

Interoperability in action: all about the new OJS-ORCID plugin



See lin padgham <https://flic.kr/p/6FSbxD>
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@gabioshka
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Introductions



Gabriela Mejias
ORCID



Dulip Withanage
Heidelberg University Library

Why ORCID?

To solve the name ambiguity issue



Markus Pössel
@mpoessel

One of the crucial reasons we need @ORCID_Org

ORCID ID	First name	Family name
https://orcid.org/0000-0002-3185-4258	Thomas	Müller
https://orcid.org/0000-0002-6914-9570	Thomas	Müller
https://orcid.org/0000-0002-6971-5747	Thomas	Muller
https://orcid.org/0000-0001-8726-6052	Thomas	Müller
https://orcid.org/0000-0002-0013-2156	Thomas	Müller
https://orcid.org/0000-0002-2857-428X	Thomas	Müller
https://orcid.org/0000-0002-3400-3248	Thomas	Müller
https://orcid.org/0000-0003-1427-2982	Thomas	Müller
https://orcid.org/0000-0001-5331-5522	Thomas	Müller
https://orcid.org/0000-0002-7646-8115	Thomas	Müller

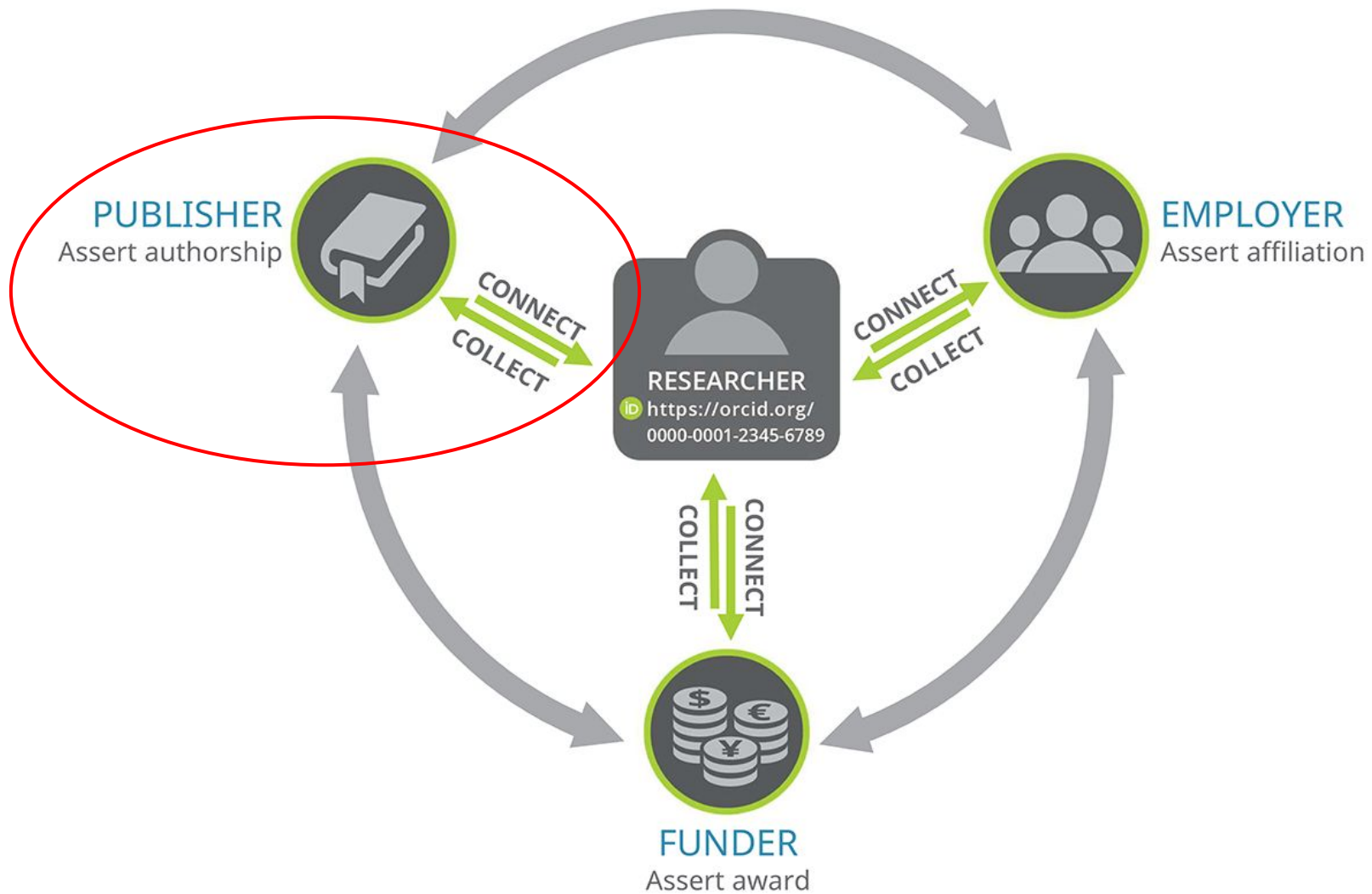


What is **ORCID**?

- ORCID is an open, not-for-profit organization run by and for the research community
- We provide researchers with a unique identifier, an ORCID iD, that reliably and clearly connects them with their research contributions, affiliations, funding & facilities
- We provide open tools (**ORCID Registry & API**) that enable transparent connections between researchers, and identifiers for their activities & contributions.



