OMP & OJS at Masaryk University

EIFL: OJS Best Practices and Use Cases series #5

Martina Dvořáková, Radek Gomola

Masaryk University Press

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Agenda

1. Munispace – Masaryk University Reading Room

2. MUNI Journals – Masaryk University Journals Server

3. CRAFT-OA project

4. OJS Diamond plugins

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Munispace

Masaryk University Reading Room

Radek Gomola

https://munispace.muni.cz

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Munispace: Masaryk University Reading Room is a virtual space that enables readers to study, do research, browse and download books. *Munispace* offers academic as well as popular science e-books published by Masaryk University.

Masaryk University Press gathers information on all Open Access e-books published by Masaryk University. In *Munispace* readers can search these records and browse through them. Digital libraries, such as Munispace, provide access to full versions of the books.

Since 2019 *Munispace* has provided access to monographs from the founding editions of the Masaryk University. We refer to this collection as the **Gold Fund**.
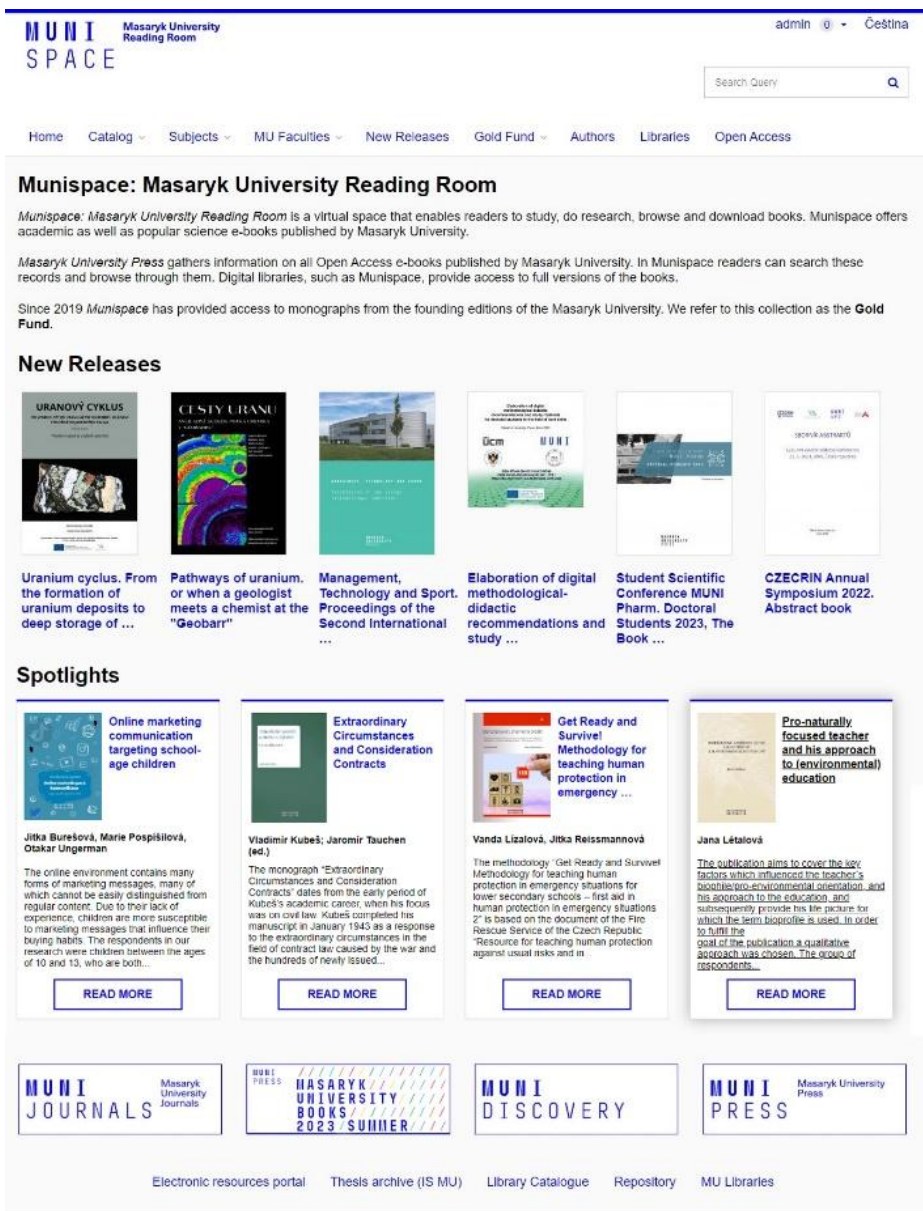
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Design History of Munispace
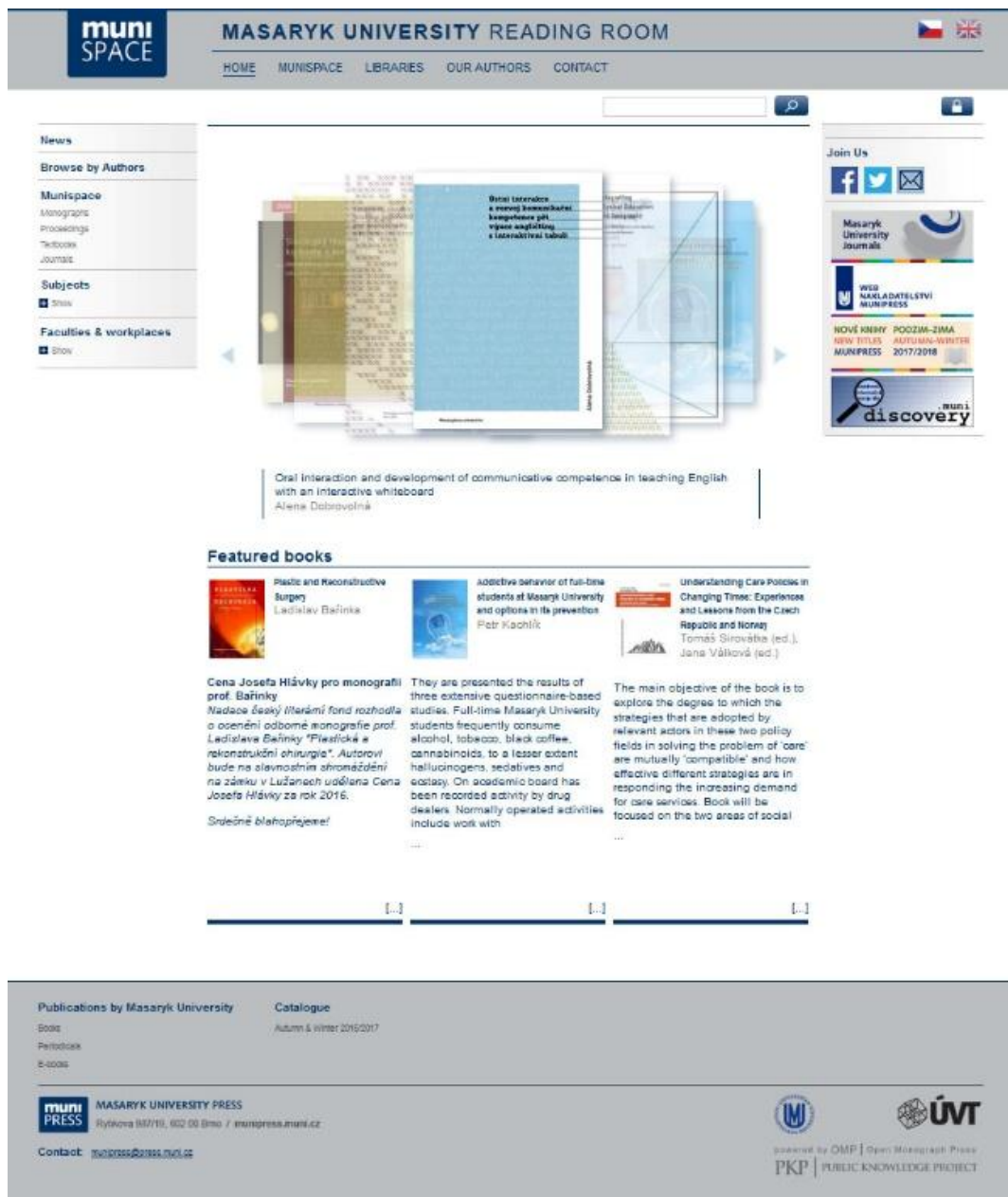
Munispace – v1
(May 2014 – October 2017)
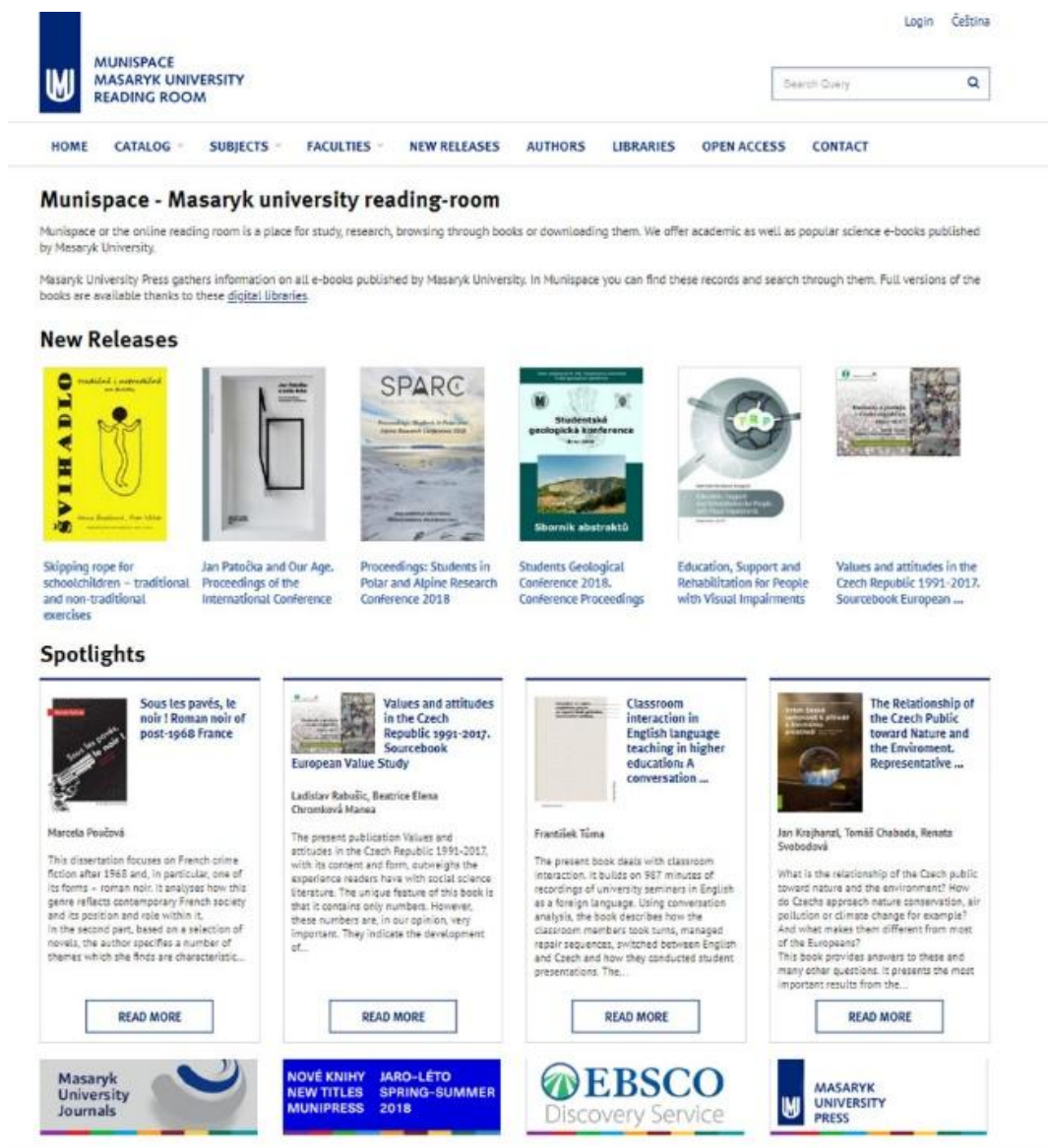
Munispace – v2 Temporary design
(October 2017 – July 2018)

