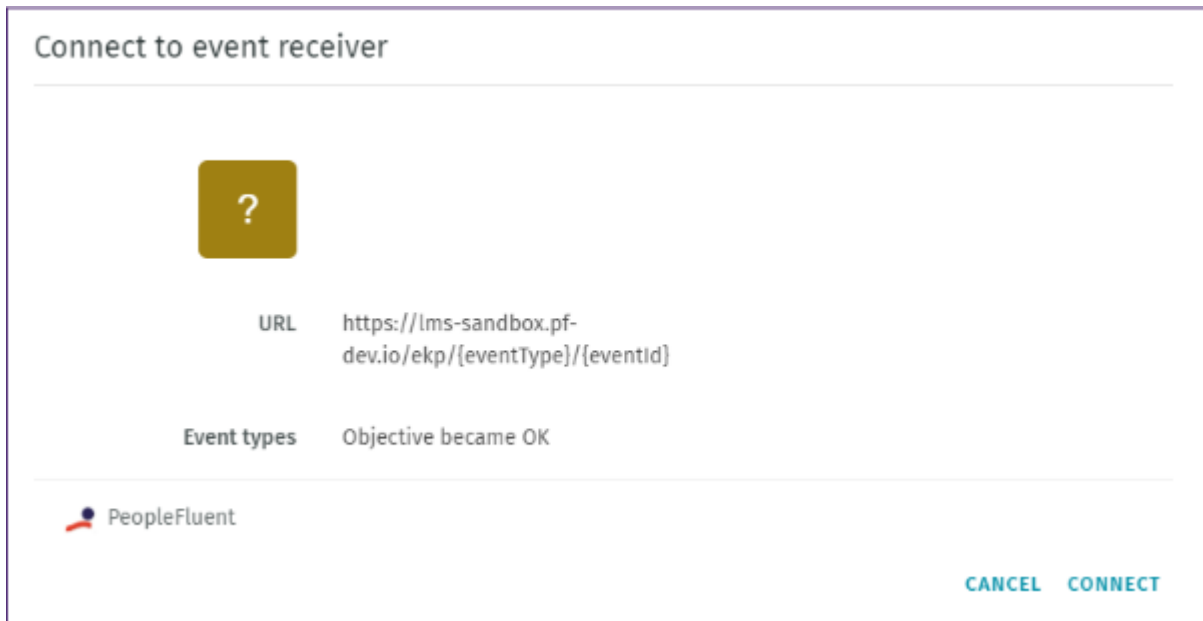   customer.learning.peoplefluent.net/ekp/sd/api/v1/drillster.

> ⓘ   No information is needed in the Event Type fields, as they are handled by
>   PeopleFluent Learning.

3. Enter values in the **Username** and **Password** fields. This can be any user but, like the
   client application, it is tied to a specific user. We recommend a generic user. Username
   and password are required for set up in PeopleFluent.
4. Select **Objective became OK** and **Objective became not OK** in the Events section.
5. Click **Create**. The Event Receiver details will display.

5. Open the Connection Link and click the **Connect** option on the bottom right.
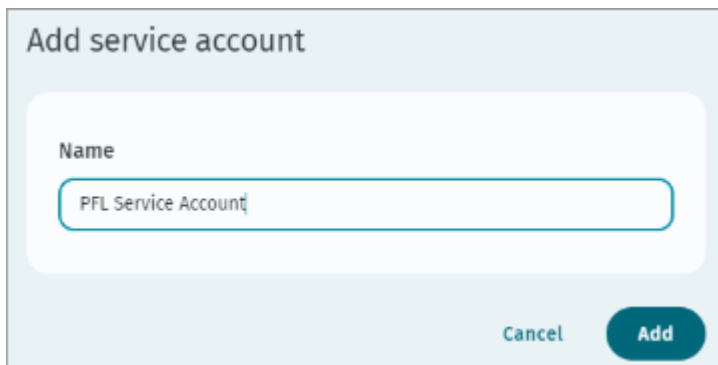
For additional information about Even Notifications in Drillster, please see https://www.drillster.com/info/developers/api/push/event-receiver/

Add Service Accounts

Service Accounts are users created through the user management functionality.

1. Under the **+New** button, select **Add service account**.
2. Give the account a meaningful name.

3. Click **Add**. The user is created and added to the list.
4. Click on the the name in the list to open the user with more information. Configure the information as described below:

    • Permissions - On the Permissions tab, set the following permissions.

