

# Making diamond OA journals visible

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How CRAFT-OA empowers open infrastructure

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# CRAFT-OA



The publishing landscape for Open Access journals in Europe is highly diverse. However, often scattered among various organisations and institutions, many of these publishing services struggle to reach the necessary professionalisation and maturity levels required in state-of-the-art Open Access publishing. CRAFT-OA (Creating a Robust Accessible Federated Technology for Open Access) aims to change that. The project's target is to make the Open Access landscape more resilient by centralising expertise, collaboration and a joint visibility/indexing layer.

## Goals



**Provide** — technical improvements for journal platforms & journal software



**Increase** — visibility, discoverability and recognition for Diamond Open Access publishing



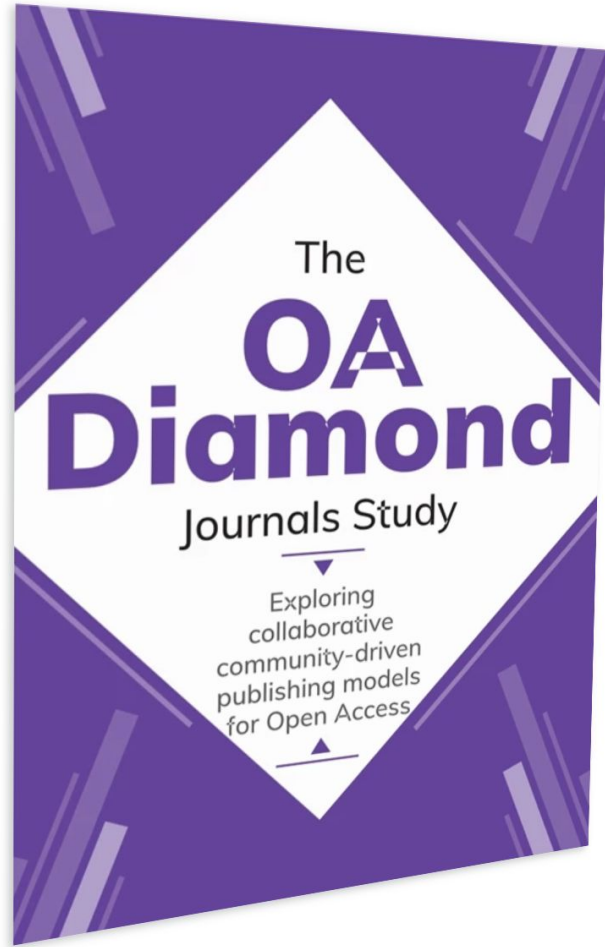
**Foster** — bibliodiversity by supporting local, regional & multicultural publishing initiatives



**Integrate** — Diamond Open Access publishing with the European Open Science Cloud and other large-scale data aggregators



**Build** — communities of practice to foster overall infrastructure improvement



## The problem

- diamond journals represent a **wide archipelago of relatively small journals** serving diverse communities
- but they **struggle to be properly integrated** into the ecosystem of scholarly publications because they lack the leverage and the reputation to be included in major databases
- they also face a number of challenges in operations, including legal challenges, struggling to find reviewers, **using unstable and potentially unsustainable platforms**, monitoring and reporting due to their lack of indexation in more prestigious platforms and databases, and **struggling with content visibility**

# The real problem



# **CRAFT-OA Key exploitable results**

- [Diamond Discovery Hub](#)
- [OJS core feature enhancements](#)
- [OpenAIRE Publisher Dashboard](#)
- [Institutional Publishing Technical Living Handbook](#)
- [OJS Diamond Plugins](#)
- [Knowledge Base of Academic Publishing Indexes](#)

# CRAFT-OA Key exploitable results

- Diamond Discovery Hub
- OJS core feature enhancements
- OpenAIRE Publisher Dashboard
- Institutional Publishing Technical Living Handbook
- OJS Diamond Plugins
- Knowledge Base of Academic Publishing Indexes

# The team @

# MASARYK UNIVERSITY PRESS



Radek Gomola



Martina Dvořáková

## MUNI | Journals

Login Čeština

Search Query

Home Archive

With 157 printed and electronic journals published annually including some released under OpenAccess licence, Masaryk University is one of the largest publishers of academic and scientific journals in the Czech Republic. Many journals are indexed in major international citation databases such as SCOPUS and ERIH as well as in the List of non-impact peer-reviewed journals published in the Czech Republic.

In 2011, Masaryk University was the first Czech university to join CrossRef, a worldwide scientific database. Since then, editors of the journals have been utilizing the DOI system to make the content available to a wider audience and to further facilitate the dissemination of academic knowledge.

