

Measuring the Usage of Cultural Heritage Documents: The German Project Open Access-Statistics



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Initiative/Coordination:

Workgroup Electronic Publishing (E-Pub) of DINI (Deutsche Initiative für Netzwerkinformation – German Initiative for Network Information)



DEUTSCHE INITIATIVE
FÜR NETZWERKINFORMATION E.V.

Project Partners

- Georg-August-Universität Göttingen (SUB, State and University Library) - Project Leader
- Humboldt-Universität zu Berlin (CMS, Computer- and Mediaservice)
- Universität des Saarlandes (SULB, The Saarland University and State Library)
- Universität Stuttgart (UBS, University Library)



International Context

Actions undertaken are linked with international cooperations:

- Digital Repository Infrastructure Vision for European Research (DRIVER)
- Joint Information Systems Committee (JISC)



German Context

OA-Statistics (OA-S) can be seen as part of DINI's initiative to build a network of certified repositories across Germany.

OA-S is one of three projects in the OA-DINI context:

Open Access *Network* of Repositories (OA-N)

- OA-N intends to build a network of repositories
- Parallel with strong connection to OA-S

(Open Access *Citation*) = DOARC, Distributed Open Access Reference Citation Services

- DOARC will address the issue of tracking citations between electronic publications.
- started delayed this summer



Aims and Objectives

- The development of a **permanent infrastructure** – connected to the German network of Open Access Repositories (OA-Network) – for the **collection and processing of usage data**.
- OA-S aims to **develop and establish a reliable standard for an exchange of usage data** in order to track the way of the data and gather statistical information about open access repositories and link resolvers (on the basis of existing standards and rule sets such as COUNTER).
- **Recommendations** will be added to the **DINI-Certificate** (the „DINI-Certificate“ offers a quality control for Document and Publication Services) to promote the standardised collection and provision of usage data and statistics.
- Moreover, guidelines and software packages will be made available to **support repository managers** to provide standardised data and to **add descriptive statistics to their end-user services**

Requirements of established standards

OA-S uses established standard formats and rule sets:

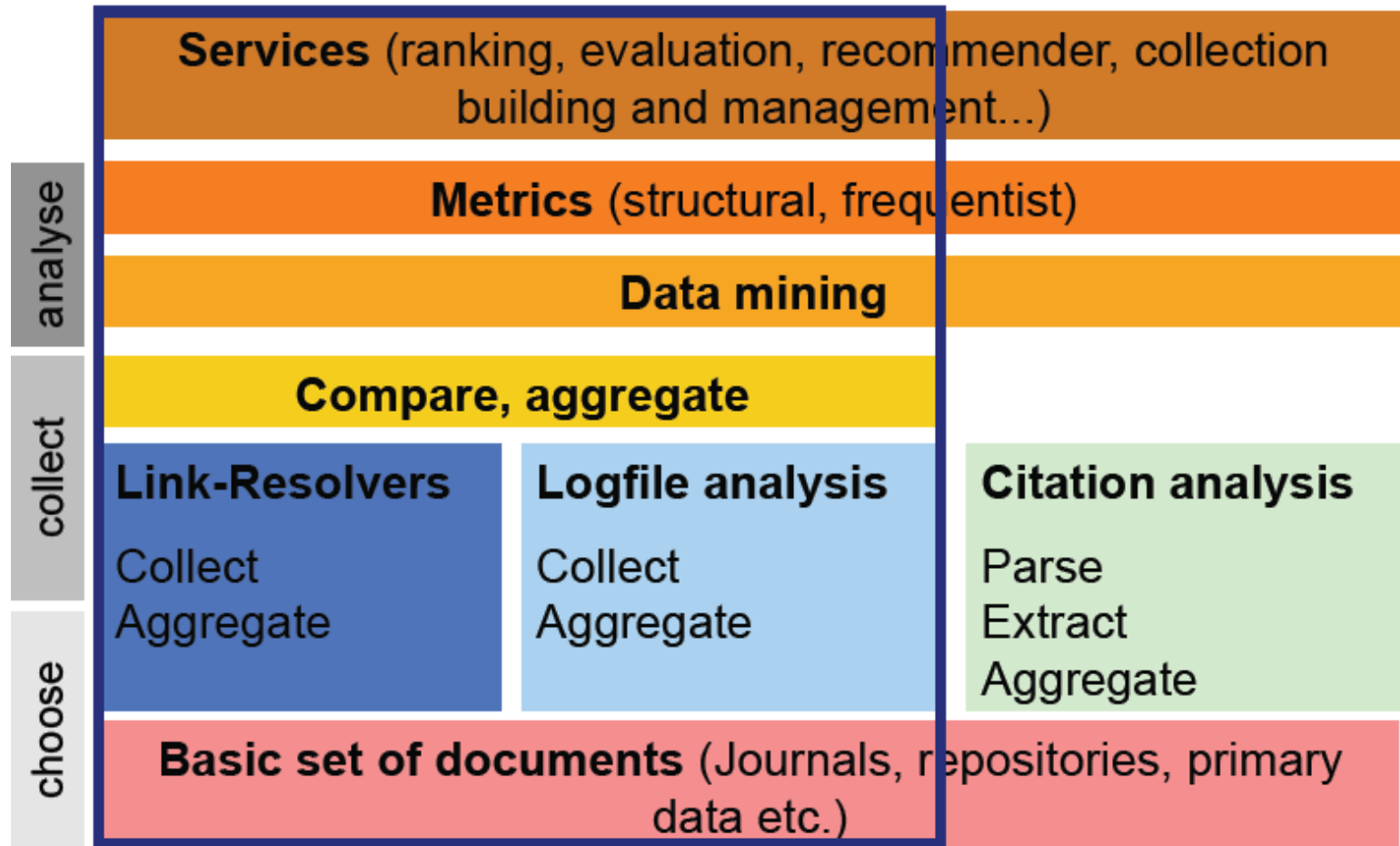
- COUNTER
- IFABC
- LogEc
- Clickstream analysis

