Open Access Statistics:
How to Generate Interoperable Usage Information from Distributed Open Access Services

PIRUS2 – End of Project Seminar
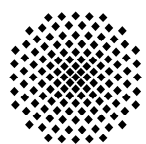
Counting Individual Article Usage

London, 23.02.2011

Initiated by:

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NIEDERSÄCHSISCHE STAATS- UND
UNIVERSITÄTSBIBLIOTHEK GÖTTINGEN

Open Access Statistics (OAS)

SAARLÄNDISCHE
UNIVERSITÄTS-UND
LANDESBIBLIOTHEK

HUMBOLDT-UNIVERSITÄT ZU BERLIN

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oas
Open-Access-Statistik

OAS – Fact Sheet

- First term 2008 - 2010

- Project partners:
  - Göttingen State- and University Library
  - Computer and Media Service, Humboldt-Universität zu Berlin
  - Saarland University and State Library
  - University Library of Stuttgart

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

Challenges

- Log files as a result of the usage of repositories

- Gathering and aggregation of usage events through a central service provider

- Value-added services provided by the central service provider

- Usage data then to be retransferred to the repositories

Aims

- A common standard to enable the exchange of usage data between different services (e.g. repositories)

- An infrastructure to collect, process and exchange this usage data

- Usage data has to be provided by the repositories according to standards (COUNTER, LogEc and IFABC)