The portal Journals.muni.cz was created to simplify the orientation of the readers in journals published by Masaryk University. It uses the university-wide publishing and management system (OJS) to facilitate the work of editors, authors, and reviewers.

### Filter Journals

Faculty, University Department

Faculty, University Department

Subject

Subject

Science Database

Science Database

**FILTER** Cancel

A B C D E G I K L M N O P R S T U



### Komenský

Časopis Komenský přináší odborné články zprostředkovávající výsledky pedagogických výzkumů, zkušenosti a náměty z praxe, reportáže (nejen) ze škol, návrhy alterací autentických výukových situací, recenze českých i zahraničních publikací a řadu dalších postřehů a glos souvisejících s edukační realitou. Časopis tak poskytuje prostor pro prezentaci kvalitních odborných příspěvků, podporuje výměnu zkušeností mezi učiteli z praxe a vytváří platformu k diskusi široké veřejnosti k současným problémům české školy.

#### Additional information

<b>Editor in chief</b>	Mgr. Veronika Rodová, Ph.D.
<b>Managing Editor</b>	doc. PhDr. Mgr. Tomáš Janík, Ph.D., doc. PhDr. Anna Tomková, Ph.D.
<b>Published since</b>	1873
<b>Periodicity</b>	4x
<b>Language</b>	Czech
<b>Department</b>	Pedagogická fakulta
<b>ISSN</b>	0323-0449 (print)
<b>MK ČR E 1591</b>	

[Portál elektronických zdrojů MU](#) [Databáze závěrečných prací \(IS MU\)](#) [Knihovní katalog](#) [Repozitář](#) [Knihovny MU](#)



# OJS Diamond plugins

## Discoverability

1. OJS Discoverability Companion (DISCO plugin)
2. OJS connector for OpenAIRE Graph
3. OJS plugin for the integration of the OpenAIRE Broker

## Interoperability

1. OJS plugin for the EOSC Interoperability Framework on Research Product Publishing
2. Plugins to enable JATS XML based interoperability between OJS and Lodel
3. Journal Metadata Exchange Format plugin

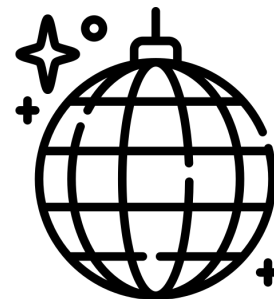
# The DISCO plugin

## The idea

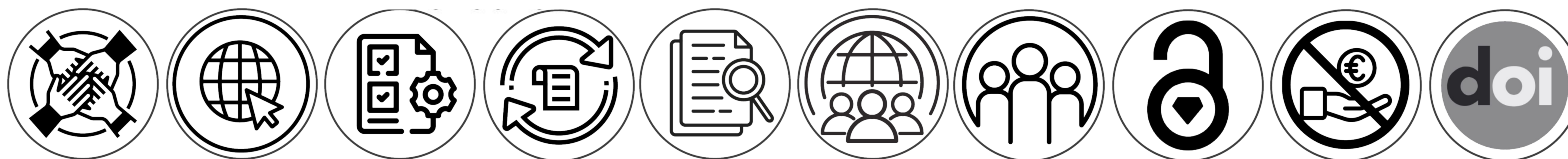
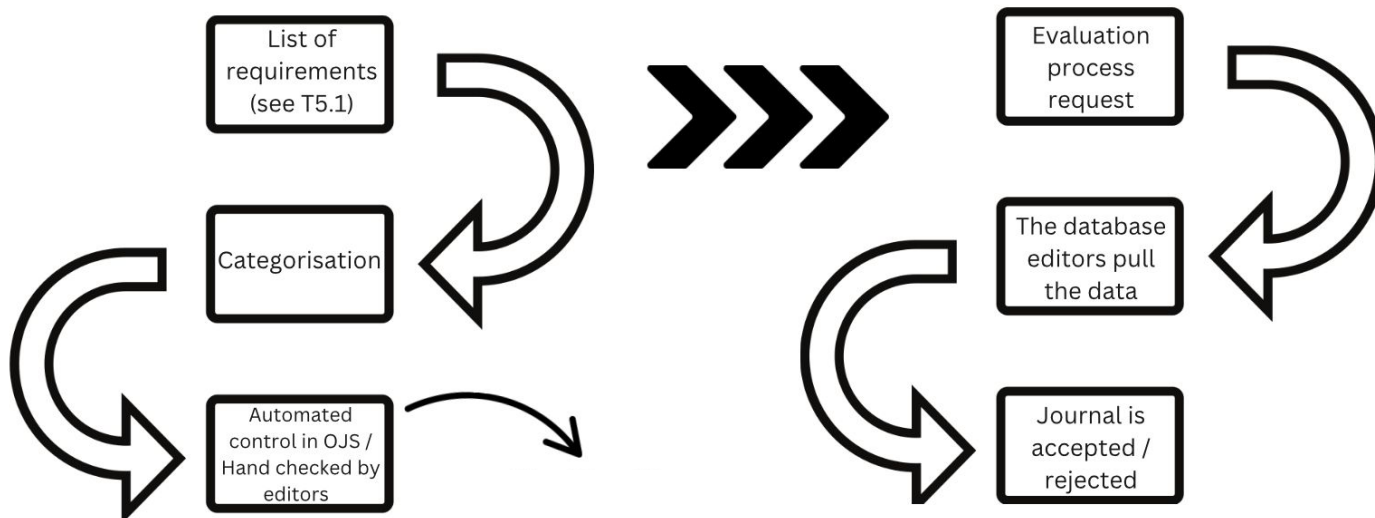