Comparison of requirements:



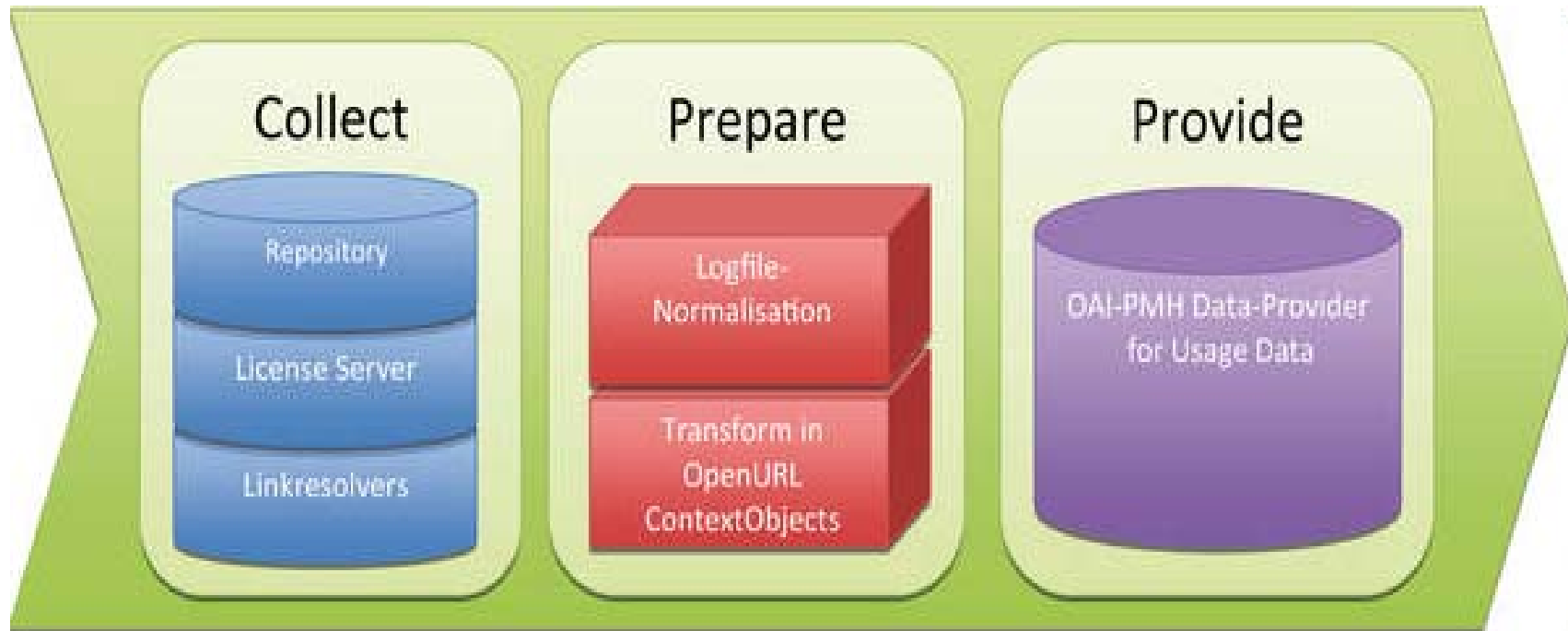
Taken from the poster: Open-Access-Statistics: A Value-Added Service
<<http://indico.cern.ch/getFile.py/access?resId=12&materialId=poster&confId=48321>>