Munispace – v3 MU JVS
(July 2018 – Now)

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History of Munispace

- February 2014 – joining Munipress

- March 2014 – launching OJS (Open Journal Systems)

- April 2014 – first steps with OMP (Open Monograph Press)

- May 2014 – pilot version of Munispace

- 2014 – 2017 – aiming to make Munispace work better

- June 2017 – setting off Munispace v2

- October 2017 – Munispace changed core to OMP 3 and got new visual style

- July 2018 – New Unified Visual Style of Masaryk University (JVS)

- 2019 – Gold Fund

- 2020 – Chapters and Proceedings Articles

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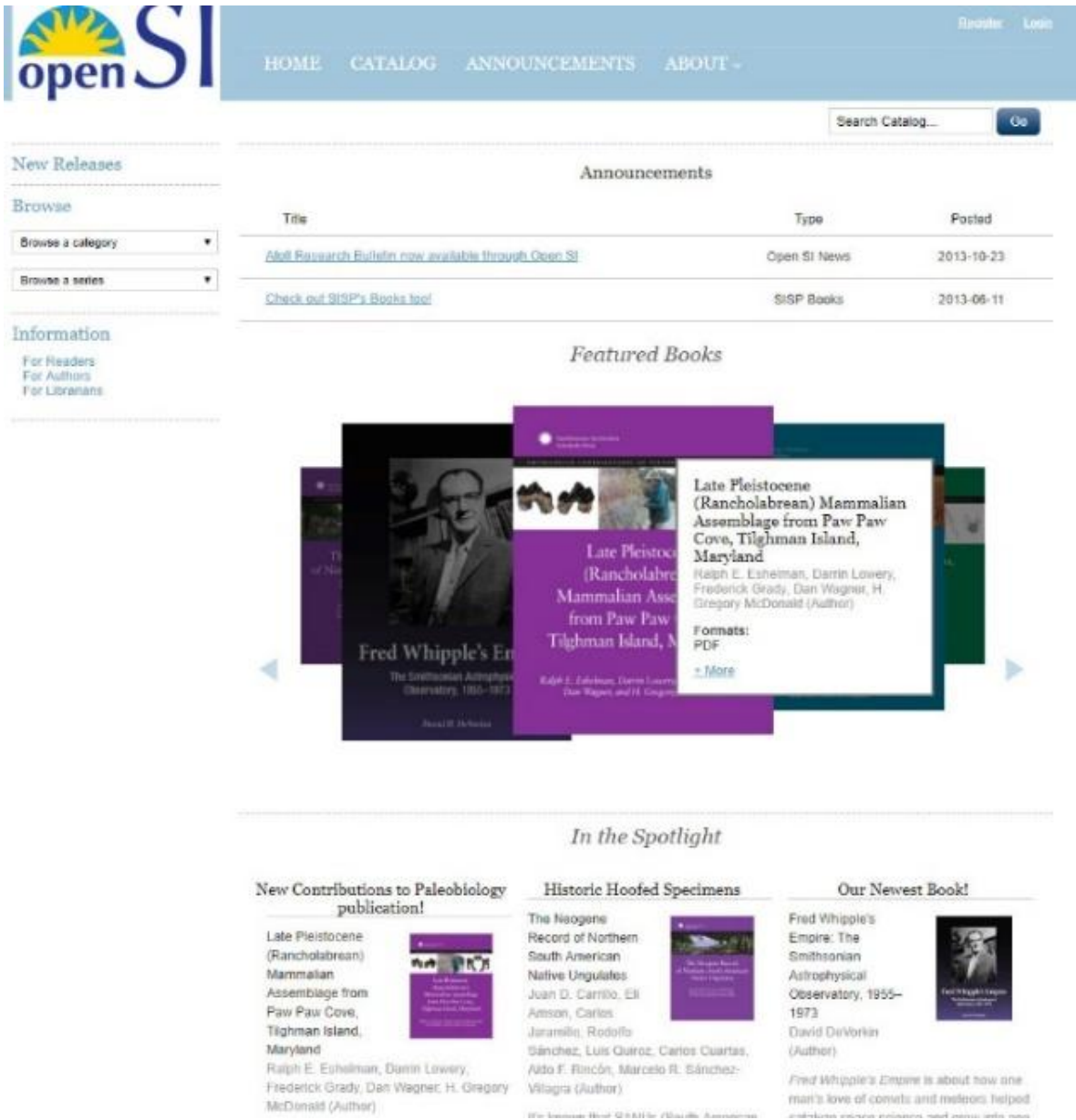# First things first / Every beginning is difficult

- First stable version of OMP – bugs and problems

- Our expectations / reality

- No Czech localization

- No sorting and filtering functions

- Created for small presses – problems with large volume of books

- Poor design

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Design History of Munispace

Munispace – v1   VS   OMP 1

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Munispace v1 – first steps and my contribution

- Translation – Petr Dvořák

- Visual style – Pavel Křepela

- Sorting, filtering and paging functions added

- Showing books by author

- Upgrading SQL queries for faster page response

- New panels for categories

- Better page menu and landing pages for books

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2017 – milestone

- Masaryk University – new temporary web templates and visual style

- Public Knowledge Project (PKP) came with OMP 3 (to compare with OJS 3 core, OMP 2 skipped)

- Munipress starts using FlipBooks

- Increasing number of readers using Munispace

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Munispace v2 – temporary design

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Munispace v2 – everything changes

- New visual style = new work (design does not fit OMP 3)

- Mobile friendly responsive design

- OMP 3 – new system core = new work (older plugins and features are incompatible)

- Completely new work on SQL queries – processes a large amount of data

- Add FlipBook for better reading

- Add SlickSlider for news

- New catalogue browsing and searching by ISBN

- And much more: Short links, similar publications …

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Munispace v3 – unified visual style of MU

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Munispace v3

- New visual style – Masaryk University Unified Visual Style

- Gold Fund

- Crossref Cited-By, PlumX altmetrics integration

- Landing pages for chapters and proceedings articles

- HTML versions (for example https://munispace.muni.cz/library/catalog/book/2178)
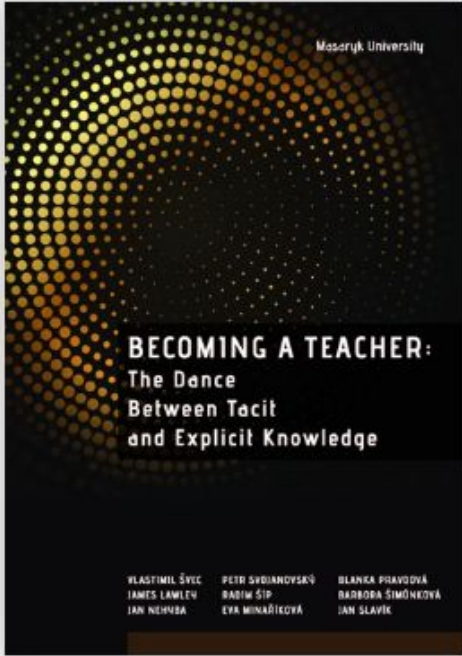
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Munispace – Gold Fund

- 681 titles from founding editions of Masaryk University

- For registered users only – you need to accept some law conditions

- Not OA titles but very important for scientists

- Completely new feature in OMP based on FlipBooks and HTML reader

- Secured data, so you can't even download them – just for reading

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Munispace – Crossref Cited-BY, PlumX altmetrics

Becoming a teacher: The dance between tacit and explicit knowledge

VLASTIMIL ŠVEC, JAN NEHYBA, PETR SVOJANOVSKÝ ET AL.

ABSTRACT **DOWNLOAD** **DESCRIPTION** **STATISTICS**

Here you will find statistics for the Crossref Cited-by service and PlumX, if displayable data is available.