The Discoverability companion (DISCO) is designed to be an inventory of the requirements of different databases and aggregators. Building on the [Knowledge Base of Academic Publishing Indexes](#), DISCO provides a consolidated list of their requirements. In many cases the requirements are very similar or the same in different indexes, but they are named differently, which may not be obvious to the user at first glance. The DISCO plugin will serve as an inventory of requirements and their descriptions, and also as an incentive for editors – visually showing them that if they meet this requirement, they can log into that database.

# The DISCO plugin

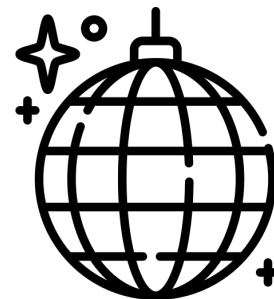


## The process



# The DISCO plugin

## The tool



### Website Settings

Appearance Setup Plugins Static Pages Discoverability companion

Plugin Discoverability companion is used by editors to check various criteria and gain an overview of their journals. The criteria of aggregators, indexing databases, or search engines are divided into several sections. Some criteria are evaluated automatically, some editors must check themselves in a simple checklist, and others serve only as recommendations. Check to see if your journal could be more visible and learn how to achieve that.

#### Diamond criteria

##### Appearance

##### Journal Description

##### Landing Pages / Galleys

##### Metadata Requirements

##### Metadata Quality

##### Journal policy

##### Regularity

##### General Recommendations

#### Diamond criteria

The Diamond OA criteria for journals are a set of **operational criteria** that allow for a binary classification between Diamond OA journals (journals that fulfil all these criteria) and non-Diamond OA journals (journals that do not fulfil all these criteria)

Below are the 6 criteria as defined by the task force in collaboration with the community

##### 1. Persistent identification

▶ [More information](#)

##### 2. Scholarly journal

▶ [More information](#)

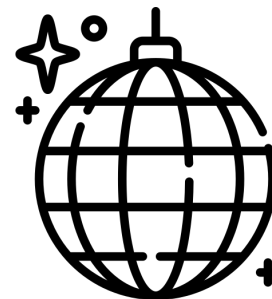
##### 3. Open Access with open licenses

OJS checks if the journal is enabled, publishing mode is set up to Open Access and CC License is chosen.

▶ [More information](#)

# The DISCO plugin

## The results



### Diamond criteria

### Appearance

### Journal Description

### Landing Pages / Galleys

### Metadata Requirements

### Metadata Quality

### Journal policy

### Regularity

### General Recommendations

### Impact Recommendations

### SEO

### Results

### Badges

### Results

This page is designed to display scores for individual databases that require certain prerequisites for application submission, which are subsequently subject to evaluation. Since the Discoverability Companion tool is a self-assessment tool, it cannot guarantee that a journal will be evaluated by the service. The plugin serves only as an aid and knowledge base. Below, you will also find additional databases that may not have any evaluation criteria but are still worth being aware of.

#### BASE

[Become a content provider](#)

▶ [More information](#)

#### CEEOL

Score: 0 / 3

▼ [Less](#)

The Central and Eastern European Online Library (CEEOL) is a repository of full text indexed documents in the fields of Humanities and Social Science publications from and about Central and Eastern Europe.

#### **Joining Process**

Completion of the online application form and evaluation by the CEEOL's publisher support team.

