Including Open Access Information in institutional repositories

Gernot Deinzer (0000-002-7462-3847), Alexander Wagner (0000-0001-9846-5516), Christoph Broschinski, and Dirk Pieper (0000-0002-6083-9348)

1Universität Regensburg, 2DESY Hamburg, 3Universität Bielefeld

Repositories offer not only publications but also the publication's metadata, which can easily be used for further processing. At the University Library of Regensburg and within the project JOIN2 the management of article processing charges (APCs) is integrated into its institutional repository. In addition, we have developed a XML-based format including cost information in the OAI-PMH interface. The OpenAPC initiative by the University Library of Bielefeld harvests the information and releases datasets of the fees paid for Open Access.

Publication Server (Regensburg)
How is the fulltext of the article published OA in the repository

Publication Gold OA Journal
Publication as Hybrid OA
Parallel Publication (Green)

Administrative Information
Information about the payment process, e.g., transaction number, prepayment, financing project or divided costs to have the possibility of detailed monitoring

Invoice Information
Identifier of the invoice to find easily an article to a specific payment

JOIN2 (e.g. DESY)

Data Input with color code status

Date # 8767_d
Type # 8767_e
Price # 8767_c
Currency # 8767_l if not 'EUR'
Status # 8767_j
Cost centre # 8767_x
Credit Card # 8767_i
Manuscript ID # 8767_p
Date of Invoice # 8767_8
Invoice reference # 8767_9

Format: MARC21

Overview of all publication charge

OAI-Harvesting

Publication fee data stored in metadata

XML-schema for article fees like APCs

<openap:collection>
<openap:institution>University of Regensburg</openap:institution>
<openap:period>2010</openap:period>
<openap:eurow>1088</openap:eurow>
<openap:id_number type="pubmed">21050470</openap:id_number>
<openap:id_number type="doi">10.1186/1471-2164-11-617</openap:id_number>
<openap:amount>1088</openap:amount>
<openap:currency>EUR</openap:currency>
<openap:tax_amount>0</openap:tax_amount>
<openap:invoice>
<openap:id_number type="local">17985</openap:id_number>
<openap:year>2010</openap:year>
<openap:journal_full_title>BMC genomics</openap:journal_full_title>
<openap:issn>1471-2164</openap:issn>
<openap:volume>11</openap:volume>
<openap:issue>471</openap:issue>
<openap:licence>cc_by</openap:licence>
<openap:is_hybrid>FALSE</openap:is_hybrid>
<openap:corresponding_author_isLocal>TRUE</openap:corresponding_author_isLocal>
</openap:invoice>
</openap:collection>

The Open APC initiative releases datasets on fees paid for Open Access journal articles by universities and research institutions under an Open Database License.