INTEROPERABILITY ENTER ONCE REUSE OFTEN



Our Community

- 1100 members from 40+ countries
- 22 consortia
- 600+ system integrations: all research sectors
- 7,5M+ iDs connected to:
 - 7,6M+ affiliations
 - 47M+ works (many dif type of contributions!)
 - 1,2M+ peer review activities
 - 18M+ unique DOIs



ORCID APIs

→ Sandbox (Testing)

<https://orcid.org/content/register-client-application-sandbox>

→ Production (Live Registry)

<https://orcid.org/content/register-client-application-production-trusted-party>

Public API Freely available	<ul style="list-style-type: none">•Authenticate: Get a user's authenticated ORCID iD•Read (Public): Search/retrieve public data•Create: Facilitate creation of new ORCID records (via on-demand process)
Member API - Basic Basic membership	<ul style="list-style-type: none">•Read (Limited): Search/retrieve limited-access data•Add: Post new items to a record•Update: Edit or delete items you previously added
Member API - Premium Premium & Consortium membership	<ul style="list-style-type: none">•Webhooks: Receive notifications of updates•Monthly reports (including email stats)•Access to monthly public data file



<https://members.orcid.org/api>

<https://orcid.org/about/membership/comparison>

Works in ORCID records

Number of works... 45,313,961

Works by visibility

-LIMITED (1,230,408)

-PRIVATE (2,043,620)

-PUBLIC (42,040,311)

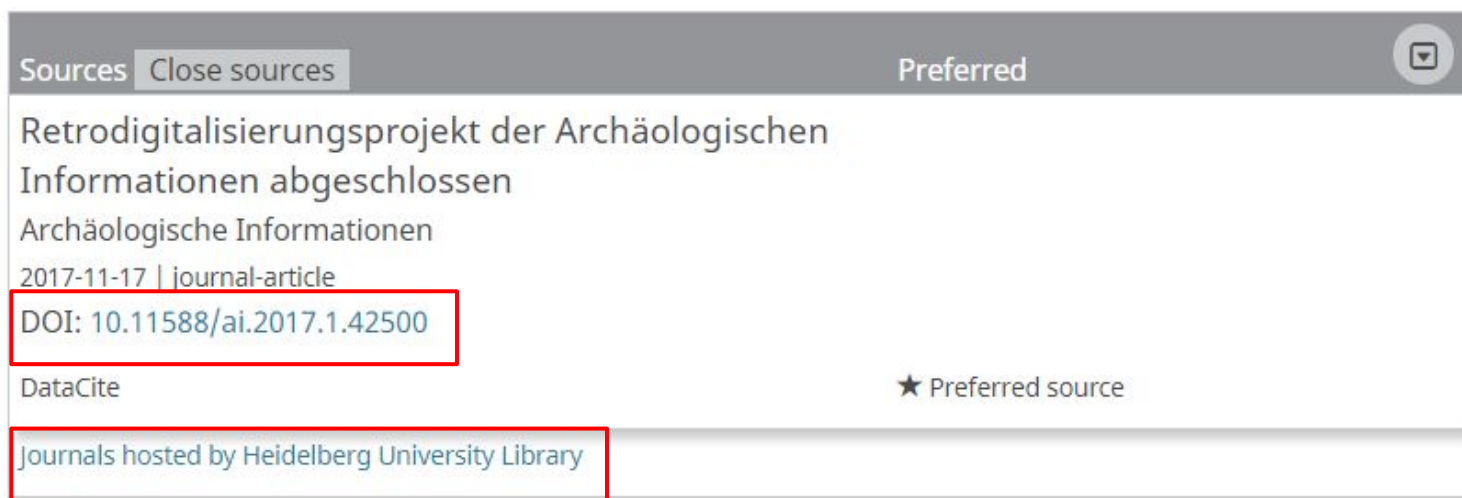
Works that have an identifier... 40,202,714