#### CORE

[Join CORE as a data provider](#)

▶ [More information](#)

#### Crossref

Score: 0 / 5

# The DISCO plugin

## The future

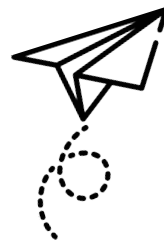
The Discoverability companion as a stand-alone tool outside OJS?



# OJS Diamond plugins: Discoverability

## OJS connector for OpenAIRE Graph

- Plugin available at GitHub:  
<https://github.com/munipress/openAIREstandard>
- Now supports the current three major OJS versions 3.2.1, 3.3 and 3.4.
- The original plugin was modified to meet the requirements of the OpenAIRE Guidelines for Literature Repository Managers v4
- The new plugin has been evaluated in the production environment, it is now used by 34 journals published by Masaryk University
- The metadata of the journals has been successfully validated by the OpenAIRE Validator, and
- aggregated into the OpenAIRE Graph



# OJS Diamond plugins: Discoverability

## OJS plugin for the integration of the OpenAIRE Broker

- Plugin available at GitHub:  
<https://github.com/munipress/openAIREBrokerService>
- Connects OJS with OpenAIRE Graph Enrichments
- The OpenAIRE Broker API – Enrichments plugin allows editors in OJS to view enrichment suggestions provided by the [OpenAIRE Broker API](#).
- Enrichments are not automatically imported or written into article metadata. Instead, the plugin visualizes enrichment results for registered subscriptions via the [OpenAIRE Provide service](#).



# OJS Diamond plugins: Interoperability

## OJS plugin for the EOSC Interoperability Framework on Research Product Publishing

### Summary of Recommendations of the EOSC Future Working Group

1. Recommended protocols for research product deposition in push mode.
  - [SWORD v3.0](#)
2. Recommended protocols for research product deposition in pull mode.
  - [COAR Notify](#) + [Signposting](#)
3. Recommended protocols for accessing the content behind a PID.
  - [Signposting](#)
4. Recommended metadata exchange formats.
  - Latest versions of the [OpenAIRE guidelines](#).

Additional details and examples available in the [Recommendation document](#).

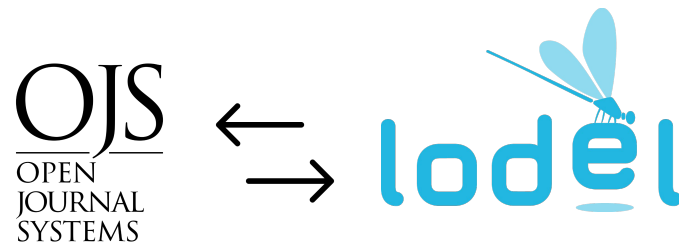
→ [OJS SWORD v3.0 plugin](#)

→ [OJS Signposting plugin](#)

→ [Standard OpenAIRE Guidelines for Literature Repository Managers v4 OJS3 plugin](#)

# OJS Diamond plugins: Interoperability

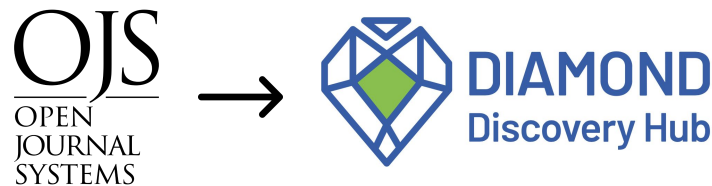
## Plugins to enable JATS XML based interoperability between OJS and Lodel



- <https://github.com/withanage/xmlConverter>
- The aim is to improve interoperability between publishing platforms through the development of tools enabling seamless conversion between Journal Article Tag Suite (JATS) and Text Encoding Initiative (TEI) eXtensible Markup Language (XML) formats.
- Two primary tools: a plugin for Open Journal Systems (OJS) and a software bundle<sup>1</sup> for Lodel 2.0. Both implementations are designed to support bidirectional format conversion between JATS and TEI.
- Authors: Dulip Withanage, Jean-Christophe Souplet

# OJS Diamond plugins: Interoperability

## Journal Metadata Exchange Format (JMEF) plugin



- <https://github.com/munipress/jmef>
- Generic and open format for sharing journal metadata created as part of the CRAFT–OA project
- Defines structure for journal metadata provided in XML format
- Developed for Diamond Discovery Hub with focus on Diamond criteria
- Simple XML generator based on the code used to generate sitemap.xml
- Provides an easy way to harvest journal metadata in JMEF
- Implements the JMEF.xsd structure
- Second part of the plugin extends the missing journal metadata



*... and let us know  
what we can improve.*

# Thank you!

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All the CRAFT-OA project results are available at <https://www.craft-oa.eu/results/>