ESAC Community of Practice Call

Publishing workflow and library processing workflow

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The OA Switchboard is a mission-driven, community led initiative designed to simplify the sharing of information between stakeholders about open access publications throughout the whole publication journey.
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for research institutions, libraries and consortia

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For academic publishers who want to:
- support a smooth and compliant author journey and report on OA publication output
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for academic publishers

who want to: support a smooth and compliant author journey and report on OA publication output

for research funders

who want to: demonstrate the extent and impact of their research funding and deliver on their commitment to OA
Central metadata exchange hub
Standardised messaging protocol and shared infrastructure
Supports many use cases
Can be integrated with stakeholders’ systems
We currently support two Use Cases:

1. Reporting Made Easy & 2. Matching Publication Costs with Publication Funds

- Grant Assigned
- Manuscript Submission
- ‘Accept’ Decision
- Article Publication

- Research, analysis, and writing
- Peer review
- Production

Eligibility Enquiry
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Publication/Payment Settlement Notification
Lessons from the OA Switchboard initiative

1. Critical for solving real problems (deal-making, eligibility and reporting):
   • PIDs in article-level metadata
   • Interoperability between systems

2. There are two parallel tracks (editorial and ‘commerce’ track), with a need to exchange metadata between them

3. There is tension between providing a great author experience and an ‘ideal process’ (i.e. capturing data as early as possible in the workflow)
In 2022 we’ve further focussed on participants’ metadata, interoperability and connecting the dots of existing PIDs.

What we’ve learned:

1. Authoritative data from source
2. Time-specific metadata values
3. Keeping your own data secure
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USE CASE 1: PUBLICATION NOTIFICATION AND REPORTING
Institution to retrieve metadata and reports from multiple sources

Publishers

Portal

Publisher

Portal

Publisher

Portal

Publisher

OA Switchboard (Message hub)

Research institution/library

Publishers without a portal or data feed

A

B

...
USE CASE 1: PUBLICATION NOTIFICATION AND REPORTING

Institution to retrieve metadata and reports from multiple sources

Publishers

Portal

Publisher

Research institution/library

OA Switchboard (Message hub)

Publishers without a portal or data feed

Read more on the power of the intermediary: ...blog15aug2022
USE CASE 1: PUBLICATION NOTIFICATION AND REPORTING
Institution seeking to receive automated data feeds

Structured data (JSON), pushed instantaneously upon publication, technically validated and automatically routed, via one API

Publisher

Partner system or own data hub or system

OA Switchboard (Message hub)

Research institution/library

Publisher

Publisher

Publisher

Publishers without data feeds (API)

Publishers

A

B

...
Thank you

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