Of those works with DOIs, # of unique DOIs... 17,276,079

Number of works added by members... 30,075,370



Interoperability in action



The screenshot shows a user interface for managing sources. At the top, there are tabs for 'Sources' and 'Close sources', and a 'Preferred' label with a dropdown arrow. The main content area displays the following information:

- Retrodigitalisierungsprojekt der Archäologischen Informationen abgeschlossen
- Archäologische Informationen
- 2017-11-17 | journal-article
- DOI: 10.11588/ai.2017.1.42500 (highlighted with a red box)
- DataCite (highlighted with a red box)
- ★ Preferred source
- Journals hosted by Heidelberg University Library (highlighted with a red box)

Works are automatically grouped when:

- they share the same identifier (DOI, ISBN, etc)
- set with the relation "self"



Source: <https://orcid.org/0000-0001-6396-4876>

<https://support.orcid.org/hc/en-us/articles/360006894774-Group-multiple-versions-of-the-same-work-together>

Resources

1. Plugin
<https://github.com/pkp/orcidProfile/tree/c5b456c4fa4d0ff860adf52723548fe2a61a0abc>
2. Introduction and history of the plugin
<https://orcid.org/blog/2019/03/12/introducing-new-ojs-orcid-plugin>
3. Plugin guide (with detailed instructions about installation, setup and troubleshooting) <https://docs.pkp.sfu.ca/orcid/en/>
4. Plugin video tutorials:
 - a. Set up: <https://vimeo.com/374414746>
 - b. User authorization: <https://vimeo.com/374415404>
 - c. Co-authors: <https://vimeo.com/374416189>
 - d. Article publication: <https://vimeo.com/374417678>
5. PKP forum (to ask questions) <https://forum.pkp.sfu.ca/>
6. ORCID & OJS Webinar recording <https://vimeo.com/363060091>

OJS - Orcid Integration

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OJS
OPEN JOURNAL SYSTEMS

PKP
PUBLIC
KNOWLEDGE
PROJECT

OJS - Orcid Integration

- OJS
- ORCID Plugin
- Questions

OJS - Introduction

- Open Journal Systems (OJS) for Journals management and dissemination platform
- Free and open source software
- [Public Knowledge Project](#)
- Collaboration with Academic community
- OMP

PKP forum (to ask questions) <https://forum.pkp.sfu.ca/>

OJS - ORCID Plugin

- Introduction
- Development History
- Specification
- Functionality demos

ORCID Plugin Introduction

- Generic plugin
- ORCID API 2.1
 - Member API
 - Public API
- Configuration
- Logging

ORCID Profile Plugin ✕

Please configure the ORCID API access for use in pulling ORCID profile information into user and author profiles and updating connected ORCID records with new publications (only for ORCID Members).