Crossref Cited-by for DOI:10.5817/CZ.MUNI.M210-8605-2017 (3)

1. Communication as a Means of Development in a School with a High Percentage of Foreign Pupils
Denisa Denglerová, Martina Kurowski, Radim Šíp
ORBIS SCHOLAE vol: 13, issue: 3, first page: 39, year: 2020
https://doi.org/10.14712/23363177.2020.4

2. Clean Language Interviewing
Jan Nehyba
ISBN 978-1-80117-330-8 first page: 31, year: 2022
https://doi.org/10.1108/978-1-80117-330-820221003

3. CYBERSPACE AS A SPACE: ANALYSIS OF METAPHORICAL STATEMENTS OF UNIVERSITY STUDENTS
Michal Černý
Problems of Education in the 21st Century vol: 79, issue: 6, first page: 838, year: 2021
https://doi.org/10.33225/pec/21.79.838

Categories −

Pedagogy
Monographs
Faculty of Education

Share This −

https://munispace.muni.cz/book?id=887

Citations
CrossRef - Citation Indexes: 3

Usage
EBSCO - Abstract Views: 239
EBSCO - Full Text Views: 149
EBSCO - Downloads: 8
EBSCO - Link-outs: 3
WorldCat - Holdings: 763

Captures
EBSCO - Exports-Saves: 7
Mendeley - Readers: 17
Mendeley - Readers: 6
Mendeley - Readers: 4
Mendeley - Readers: 1
Mendeley - Readers: ...

Mentions
Wikipedia - References: 1

PLUMX - see details

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Statistics - Visits overview

- 1900 titles from 12 faculties and other intitutes

- 7 600 visitors and 16 800 pageviews on average every month last year

	2017	2018	2019	2020	2021	2022	2023	2024	To 2025/05/27
Visits	17 162	27 995	41 831	69 883	79 991	80 720	84 435	91 728	40 249
Pageviews	41 076	67 499	91 188	188 773	216 701	178 417	177 820	202 204	86 184
Downloads	6 977	3 872	9 561	15 191	18 236	17 359	16 265	18 797	7 032
PDFs views	-	12 657	19 601	38 887	44 049	49 212	36 467	41 549	18 319

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MUNI JOURNALS

Masaryk University Journals Server

https://journals.muni.cz

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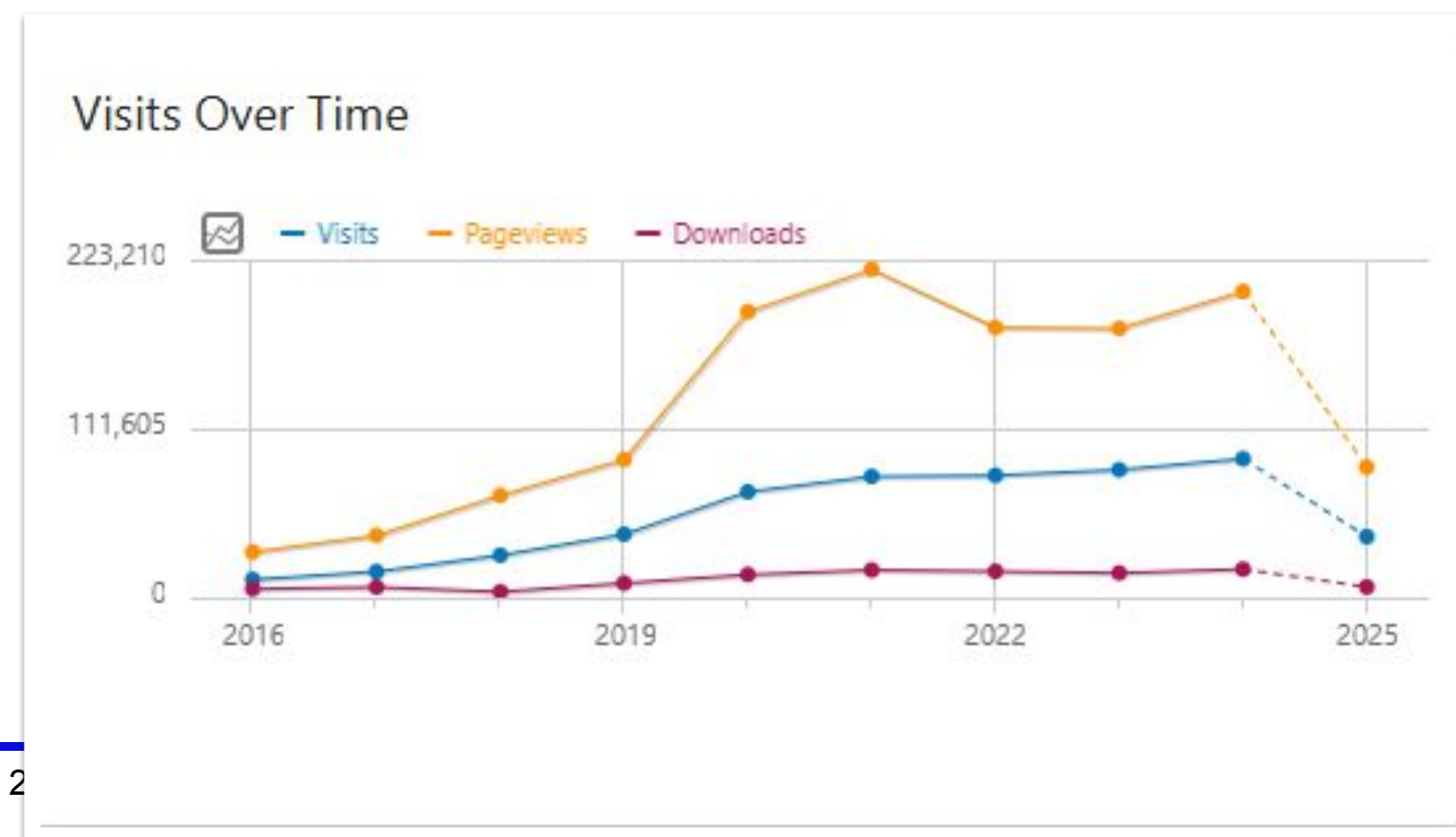
OJS – Before and after (default design)

