



Content Provider Integration eHUB – Required Information

This document lists the information that Axiell R&D needs from a new e-media content provider to integrate it with the eHUB and then test the implementation.

1 REQUIREMENTS FOR DEVELOPMENT

Axiell R&D needs the following to be able to start the development.

1 Contact person

Name of and contact information to contact person from e-media content provider.

2 API documentation etc.

Any information available to make it possible to integrate the new e-media content provider. This information varies between e-media content providers. We would like

- API documentation,
- any other documentation of interest,
- the address to an administration interface where to manage settings and rules, if applicable (including login information),
- or other similar information.

3 Parameter information

Detailed information about different parameters for the e-media content provider. The parameters differ between e-media content providers; below is an example for Overdrive.

The screenshot shows the 'eHUB Administration' interface. At the top, there is a navigation menu with links: Home, eHUB Consumers, Content Providers, Error Causes, Languages, and Support. Below the menu, the page title is 'Content Providers / OVERDRIVE'. There are four input fields for configuration:

- API Base URL**:
- Circulation OAuth URL**:
- Discovery OAuth URL**:
- Patron API Base URL**:

At the bottom left of the form area, there is a blue 'Save' button.

4 Formats

A list of the supported formats for the e-media content provider.

Below is an example for Overdrive.



All Formats for this Content Provider	
audiobook-mp3	x
audiobook-wma	x
ebook-disney	x
ebook-epub-adobe	x
ebook-epub-open	x
ebook-kindle	x
ebook-overdrive	x
ebook-pdf-adobe	x
ebook-pdf-open	x
music-wma	x
video-wmv	x
video-wmv-mobile	x

2 REQUIREMENTS FOR TESTING

Axiell R&D needs the following to be able to test the implementation:

1 Information about test environment

How can we access the e-media content provider environment for testing? This can be a test environment or the test can be done directly against a production environment. Is there any special procedure that we need to know of during testing, for example, removal of loans?

2 Information about consumers

Detailed information about different parameters for the e-media content provider's consumers. This information is needed to be able to connect Arena test environment to the e-media content provider's consumers. Below is an example for Overdrive.

The screenshot shows the 'eHUB Administration' interface. At the top, there is a navigation bar with links: Home, eHUB Consumers, Content Providers, Error Causes, Languages, and Support. Below this, the breadcrumb path is 'eHUB Consumers / Axiell Test OpenGalaxy AMTEST008 / OVERDRIVE'. The main content area contains several form fields:

- Client Key:** A text input field containing 'xxxxxxxxxxxxxxxxxxxx'.
- Client Secret:** A text input field containing 'xxxxxxxxxxxxxxxxxxxx'.
- Error Page URL:** A text input field containing 'xxxxx'.
- ILS Name:** A text input field containing 'xxxxx'.
- Library ID:** A text input field containing '1111'.
- OverDrive Read Authorization URL:** A text input field containing 'http://authorization.com'.
- Website ID:** A text input field containing '10000'.

At the bottom of the form is a blue 'Save' button.

3 Borrowers

- Borrowers that should be able to borrow e-media



A list of borrowers for the current Arena test environment that can borrow e-media. These borrowers should also be available in the backend system that is connected to the current Arena test environment. These borrowers should automatically be able to loan an e-media item. This means that it should not be any requirement to manually register borrowers at the content provider site when testing eHUB through Arena.

- Borrowers that should not be able to borrow e-media

We also need a list of borrowers that should not be able to download e-media.

4 Index for the supported formats

Depends on the formats that the e-media content provider supports; an index file for the e-media that is available at the e-media content provider and in the backend.

If the e-media content provider supports both e-book and e-audio, we need available index existing at the e-media content provider and in the backend (that is connected to the current Arena test environment), both for e-book and for e-audio. For example, if the content provider is Overdrive, with supported formats e-audio and e-book then the e-audio and e-books that are available at Overdrive should also be available in the backend that is going to be use for testing. If Arena test environment is connected to OG backend *Saker*, then e-audio and e-books need to be available in Overdrive and *Saker*. For testing of the entire flow, Axiell Arena needs the list of the record ID:s for e-audio and e-books that are available in Overdrive and in *Saker*. In the following table you can see information that is good to have when testing.

Content Provider Name	Format	ContentProviderRecordId	Record Id	ISBN	Author	Title
Overdrive	e-Book	9780312870676	1407402196	9781407402192	Arnott, Jake.	Long firm
Overdrive	e-Audio	9781449890698	140740220X	9781407402208	Bonavero, Yves.	Something in the sea