        • Access public drills

        • Create SCORM packages

        • Manage courses

        • Manage and use drill entry tags

- Manage stories

- Practice organization drills

- Publish to catalog

- Insert answer time limits in drills

- Take individual tests

- Upload own drill covers

- User access

- See all defined anonymous tests

- See anonymous test results.

- **Groups** - You can bypass this tab as no information is needed.
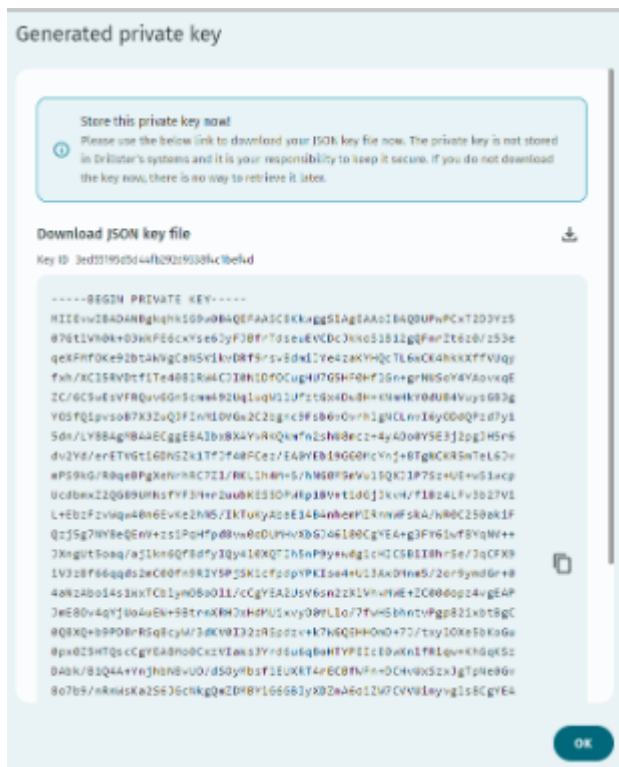
- **Keys** - Here you will generate a private key.

    a. Click **Add**, then **Generate new key**. This will display a private key.

    b. Click the **Copy** button at the right of the window to copy the JSON key file test and save it to a text file. This file will be stored in the WEB-INF/conf folder which is accessible by your hosting provider; for PeopleFluent SaaS customers this file can be submitted via support so it can be placed on the server.

Integration Setup on PeopleFluent

System Properties

The following fields need to be added to the ekp.properties file to be used as part of basic authentication for the Event Received Endpoint.

- **drillster.client_id** = Drillster Client ID from the Drillster Client Application

- **drillster.client_secret** = Drillster Client Secret from the Drillster Client Application

- **drillster_key_file** = The file name of the Drillster Key File that is loaded into WEB-INF/conf

- **drillster.service_account** = the service account identifier from Drillster

- **drillster.receiver_username** = Username from the Drillster Event Receiver

- **drillster.receiver_password** = Password from the Drillster Event Receiver
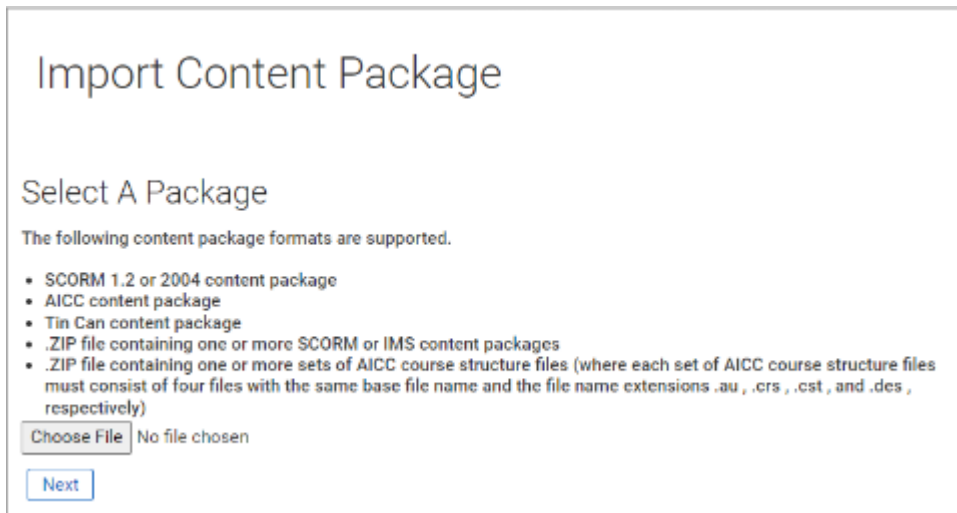
These are created by the customer when adding an Event Receiver in Drillster setup. Please see Integration Setup on Drillster for additional details.

