

JOIN² and openCost

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Hamburg, 05.10.2022

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Overview



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

JOIN²



JOIN² collaboration



Deutsches Elektronen-Synchrotron, DESY



RWTH Aachen

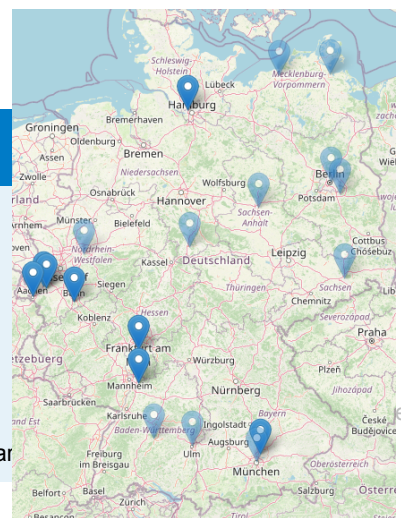
Museum Zitadelle Jülich

JOIN²: proud to serve

8+1 institutions,
> 23.000 staff members
> 6000 visiting scientists

(≥ 609.000 records, ≥ 98.000 OpenAccess, ≥ 147.000 shar

Maier-Leibniz-Zentrum



≈ 9500

≈ 3 + n



The path towards openCost



Common Grounds

- > **JOIN²** infrastructure (code, rollout, configs, but also expertise)
- > **JOIN²** publication cost module (since \approx 2016)
 - handle **all known** costs (Closed-, OpenAccess, Permissions, ...)
 - **common definitions** (can be configured; **but**: converged over time)
 - input at the article level (managed by APCSTAFF)
 - output at the article level (user display, XML)
 - simple reporting routines
 - **OAI server** and set structure
- > common workflows

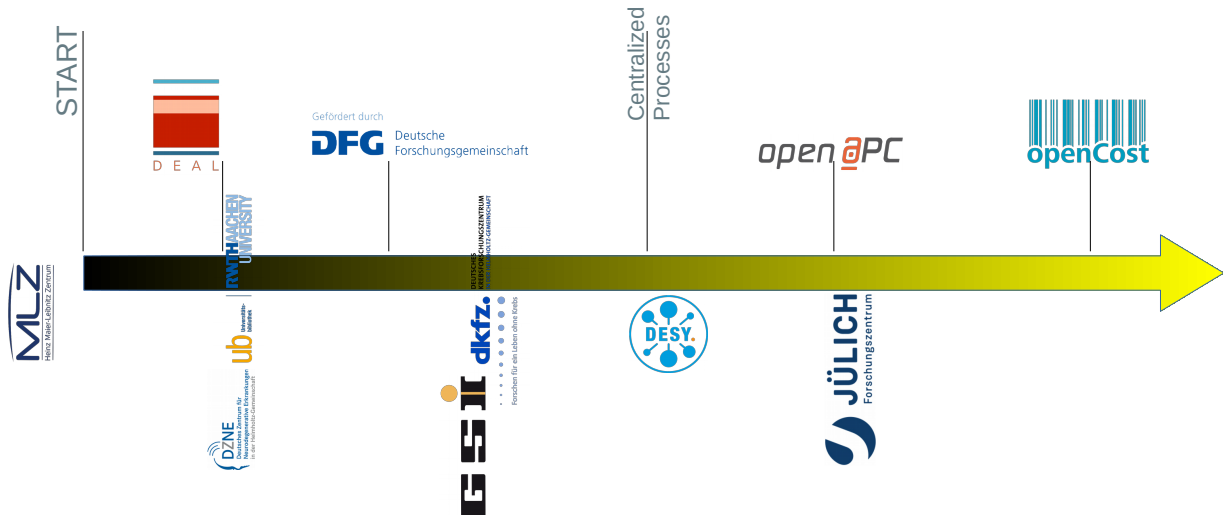


Missing

Standardization beyond **JOIN²**



Current status



Next steps

- > deliver to **OpenAPC** for all partners (key: harvesting)
- > DFG Funding “**OpenAccess Publikationsgebühren**”:
 - improve centralization and workflows (s.a. Transform2Open)
 - enhance monitoring (fulfill DFG requirements)
 - automatize reporting (including non-OA-fees)



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

> Vocabulary definitions (cf. Hands On Lab: Terminology)

- fee types (definitions etc.)
- field values
- currencies (also: "final" currency)
- future extensions
- multiple const items
- minimal field set

> How to handle VAT?

> How to handle currency transformations?

> Record updates and finalization

> XML schema and namespace (cf. Hands On Lab: Metadata Schema)

> How to handle specialities? (cf. Hands On Lab: Institutional Agreements, Memberships, Shared Payments...)




Thank you!

Contact

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