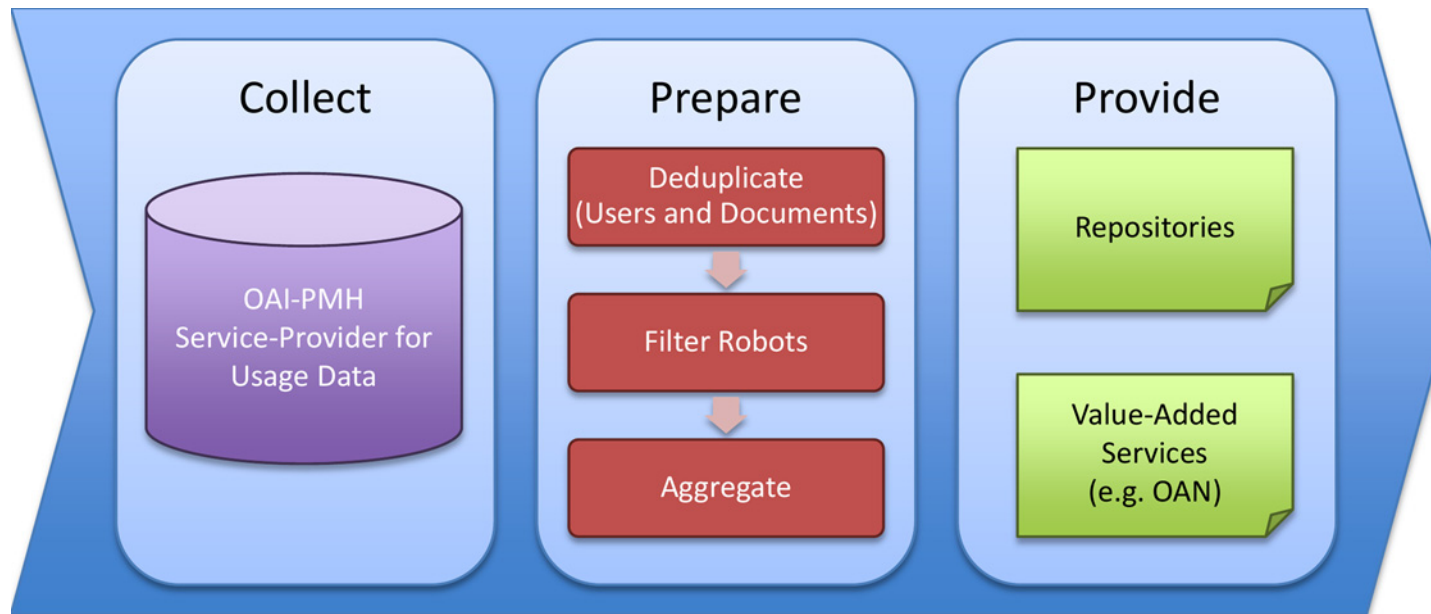- Value-added services for repositories

- Implementation guidelines

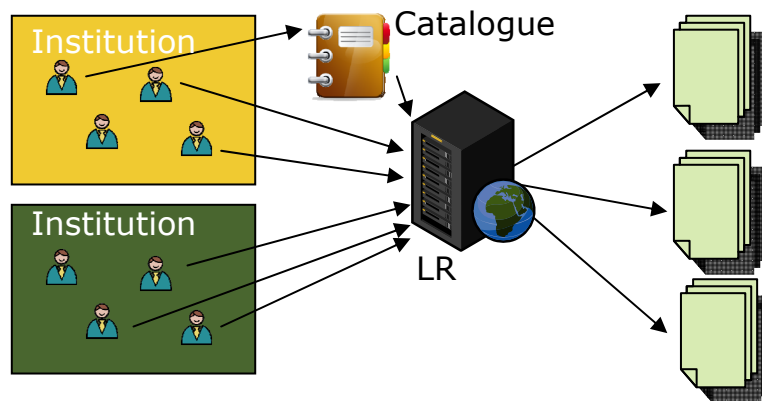# Technical Infrastructure

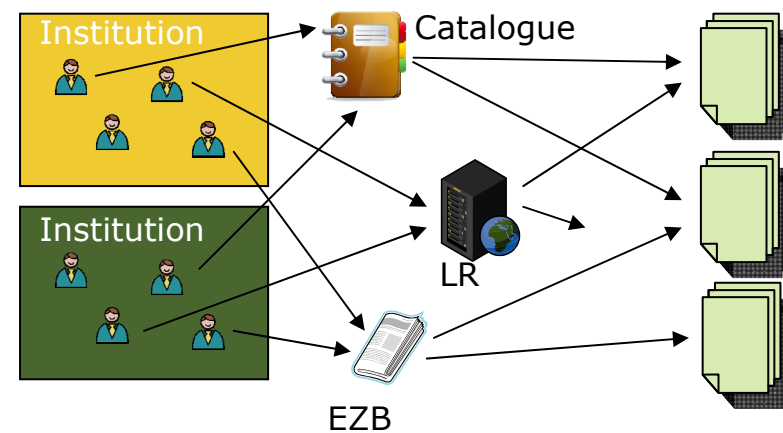# Data provider
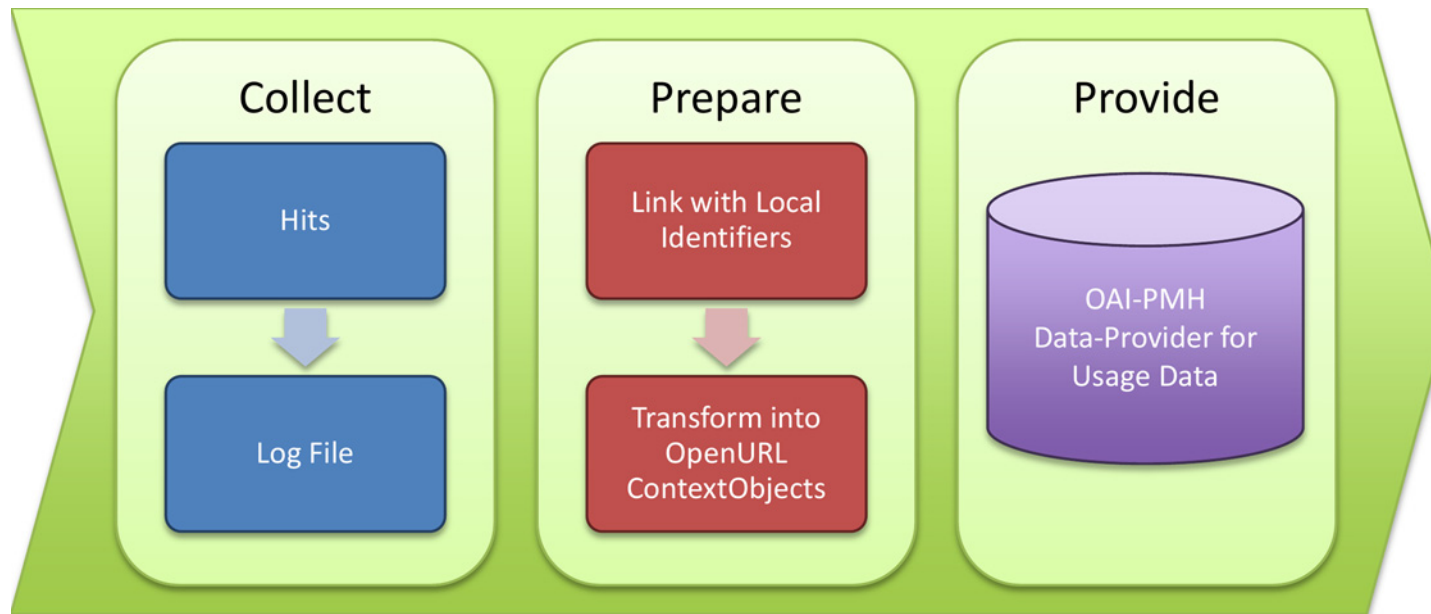
Service provider