Elements of measuring publication impact (schematic)



Data Provider

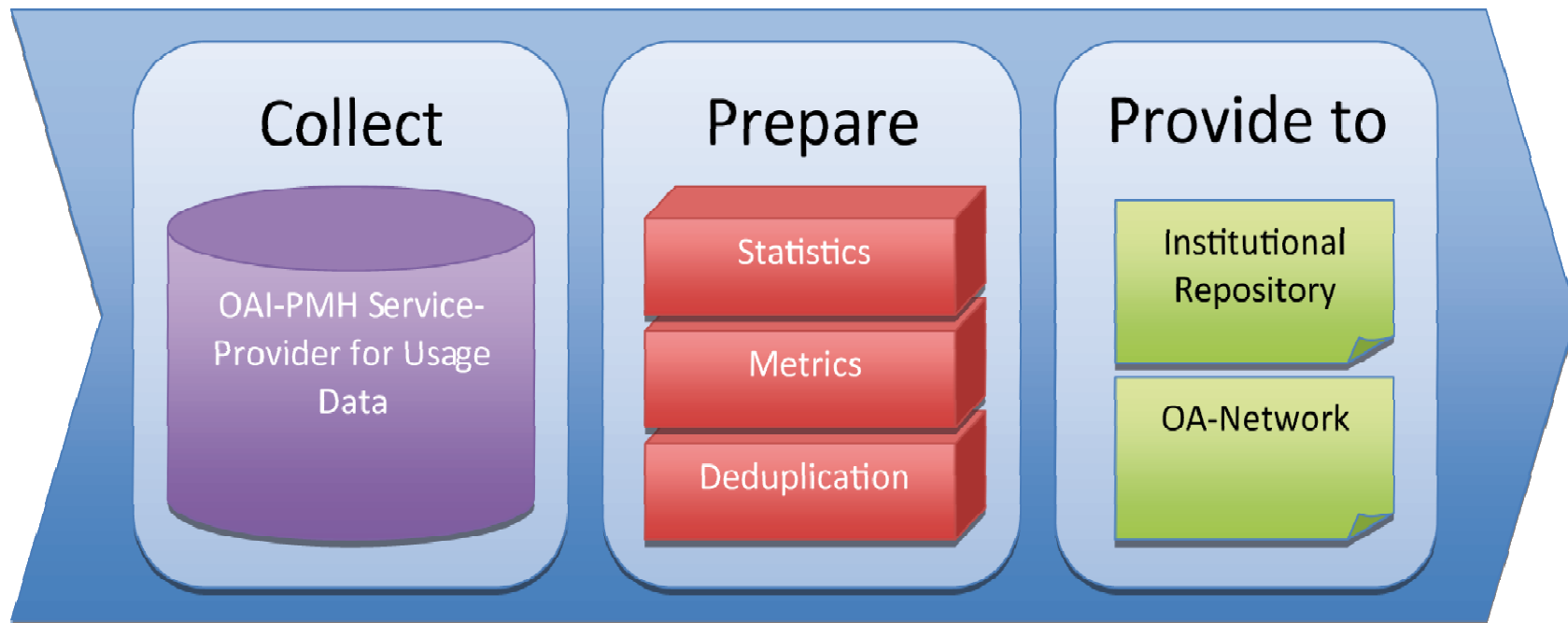
- Aggregate and normalise usage data locally