ORCID API Settings

Member Sandbox ▼

ORCID API *
APP-XXXXXXXXXX

Client ID *
XXXXXXXX-f2e8-475c-88c3-16bbc1e1bdf1

Client Secret *

E-Mail Settings

Send e-mail to request ORCID authorization from article authors on publication of a new Issue

ORCID request log

Select the amount of logging output written by the plugin

All ▼

OK Cancel

* Denotes required field

ORCID Plugin Development

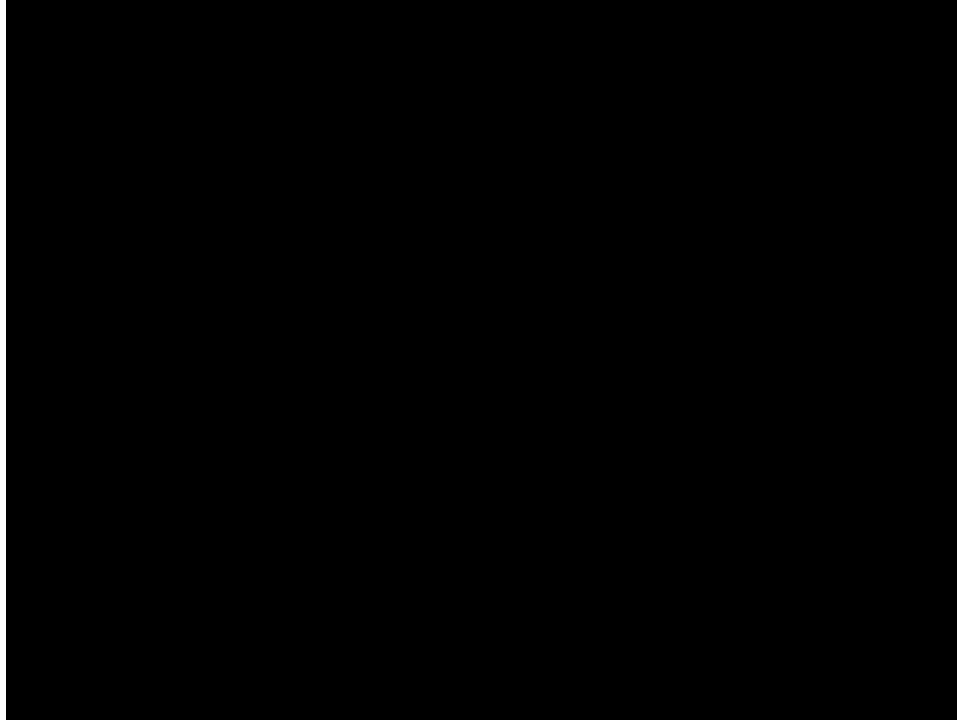
- Historical facts
 - [ULS - University of Pittsburgh](#)
 - [Public knowledge Project](#)
 - [Heidelberg University Library](#)
 - Community
 - <https://github.com/pkp/pkp-lib/issues/2818>

