

Common Standards Working Group

Contact Point: EKT

Participants: **OAPEN**
Openedition
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Focus and scope of the Working Group

- explore the workflows, mediums and technical standards that have recently emerged as a result of the changes brought about by the transition to Open Science
- identify key operational and technical aspects to be addressed by digital publishing infrastructures and service providers
- highlight the importance of common standards, and trace the standards required to ensure content quality, availability and discoverability
- examine where OPERAS members stand and assess the work needed to reach these standards.

The importance of common standards

- **Researchers:** inclusive publishing venues to accommodate new types of research outputs; link research data to publications; allow collaborative work (commenting, annotating)
- **Publishers:** new tools and services for researchers; engagement in incentives towards the optimization of digital workflows and content
- **Funders:** identification and interlinking of all agents and outputs involved in a funded research project
- **Infrastructure providers:** long-term preservation and utilization of the content; tools to enable identification, authentication, metadata enrichment and discovery
- **Libraries:** handle digital versions of printed content; provisions for the preservation of digital resources

Standards for e-infrastructures (I)

Content quality and impact assessment

Validation criteria (for digital scholarly editions and hosted content)

Enable **users' increased involvement** during the peer review procedures (interface and functionalities)

Introduce **best practices and recommendations** for producing, reviewing and publishing scientific content

Altmetrics

Interoperability

Harvesting and aggregating: provide data to third party applications

Data exchange: common communication framework allowing data exchange and identification across systems

Semantic interoperability: knowledge representation languages and established ontologies for the documentation of digital resources

Standards for e-infrastructures (II)

Availability

Resources and metadata: support online browsing, content downloading, advanced search options and combined content retrieval features

Identification: persistent identifiers for content (DOI, handle), contributors (ORCID), funding agents (Fundref)

Licensing: proper licensing to prevent copyright infringements and define the terms of content reuse and distribution

Preservation: provision for remote copies and relevant metadata entries, automated processes for remote backup of digital content

Processability

Support **multiple output formats** and provide enriched online publication workflows

Introduce features to **enable online/native authoring, submission and peer review**

Support the **conversion of semantic-based inputs into other file types** available to end users

Where OPERAS stands: current status and next steps

- Mapping of partners' publishing workflows, technical and content quality standards ✓
- HIRMEOS – technical improvements and alignment of publishing and indexing platforms ✓
- Recommendations for a common set of standards to be applied and provided by OPERAS
- Community-wide adoption of standards

THANK YOU!

Comments/suggestions?

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