

JOIN² and openCost

Alexander Wagner

Hamburg, 05.10.2022

Overview



- > JOIN²
- > The path towards openCost
- > Current status & next steps
- > RFC: exchange format
- > TODOs for openCost

JOIN²



JOIN² collaboration



Deutsches Elektronen-Synchrotron, DESY

≈ 2300 + 3000

Deutsches Krebsforschungszentrum

≈ 3000



Forschungszentrum Jülich

≈ 5900 + 1000



German Centre for Neurodegenerative Diseases

≈ 900



GSI Helmholtzzentrum für Schwerionenforschung

≈ 1400

Joint Institute for Nuclear Research, Dubna

≈ 5000 + 1000 suspended



Maier-Leibnitz-Zentrum

≈ 300 + 1000



RWTH Aachen

≈ 9500

Museum Zitadelle Jülich

≈ 3 + *n*

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> **23.000** staff members

> 6000 visiting scientists

(≥ 609.000 records, ≥ 98.000 OpenAccess, ≥ 147.000 shared authorities)



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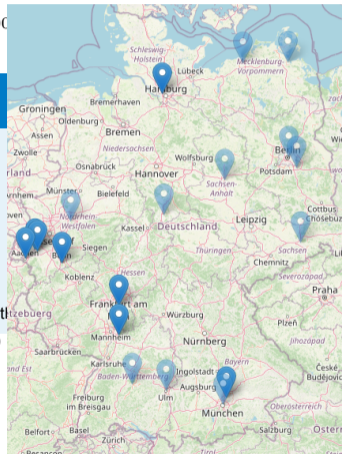
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The path towards openCost



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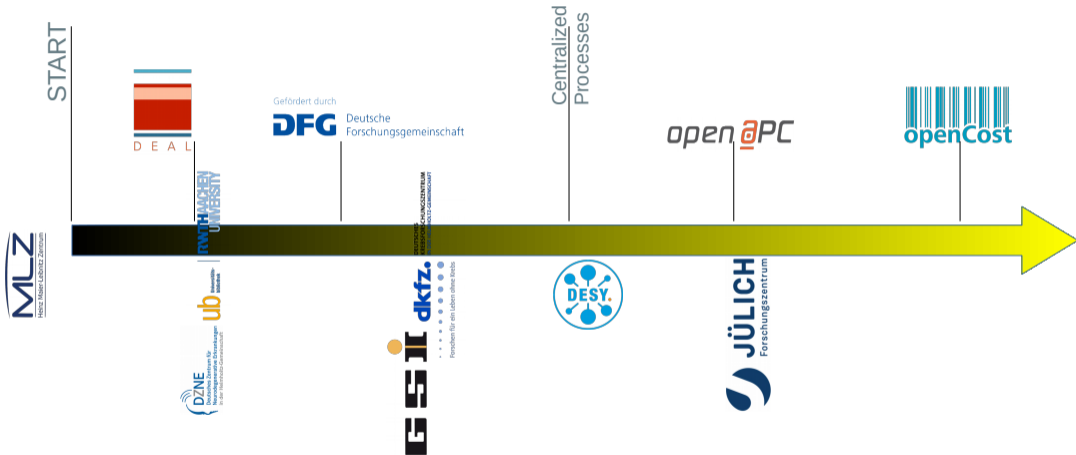
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Missing

Standardization beyond **JOIN²**

Current status



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RFC: XML exchange format

```
<oc:collection>
  <oc:doi>10.1002/anie.201914888</oc:doi>
  <oc:institution>desy</oc:institution>
  <oc:rorid>01js2sh04</oc:rorid>
  <oc:invoice>
    <oc:ammount>2750.00</oc:ammount>
    <oc:fee_type>Hybrid-0A</oc:fee_type>
    <oc:currency>EUR</oc:currency>
    <oc:vat>385.00</oc:vat>
  </oc:invoice>
  <oc:invoice>
    <oc:ammount>1178.10</oc:ammount>
    <oc:fee_type>Colour charges</oc:fee_type>
    <oc:currency>EUR</oc:currency>
    <oc:vat>164.94</oc:vat>
  </oc:invoice>
  <!-- ... more cost items -->
  <oc:id_number type="local">PUBDB-2020-02650</oc:id_number>
  <oc:id_number type="pmid">32096889</oc:id_number>
  <!-- ... all known ids ... -->
  <oc:issn>1521-3773</oc:issn>
  <oc:licence>CCBY4</oc:licence>
  <oc:publisher>Wiley-VCH</oc:publisher>
  <oc:period>2020</oc:period>
  <oc:is_hybrid>TRUE</oc:is_hybrid>
  <oc:journal_full_title>Angewandte Chemie
  / International edition</oc:journal_full_title>
</oc:collection>
```

- + Controlled vocabularies
(check completeness, wording, provide definitions)
- + Multiple fee types
- + Multiple fee entries
- + Different currencies
- + Several identifiers (beyond DOI)
- VAT: per fee type, global?
- original prices?

Focus on

automatic data exchange

(XML formats, OAI harvesting...)

TODO openCost

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- field values
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- future extensions
- multiple const items
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- > How to handle **specialities**? (cf. Hands On Lab: *Institutional Agreements, Memberships, Shared Payments...*)

Thank you!

Contact

Deutsches Elektronen-
Synchrotron DESY

www.desy.de

Alexander Wagner
0000-0001-9846-5516
Central Library
alexander.wagner@desy.de
+49-40-8998-1758
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