OJS-ORCID specification

Installation / User group	Public-API	Member-API
Sandbox	X	-
Production	-	-

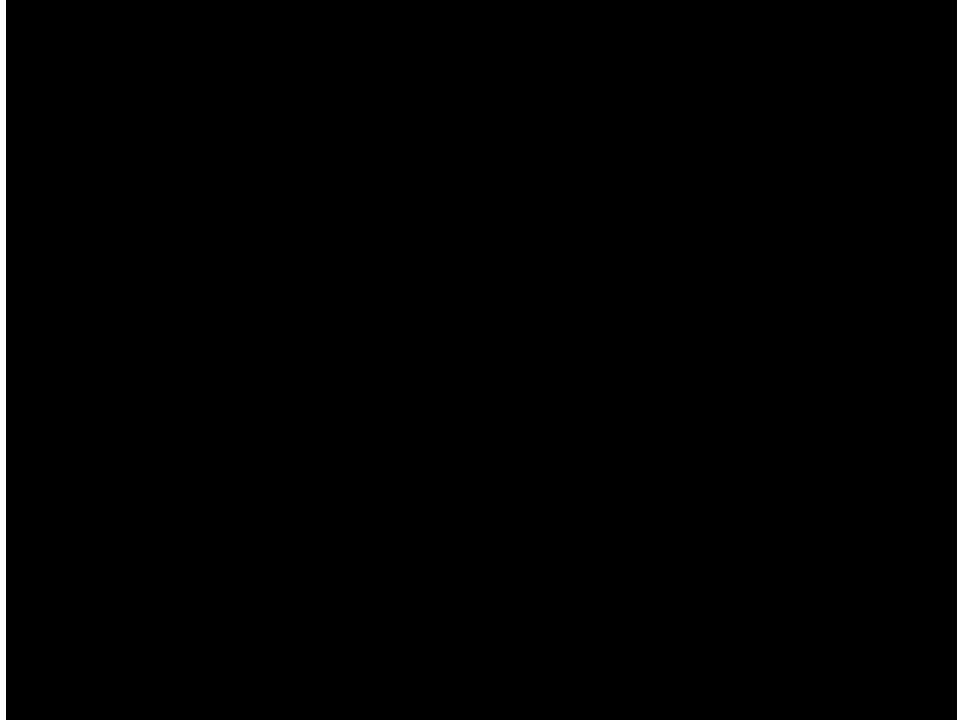
- Sandbox Installations for testing purposes
 - Only mailinator.com email addresses
- Production API 2.1
- OJS Version 3.1.1 + (3.1.2 recommended)