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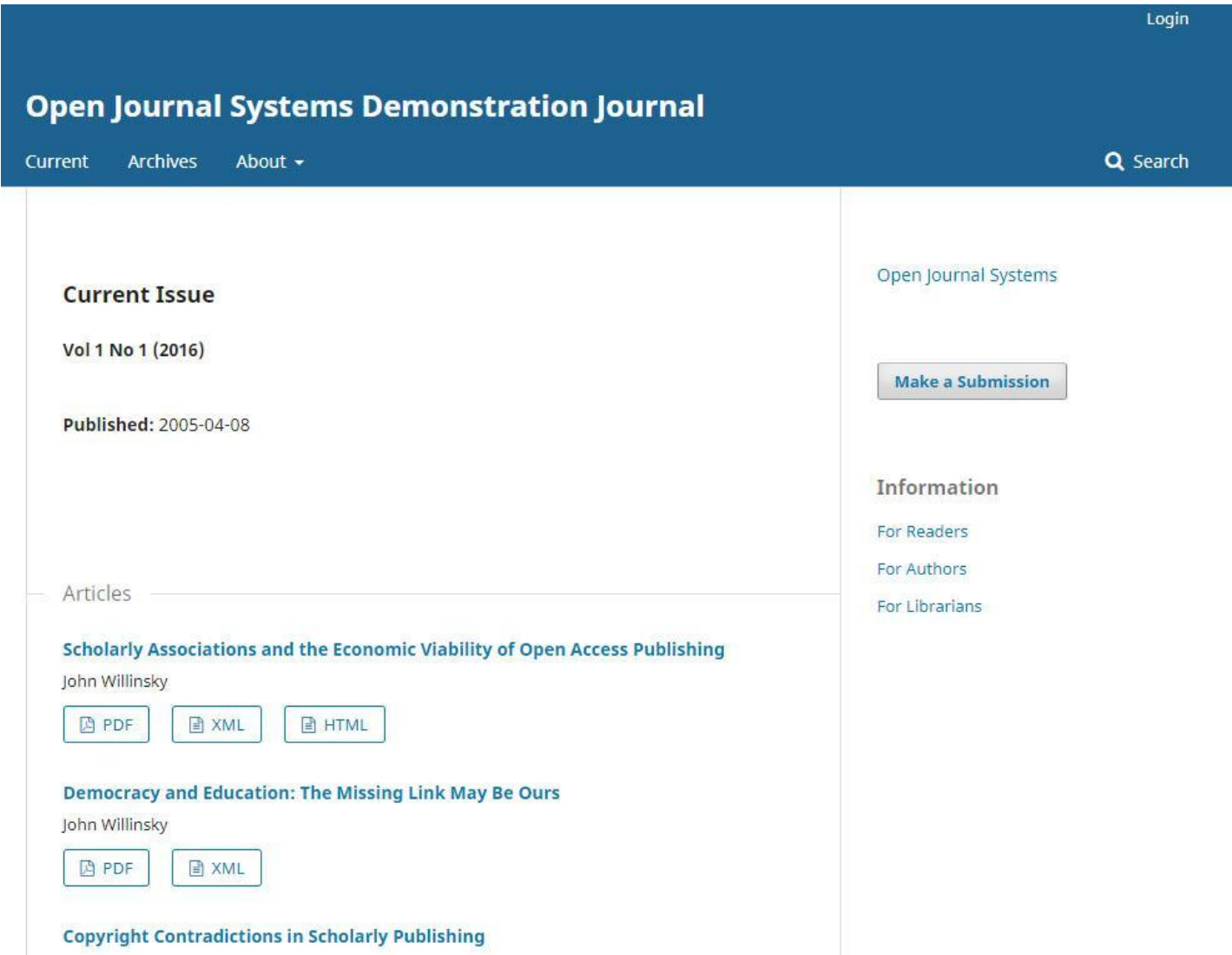
OJS – Before and after (MUNI Design)

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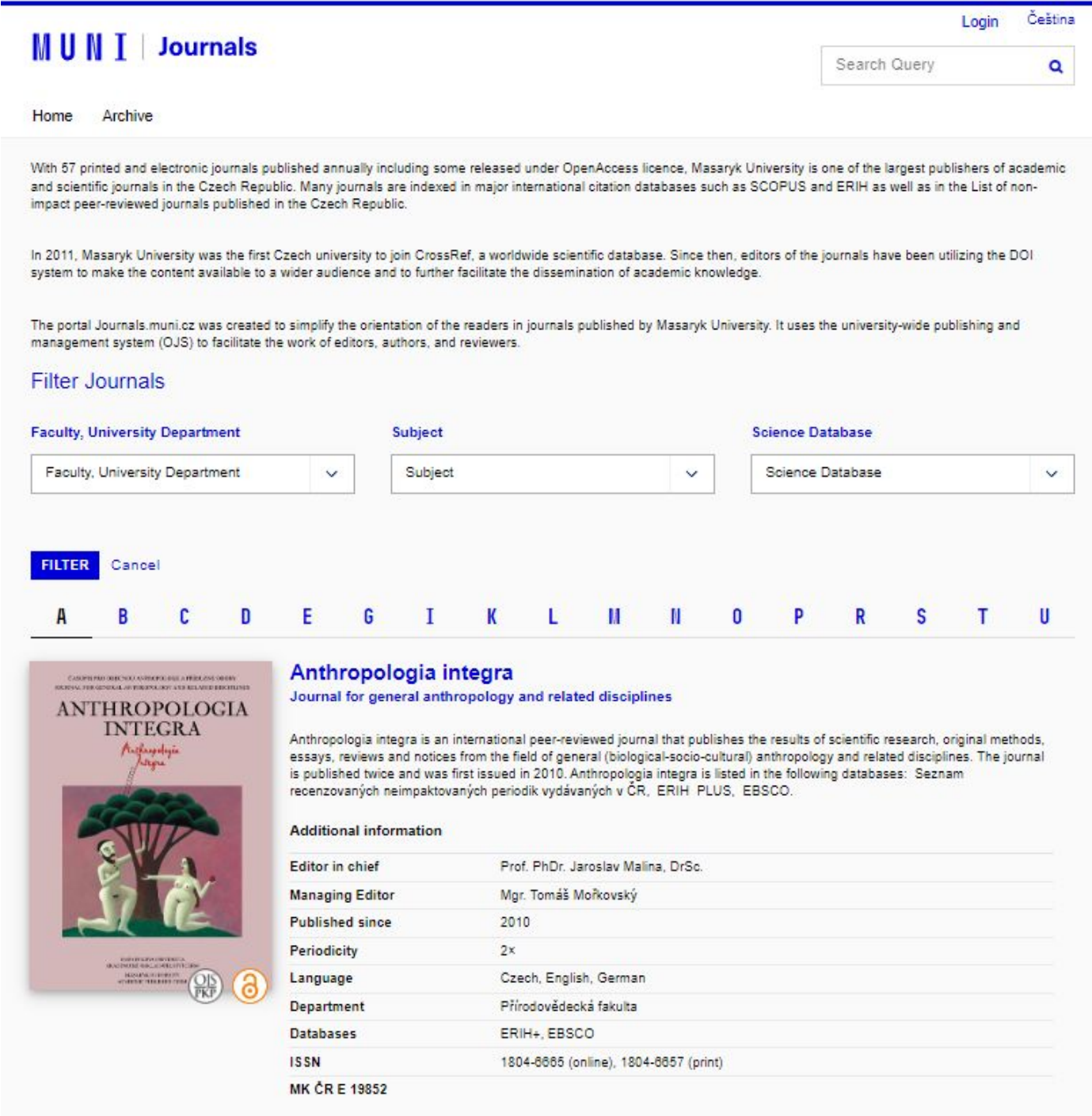
OJS – our beginnings