Results and Outlook

Lessons Learned I

- Need for a central clearing house

- An amount of unnecessary data (OpenURL CO)
  → increase of the data size by factor ~10

- Different situation with Linkresolvers

Lessons Learned II

- Not every standard (COUNTER, LogEc and IFABC) fulfils the requirements
  → focus on COUNTER and IFABC

- Potential legal problems with German laws on privacy issues

Results

- Infrastructure for exchange of usage statistics

- Modules for OPUS- and DSpace-based repositories, other products can be configured easily, http://www.dini.de/projekte/oa-statistik/english/software/

- Specification of the data format and exchange http://www.dini.de/fileadmin/oa-statistik/projektergebnisse/Specification_V5.pdf

- Online demo http://oa-statistik.sub.uni-goettingen.de/statsdemo

- Website with further information http://www.dini.de/projekte/oa-statistik/english/

Repository integration

Open Access Statistics 2 (OAS 2)

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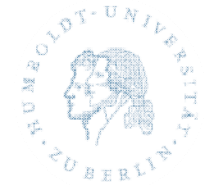
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OAS Open-Access-Statistik

OAS 2 – Aims

Start in April 2011 – for 2 years:

□ Clarification of legal questions (laws on privacy protection)

□ Opening the OAS infrastructure to offer standardised usage statistics

□ Evaluation of metrics
   a) based on the pure frequency of usage
   b) more sophisticated approaches

□ Cooperation to facilitate international comparable usage statistics

□ Offer a functional service infrastructure
   □ Sustainability report after the first year

International cooperation

- PIRUS Publisher and Institutional Repository Statistics, UK
- SURFSure Statistics on Usage of Repositories, NL
- Knowledge Exchange Usage Statistics Group
  - Denmark's Electronic Research Library (DEFF)
  - German Research Foundation (DFG)
  - Joint Information Systems Committee (JISC)
  - SURFfoundation, Netherlands

- Common sense
  - Exchange format: OpenUrl ContextObjects
  - Transfer via OAI-PMH
  - Infrastructure based on a data provider – service provider system
  - Normalisation: Robots-Detection

- COUNTER, NEEO, PEER, OAPEN …

Thanks for your attention!

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