Orcid Plugin - Installation

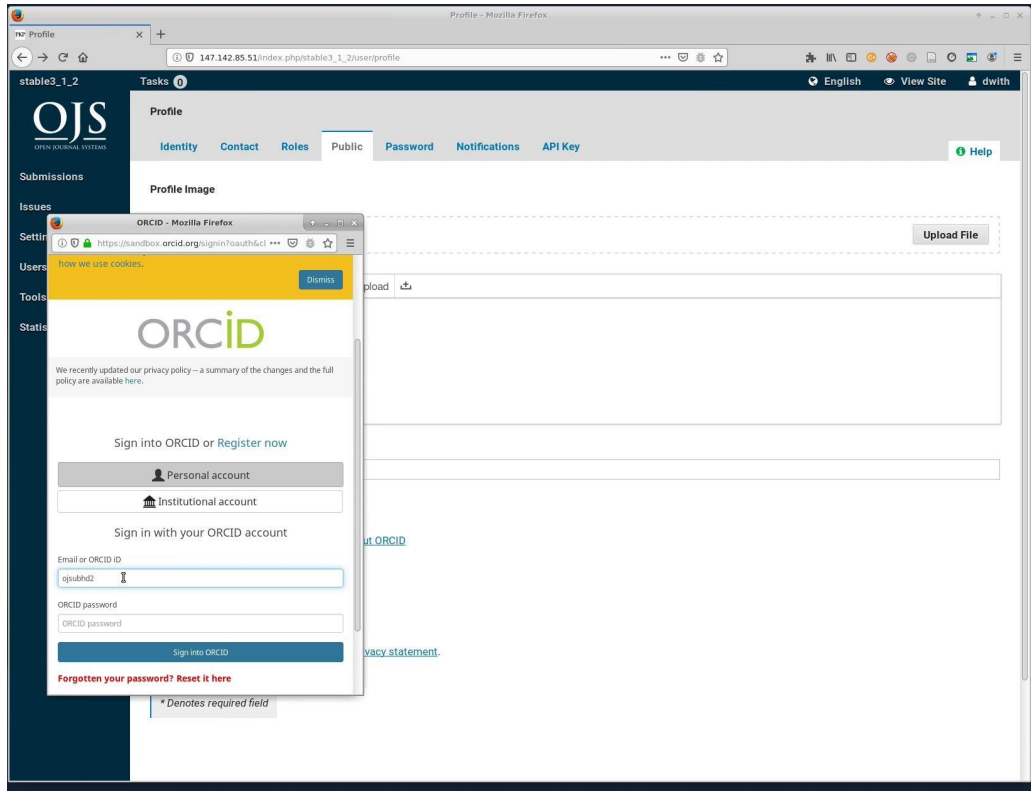


<https://vimeo.com/374414746>

Orcid Plugin - Installation

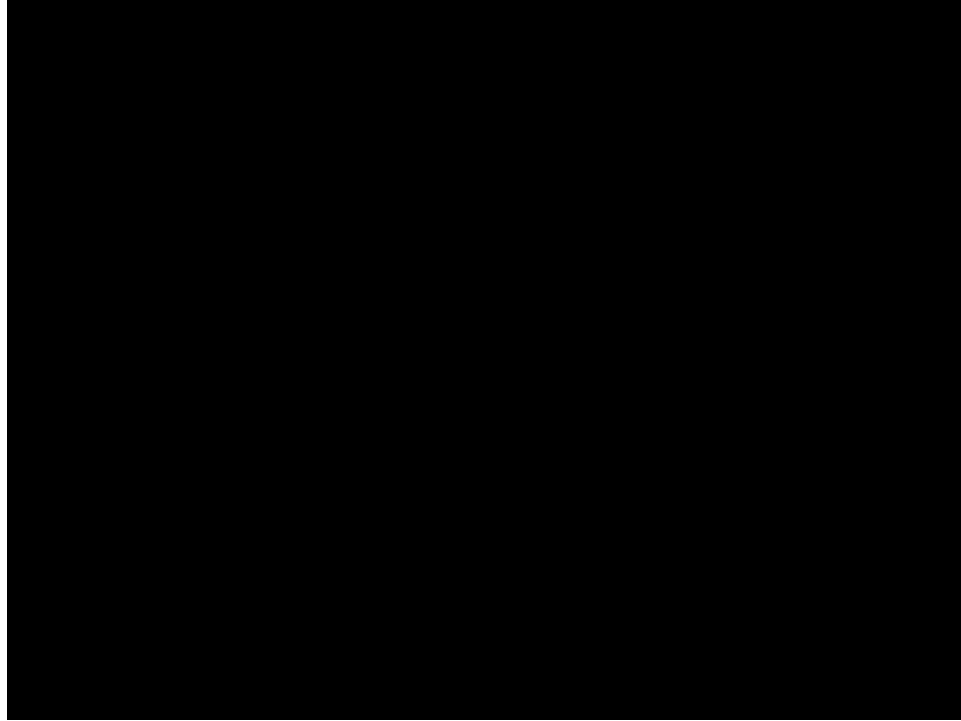


Orcid Plugin - User Authorization



<https://vimeo.com/374415404>

ORCID Plugin - User submission



External author submission

The screenshot shows the 'Submission and Publication Metadata' form in the OJS interface. The form is titled 'Submission and Publication Metadata' and has a close button (X) in the top right corner. The form is divided into several sections:

- Section:** A dropdown menu set to 'Articles'. Below it, a note states: 'Articles must be submitted to one of the journal's sections. *'
- Prefix:** A text input field.
- Title *:** A text input field containing 'Article from an external author'. Below it, examples are listed: 'Examples: A, The'.
- Subtitle:** A text input field.
- Abstract *:** A rich text editor with a toolbar containing icons for bold, italic, underline, link, unlink, list, list, link, unlink, and a table icon. Below the toolbar is a text area containing the word 'Abstract'.
- List of Contributors:** A table with columns: Name, E-mail, Role, Order, and Add Contributor. The table contains two rows: 'admin admin' (admin@admin.de, Author) and 'External Author' (eauthor@mailinator.com, Author). Below the table are links for 'Edit', 'Delete', and 'Add User'.
- Cover Image:** A dashed box containing the text 'Drag and drop a file here to begin upload' and an 'Upload File' button.

The background shows the OJS interface with a dark sidebar on the left containing navigation links like 'Submissions', 'Issues', 'Settings', 'Users & Roles', 'Tools', 'Statistics', and 'Administration'. The main content area on the right is partially visible, showing 'Participants' and 'Assign' buttons.

<https://vimeo.com/374417678>

Integration and next steps

- [University Library Heidelberg Integration](#)
- <https://github.com/pkp/pkp-lib/issues/4935>

Links

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Thank you!



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