The usages of JOIN2 authority records

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https://bib-pubdb1.desy.de/record/318763
The Join² project: partners
Statistic keys in MARC21

- Typical authority record as example of our periodicals
- Based on German periodical database (ZDB) of national library
- Based on identifiers: further content is searchable, like recent publications
- Enriched with statistically information's, like "listed by SCOPUS", etc.
- Base for search, e.g. statistic keys per year, per POF, per grants, etc.
Websites: Using of authority records and gsblst

Output format gsblst:
- Join² output format: only one format for all instances
- Using of authority records
- High Google ranking via hyperlinks
- CSS compatible standard for all users
- Open Access labeling
- Using of cover images
HGFStatistics2: The Statistics tool of Join²

Overview of the institution
- Per statistics key
- Per publication type
- Coverage via „web“ year (wissenschaftlicher Ergebnisbericht) for reporting
- All numbers are hyperlinks: queries against the database

View and selection of current output formats, like EndNote, BibTeX, RIS
Overview of POF programs, groups, grants, experiments or conferences:

- Per statistic keys or publication types
- Different coverages and full searchable and customizable

### Per program and statistics key

<table>
<thead>
<tr>
<th>Program Description</th>
<th>ISI + Scopus (POF3)</th>
<th>WOS listed Journal OR entry (POF2)</th>
<th>All of WoS and Scopus listed</th>
<th>Scopus listed</th>
<th>Thomson Reuters Master Journal List</th>
<th>JCR listed</th>
<th>WOS and not JCR</th>
<th>Web of Science</th>
<th>Other refereed</th>
<th>Refereed NOT in WoS</th>
<th>Refereed but NOT in WOS or Scopus</th>
<th>All refereed</th>
<th>PubMed listed</th>
<th>DOAJ listed</th>
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<tbody>
<tr>
<td>610 - Materie und Universität (POF III: 2015 - 2019)</td>
<td>534</td>
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<td>520</td>
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<td>620 - Von Materie zu Materialien und Leben (POF III:...)</td>
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<td>335</td>
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</tbody>
</table>

Showing 1 to 4 of 4 entries
Short Summary

- Retrospective statistics possible, e.g. transition POF2 -> POF3 period
- High quality in meta data via DOI import
- Complex searches: easy to use
- Evaluation also for groups, grants, experiments or conferences possible
- Statistics for Open Access planned
- The POF4 period is coming!

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Part 2: JOIN2 authority records for external reporting also?

OpenAIRE publications – done

Kerndatensatzforschung?
Starting at January 1\textsuperscript{st} 2016 the Kerndatensatz Forschung was introduced for the standardisation in the field of research information in Germany on a voluntary base:

http://www.kerndatensatz-forschung.de/

with objects: Person, grant, Phd program, patent, publication, research infrastructure
’Kerndatensatz Forschung’
for research information & reporting

http://www.kerndatensatz-forschung.de/version1/technisches_datenmodell/xsd/kdsf-basis.xsd

Can we deliver to a current research information system in our organizations?

As small units we cannot extend our systems to a full CRIS or organize change processes to adapt organizational structures to reporting structures belong the Kerndatensatz Forschung.

Can we deliver to object fields like publication or patent with our existing JOIN2 instances within our own organizations?
Can we deliver to a current research information system in our organizations?

We have

- about 134000 authority records for personnel, grants, research infrastructure, departments, e-journals (part 1)

=> so we can build the necessary KDSF aggregations

- via import and enhancement we have most of the recommended identifier DOI, ORCID, INSPIRE-ID, PUBMED-ID, ...

- we could re-used programs of the Helmholtz/POF statistic tool
Can we deliver to a current research information system in our organizations?
Can we deliver to a currents research information system in our organizations?

Some special fields are problematic for our implementation:

- peer-reviewed (missing computer operational definition)
- separation paper-online publication (contradiction to our statistics tool)
- some specialized values and specifications are not really relevant for our research fields (e.g. bibliography), because of different culture in publication background

So we have to make some compromises.

Main reason is that for our scientists the entry template must be usable and understandable without huge handbooks or trainings.
One of the next steps in JOIN2 is to implement a CERIF export format as one of our output formats for the coming current research information systems in our organizations, which are not decided yet.

If the CERIF information will be made open in our instances is not decided also.

THANK YOU.
QUESTIONS?
**Import field** (DOI, arXiv,...)
Is fill out the most fields

Groups, institutes,...

Programm-orientierte Förderung (POF): Helmholtz Association

Another grants, e.g. EU projects, German SFB, BMBF, etc.

Experiments, beamlines, facilities, etc.

Authors suggestion

Journal and conference information's
Typical authority records for grants

- Mapping of structures (organizations), e.g. top level grants
- Connection to bibliographic records
- Additional information's, like chairman, institutes, etc.
- We use identifier!
Which year or year range?
At least one internal author?
At least one external author?
Which POF period (POF I-III)
Which workflow collection?
Which POF category? (field of research, program, topic, subtopic)
Using of cached data?
Which parts of calculations?