Taken from the poster: Open-Access-Statistics: A Value-Added Service <<http://indico.cern.ch/getFile.py/access?resId=12&materialId=poster&confId=48321>>

Service Provider

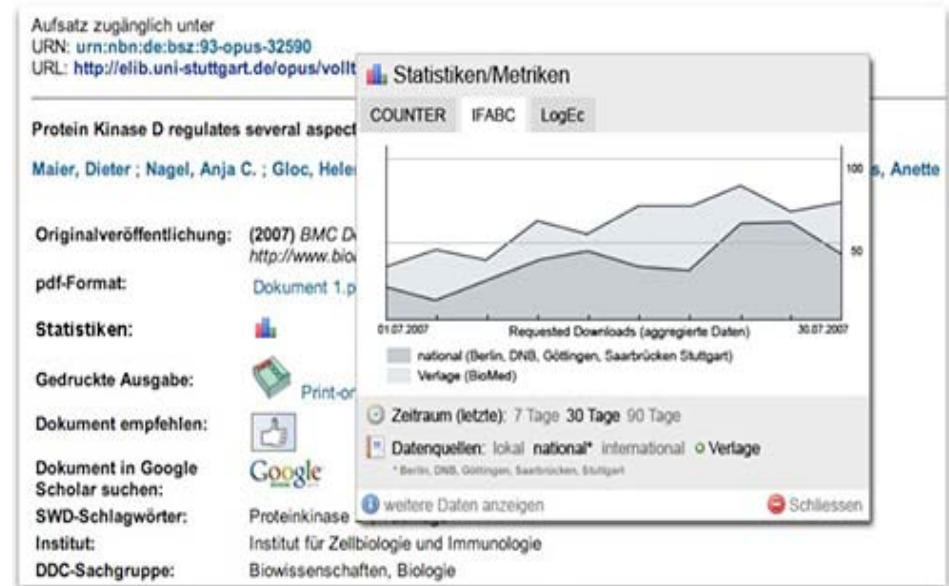
- Collect data at service provider level
- Process data to provide value-added services



Taken from the poster: Open-Access-Statistics: A Value-Added Service <<http://indico.cern.ch/getFile.py/access?resId=12&materialId=poster&confId=48321>>

Value-Added Services

- Services for end-users (for example on the level of the institutional repository)
- New possibilities for selection and display of electronic documents
- Additional data to every document is available as an attractive service for scientists, universities and also funding institutions



Results

- Draft paper „Metrics Proposal for Institutional Repositories“ as DINI recommendation (forthcoming)
- Data provider (SUB Göttingen): <http://oa-statistik.sub.uni-goettingen.de/demo-data-provider> (demo version)

Outlook (I)

Still working on our objectives, we are planning a **subsequent application** for Open Access-Statistics II:

- Develop and establish an infrastructure (website, help offers ...)
- Integration of other institutional repositories
- Cooperation with other players and projects
- Evaluation of new designed metrics
- ...

Outlook (II)

- Integration of digitised material which is not digital born
- Based primarily on the experience of OA-S partner SUB Göttingen (State and University Library) as a core developer of the software package „Goobi“ (for digitisation processes in libraries)
- Goobi has extensive operating experience with COUNTER („Goobi.Counter“)



Outlook (III)

- **Collaboration** between Goobi and OA-S II could be very promising
- At the Center for Retrospective Digitisation at SUB Göttingen (State and University Library) more than **5 million pages** (many of them could be characterised as cultural heritage documents) have been digitised up to now.

Consequently our current „open access focus“ could be extended to explicit cultural heritage documents. Collecting and presenting data for cultural heritage documents could be for example helpful for:

- political questions
- funding of digitisation projects
- cooperations
- ...

Thank you!



<http://www.dini.de/projekte/oa-statistik/english/>

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