Loading Content

Organizations use their SCORM offering to load and launch content.
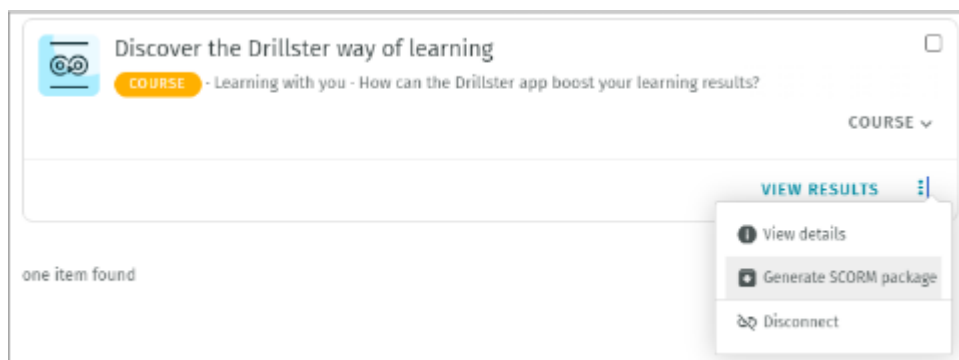
This is imported into the PeopleFluent the same way as any other SCORM package using the **Import Content Package** functionality. As a SCORM course, launching content for Drillster is the same as any other content item.

Import Content Package

Select A Package

The following content package formats are supported.

- SCORM 1.2 or 2004 content package
- AICC content package
- Tin Can content package
- .ZIP file containing one or more SCORM or IMS content packages
- .ZIP file containing one or more sets of AICC course structure files (where each set of AICC course structure files must consist of four files with the same base file name and the file name extensions .au , .crs , .cst , and .des , respectively)

Choose File No file chosen

Next

The course will pull some information out of the SCORM settings. Here is an example:

- **email**: pplf_jim

- **name**: Jim Johnson

- **hmac**: ff6fe01a65881ec229e5dcaafdcaaed24e3e3fde

- **lo_id**: iP-XBGcY_P3KIUGyGq9y0h

- **comments**:

- **group_id**: F4lALJQDIgj_YEk8Gy1ewlmagsX6wRZNQHPrymLm5uA

The email parameter is the **user id** in PeopleFluent and **cmi.core.student_id** in the SCORM standard.

Email Preference Setup

An email notification preference is available for Drillster courses. In some cases, Drillster courses will revert to a "not started" status, requiring users to retake a course. The purpose of the notification is to inform users that the are required to take the course again. Course administrators can configure this notification when setting up the course.

Note that this email preference is only available if the System Properties drillster.receiver_username and drillster.receiver_password are populated. Please see Integration Setup on PeopleFluent for additional information.

Transcript Status Changes

Drillster uses "objectives" to track progress, and for this integration it is recommended there is one objective per course.

Individual Courses

When a learner completes a course, Drillster will indicate the Objective has been met. Unlike SCORM communication, this takes place using the Endpoint that was configured under Integration Setup on Drillster. The course will be marked as Completed on the user's transcript.

Because Drillster is designed for re-taking training, there will be a notification the user needs to retake the course. Technically this is Drillster sending the a notification that the objective is no longer completed. In this case, the most recent completion transcript record will be mark as **In Process**, and a notification will be sent if it is configured under Email Preference Setup.

Programs

Completing a course or achieving an objective in Drillster will count towards the progress in a program as with any other learning module. However, there is level of complexity when a course is changed from **Completed** to **In Process**. If the course was required for program completion, the program will also be changed to In Process; this will also be the case if the course is in a program that is nested within another program(s). If the course was optional for program completion, the course will revert status but the Program will not necessarily change, depending on the credits required. Finally, if a user has a more recent enrollment, the course within the program will not change.

Competencies

When a Drillster course is assigned to a Competency, completing a course, or achieving an objective in Drillster, will count towards the progress toward the competency as with any other learning module. If the competency is already complete and the Drillster course is required for achieving the competency, and is reverting to **In Process**, the competency will also revert to **Incomplete** . If the course is optional, the status of the competency will depend on the competency settings for the number of optional courses.

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