- Pilot version – May 2014

- Visual style – Pavel Křepela

- One man team for OJS

- First 5 journals

- Without major customization – used as it was

- Full support to editors

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OJS grows up in time

- System customizations

- Version 2.4.8 for long time

- Custom bug fixing

- New custom plugins for journals

- Full support to editors

  - Helping them to join OJS

  - Creating archives

  - Transfering data and metadata

- More journals joined every year

How OJS grows up in time

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Journals in year	5	3	3	2	3	3	1	2	5	21
In total	5	8	11	13	16	19	20	22	27	48

Journals in year — In total

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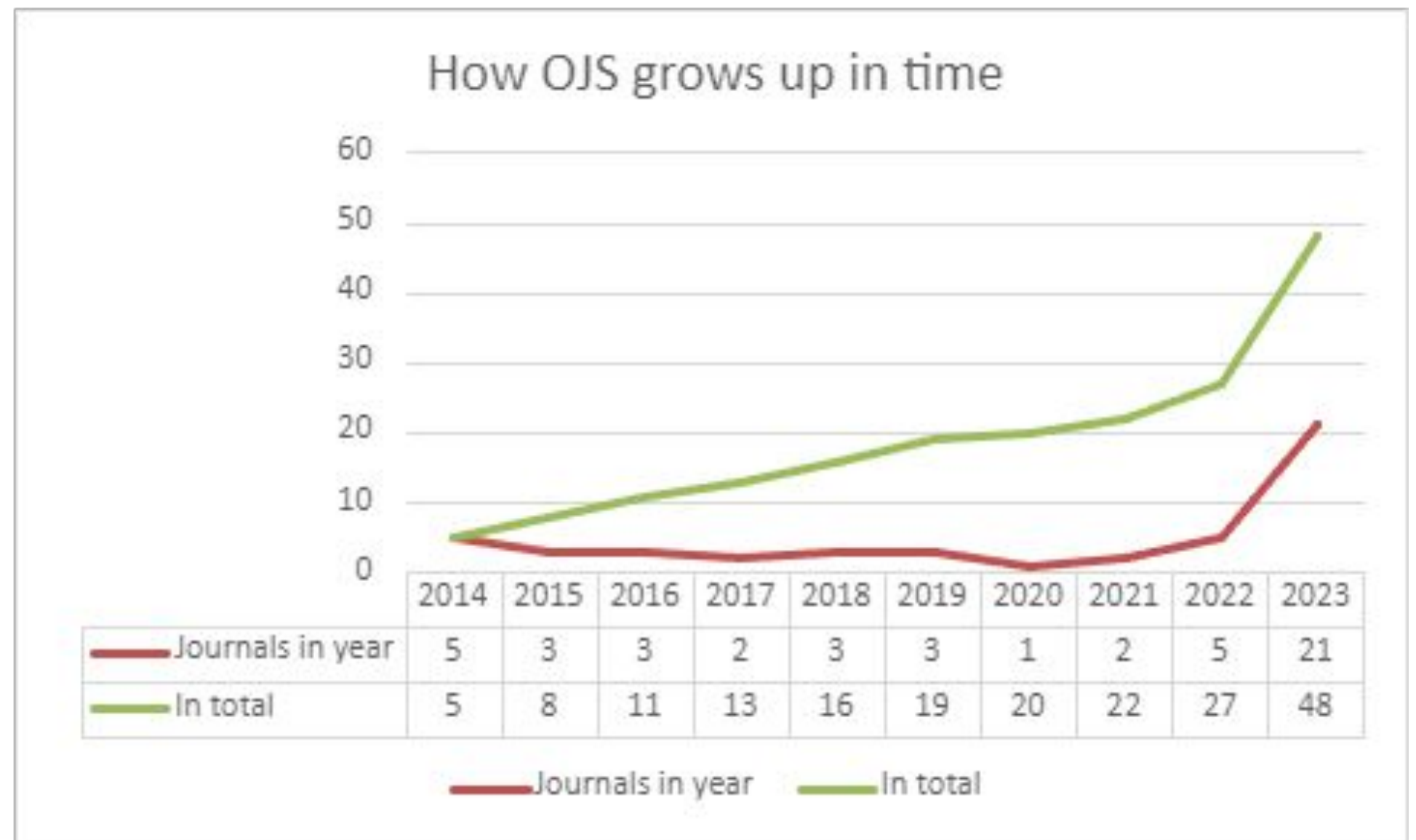
2020 – milestone OJS 3.x

- Tests with OJS 3.1.1

- Unified Visual Style of Masaryk University

- Discussions with journal editors – preparing them

- First discussions with Faculty of Arts to merge their system into ours

- Beginnings of the new theme for OJS based on MUNI Visual Style

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2021 – Long way to OJS 3

- Theme was created during this year

- Discussions about merging two systems were very long

- New discussions about university visual style

- Cooperation with rector's office on OJS layout

- OJS has some exceptions from basic Visual style

- Preparing to move OJS from real server into cPanel

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2022 – We did it

- System was off for whole week

- In January OJS

  - was moved to cPanel,

  - updated to version 3.2.1

  - got new theme

  - 23 journals from Faculty of Arts was prepared (complete archive was made for every Journal)

- Custom features, full support to editors

- One system, few different urls

  - Some journals has own URL

  - Faculty of Arts has custom URL for their journals

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Examples

- OJS base URL: https://journals.muni.cz/

- Cyberpsychology: https://cyberpsychology.eu/

- Testforum: https://testforum.cz/

- Base URL for Faculty of Arts: https://journals.phil.muni.cz/

  - ProInflow: https://journals.phil.muni.cz/proinflow

  - Opera Slavica: https://journals.phil.muni.cz/opera-slavica/

  - Neograeca Bohemica: https://journals.phil.muni.cz/neograeca-bohemica

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MUNI Journals

—A stable, time-tested system with quality support

—Training in working with OJS and assistance with migrating content into the university-wide system

—Support for editorial teams and authors

—Assistance with environment customization for individual editorial offices

—Server management and backups in cooperation with the KIC MU department

—Modern responsive design and user-friendly interface

—Everything is clearly organized, and training in the system is easier than before

