

Use-Case: Authoring Scenario via MediaLibrary-prototype

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Introduction

In general terms the MediaLibrary scenario addresses the authoring and, therefore, creation of units of learning. The overall aim of the MediaLibrary is to support the multiple and different authoring processes that may be required to create increasingly complex units of learning. This is achieved by producing multiple variants from the same original material. Furthermore the MediaLibrary itself supports authors in organising and re-using their media assets by offering a clear structure within which they can develop content using various tools.

Description

The established MediaLibrary structure creates the possibility for keeping track of different versions, variants, translations and media types of multiple objects. These so-called MediaAssets (which are fine grained objects) can take the form of: individual text, images as well as audio and video files.

At a broader level the MediaLibrary allows authors to enrich content production processes towards the creation of units of learning. In other words promoting a more flexible approach to the use and reuse of materials. In reality the units of learning are held as main objects that consist of different media elements or MediaAssets.

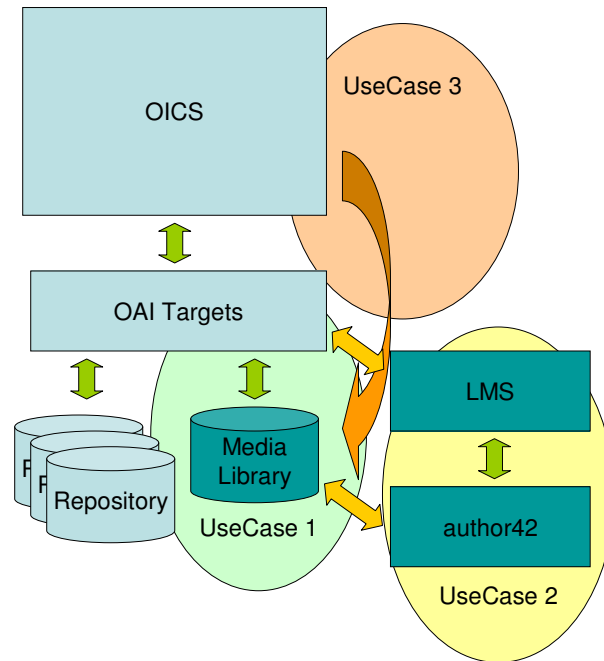
Thus the MediaLibrary is able to provide further flexibility in the production process by allowing one single instance of a unit of learning to be repurposed as multiple outputs such as language translations, an audio version or “talking book” as well as offering facilities to create accessible transcripts for those with visual disabilities.

OICS Use Cases

In summary, therefore, there are specific use-cases the MediaLibrary can support within the OICS with respect to the authoring reuse scenario:

1. **MediaLibrary as OAI-Target.** The MediaLibrary offers all its Media Assets via OAI-PMH interface to be searchable and displayable in the OICS. This use case is realised through the development and implementation of the OAI-target for the MediaLibrary.
2. **MediaLibrary as authoring and reuse tool.** The MediaLibrary can be established as a reuse tool in itself, which enables (through the support of the author42 authoring environment) the creation of units of learning for re-publishing (via an OAI-enabled LMS) into the OICS. This use case has been partly realised but needs to be continued.

3. **The MediaLibrary as visualisation tool for contents from other repositories.** The MediaLibrary could furthermore be used as a tool that enables the harvesting of existing content via the OICS to provide MediaAssets or units of learning for potential users. This use case is not yet realised.



MediaLibrary UseCases for the OICS