



THE UNIVERSITY *of* EDINBURGH

Metadata, OJS and Library Hosting

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Service Background

- We launched a journal hosting service in 2009, using Open Journal Systems (OJS)
- We launched a book hosting service in 2021, using Open Monograph Press (OMP)
- Not a publisher (no responsibility for peer review, production, etc.)
- Focus on hosting, support and providing publishing expertise
- Service is provided free of charge to staff and students of the University of Edinburgh
- Small charges for external partners which only serve to cover costs. Don't make profit
- Service board
- We have one full-time member of staff and one day a week of tech support



Hosting Service

- We offer:
 - Hosting platform, ongoing technical support, preservation
 - Training, documentation, advice, policies
 - Initial set-up, limited customisation
 - ISSN allocation, DOIs, metadata delivery
 - Indexing support e.g. Directory of Open Access Journals (DOAJ)
 - Annual reporting
- Fully Open Access, Creative Commons licences, no APCs
- Diamond open access = more inclusive publishing



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Edinburgh Diamond

- <http://journals.ed.ac.uk/>
- <https://books.ed.ac.uk/>




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New Releases



Fundamentals of Music Theory
 Michael Edwards, John Kitchen, Nikki Moran, Zack Moir, Richard Worth
 26 October 2021

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Tweets by EdinDiamond






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About the service

CURRENT JOURNALS



Alrae: Arts and Interdisciplinary Research



Concept



Contemporary Challenges: The Global Crime, Justice and Security Journal



Edinburgh Architecture Research



Finance and Society



FORUM: University of Edinburgh Postgraduate Journal of Culture & the Arts



HIMALAYA



IUPHAR/BPS Guide to Pharmacology CITE



Journal of Lithic Studies



Language and Psychoanalysis



Leviathan



Lifespans and Styles



Medicine Anthropology Theory



MUSIC. OLOGY. ECA

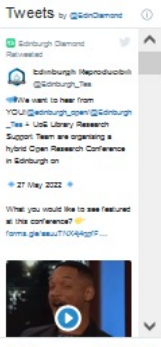


Papers in Historical Phonology



re:think - a journal of creative ethnography

Tweets by @EdinDiamond








Member



Metadata – Submission & Peer Review Stages

- Metadata starts upon author submission
- Reliant on authors to complete metadata as fully as possible
 - Pro: the potential for fuller metadata from the start to protect against different sets or changing metadata for the same article
 - Cons: authors aren't necessarily fully aware of what constitutes good metadata or why it's important
- The journal editor is able to update metadata as they see fit
 - Pro: consistency in quality metadata across all the journal's articles
 - Cons: requires extra time from editor (and awareness of metadata)



Metadata – Production Stages (1/2)

- If metadata has been kept clean and correct throughout the process, there should be minimal effort in the production stage on OJS
- OJS can export metadata in various formats, including:
 - NLM
 - OpenURL
 - Dublin Core
 - MODS
 - Various OAI formats
 - Crossref & DOAJ compliant exports
- Extra attention is required for metadata in file generation



Metadata – Production Stages (2/2)

- In 2019, we ran a XML publishing project to look at how the journals we support could develop an XML-based publishing workflow using existing open source tools
- Options include TEI (Text Encoding Initiative) XML, the NISO standard JATS (Journal Article Tag Suite) XML
- XML can be introduced at different stages of the production process, with XML-first, XML-last and XML-middle workflows
- The project found that the easier way for XML creation for small OA journals was through OJS plugins, specifically docxConverter, which uses DOCX2JATS
 - Pro: Was the most user-friendly option and, if done correctly, can be utilised to create PDFs and HTML with clean and correct quality metadata
 - Con: requires a manual cleanup of the metadata, tags and format to ensure it's machine-readable



Metadata Dissemination

- Metadata is your best marketing tool for discoverability
- OJS has plugins that can export metadata to Crossref and the DOAJ in compliant formats
- OMP has an ONIX feed
- Both OJS & OMP keep metadata grouped tidily, which makes export easy and compliant with major external partners
- Some abstractors and indexers crawl the website to take metadata themselves



Summary of Challenges

- Authors not always best informed about high-quality metadata and its impact on dissemination
- Journal editors not always best informed about high-quality metadata and its impact on dissemination
- Lack of resource for XML publishing in small diamond open access journals
- XML metadata using open-source tools can create imperfect results which require manual attention
- Exporting metadata for various external partners with different standards



Recommendations

- Provide guidance around good metadata and the impact it has e.g. general discoverability, search engines and indexing
 - URLs
 - DOIs
 - DOI links
 - Keywords
 - ORCID IDs
 - Open metadata
- Create documentation for file creation and best metadata practices
- Look into automated metadata quality checks



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THANK YOU

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