    —Bibliometrics, altmetrics, and statistics for each article

—Integration with global citation databases: Crossref, Scopus, WoS

    —Anti-plagiarism software: iThenticate via Similarity Check

Platform &
workflow by
OJS / PKP

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APC on Masaryk university

- Only 1 journal; others are without APCs

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MUNI | Journals

Clarivate
Web of Science™

OpenAlex

CRAFT-OA
eosc

ELSEVIER Scopus

OpenAIRE

DOAJ

ERIHPLUS
EUROPEAN REFERENCE INDEX FOR THE
HUMANITIES AND SOCIAL SCIENCES

… and others

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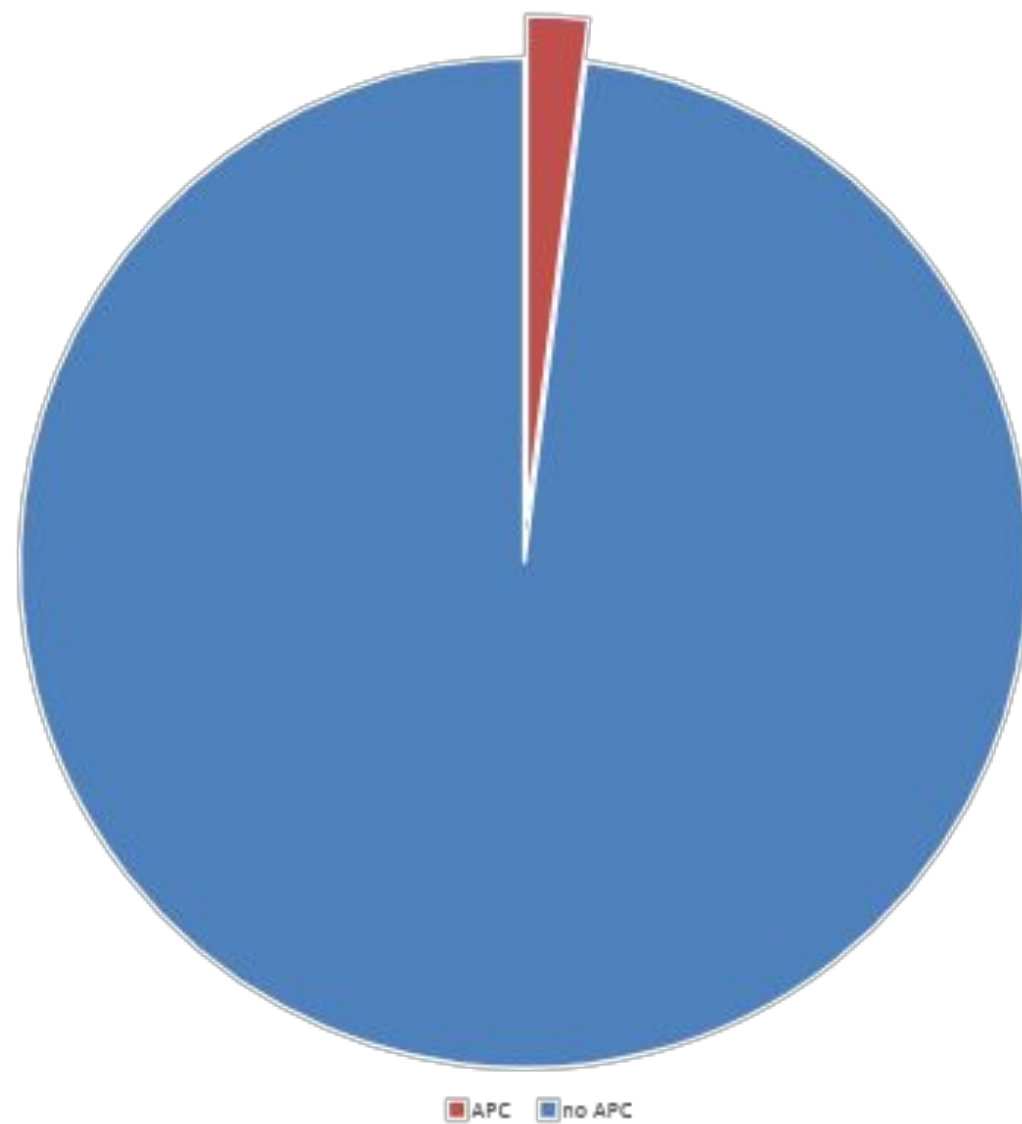
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MUNI Journals - statistics

More than 550 000 visits & 1,2 mil. page views a year

https://journals.muni.cz

MUNI | **Journals**

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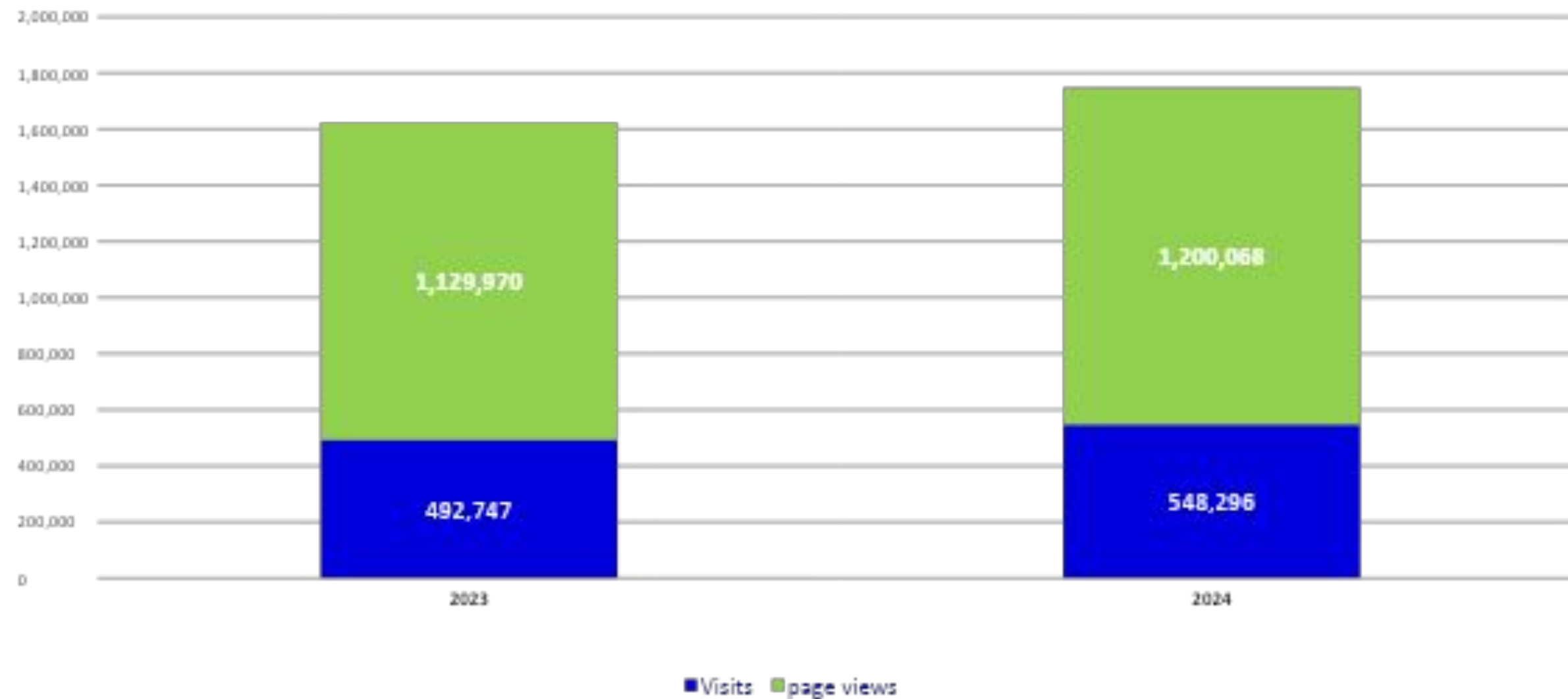
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Matomo – analytics software

- Runs on our own server

- Runs without cookies – no needs for cookie bar

- Anonymized IP adresses

- Powerful tool

- Free software when you install it on your server

- Private analytics for journals

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CRAFT-OA

CRAFT-OA | eosc

"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."

– www.craft-oa.eu

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

CRAFT-OA

Key exploitable results

- <u>Diamond Discovery Hub</u>

- <u>OJS core feature enhancements</u>

- <u>OpenAIRE Publisher Dashboard</u>

- <u>Institutional Publishing Technical Living Handbook</u>

- <u>OJS Diamond Plugins</u>

- <u>Knowledge Base of Academic Publishing Indexes</u>

CRAFT-OA

ojs diamond plugins

1. OJS connector for OpenAIRE Graph

2. OJS plugin for the EOSC Interoperability Framework on Research Product Publishing

3. OJS plugin for the integration of the OpenAIRE Broker

4. OJS Discoverability Companion

5. Plugins to enable JATS XML based interoperability between OJS and Lodel

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OJS connector for OpenAIRE Graph

- The existing **OJS plugin** for exporting publications metadata according to the OpenAIRE guidelines **was updated** to ensure that **metadata** records **can be aggregated in the OpenAIRE Graph**, and consequently in the EOSC Resource Catalogue, with the highest possible metadata quality.

- Deliverable D6.1 was **submitted to EC** in May 2024
  - **Available on Zenodo: https://doi.org/10.5281/zenodo.12633203**
  - **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**:
  - It **is possible to use** the services of **the validator** and **aggregate** the **journal data** directly.
  - Modifications to the plugin included a **change to the metadata format** added **via MetadataPrefix**, and also a **change** to the **XML schema** generated at **output**.
  - A feature was also added to **modify** how the **Creative Commons (CC) Licenses reference** appears in the XML.

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OJS plugin for the integration of the OpenAIRE Broker

- connecting OJS with OpenAIRE Graph Enrichments

- Using OpenAIRE Broker service: http://api.openaire.eu/broker/swagger-ui/index.html#/

- Documentation: https://graph.openaire.eu/docs/apis/broker-api/

- Using specific subscriptions from OpenAIRE Provide to show missing content based on the registered metadata. OpenAIRE Graph is harvesting metadata from the different places and merging them.

- Work in progress, deliverable due in June 2025

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OJS plugin for the integration of the OpenAIRE Broker

Title & Abstract

Contributors

Metadata

References

Identifiers

Galleys

Permissions & Disclosure

Issue

OpenAIRE Enrichments

Depending on the size of your journal (the number of published articles) and the registered subscriptions, loading may take several minutes.

OpenAIRE Enrichments

Topic	Trust	Message
ENRICH/MISSING/PID	1	type: urn; value: http://hdl.handle.net/11585/542998
ENRICH/MISSING/PUBLICATION_DATE	1	publication date: 2015-01-01

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OJS Discoverability Companion

- The Discoverability companion (DISCO) is designed to be an inventory of the requirements of different databases and aggregators. Building on the <u>Knowledge Base of Academic Publishing Indexes</u>, 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.
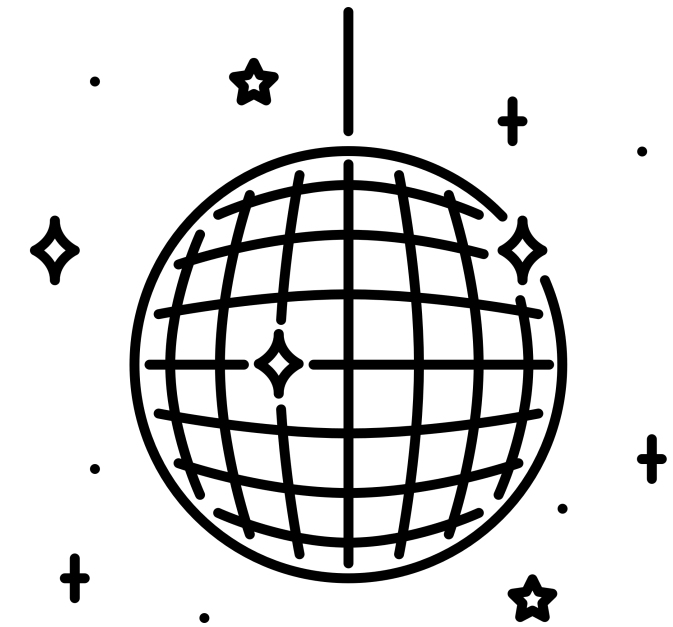
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OJS Discoverability Companion

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Plugins to enable JATS XML based interoperability between OJS and Lodel

- "CRAFT OA 4.2 will intensify existing bridges between different tools, initiatives and platforms active in institutional publishing. It will ensure the uptake of existing standards and facilitate interoperability between tools with state-of-the-art processes for data exchanges and connector implementation.

- This deliverable consists of requirements analysis for interoperability and exchangeability between publishing software frameworks and implementation of extended metadata support for OJS OAI-PMH JATS-XML interface and a JATS-XML import module in Lodel. Implemented software solutions will be published in github and documented for all users under free open licenses."

- **Plugin available at GitHub**: <u>xmlConverter</u>

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OJS JMEF plugin

- Originally not planned, but needed by the community

- Diamond Discovery Hub (DDH)

- Plugin and standard for transfering the specific metadata information about the journal

- First version available on Github: https://github.com/munipress/jmef

- Now we are sharpening the form of JMEF XML by cooperation with DDH developers.

  The JMEF form and structure: https://github.com/CeON/jmef

- Work in progress, deliverable due in June 2025

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CRAFT-OA Summer School for Journal Editors

Photo by: Egor Kunovsky (www.pexels.com)

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Thank you for your attention!

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