<table>
<thead>
<tr>
<th>Title</th>
<th>DAREnet, DRIVER &amp; nextgen repositories</th>
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<tr>
<td>Author(s)</td>
<td>BERG, Marc van den (Amsterdam University, Netherlands)</td>
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<td>Issue Date</td>
<td>2008-01-31</td>
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<td>URL</td>
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Osaka University Knowledge Archive : OUKA

https://ir.library.osaka-u.ac.jp/repo/ouka/all/

Osaka University
DAREnet, DRIVER & nextgen repositories

University of Amsterdam
University Library
Electronic Services
Marc van den Berg

Permitted Performativities
The Construction of Youth in Music Videos

ACADEMISCHプロフ

tez verklaring van de groep van docent
aan de Universiteit van Amsterdam
op grond van de Rector Magnificus
prof. dr. P.F. van der Hulst

ten overstaan van een door het college voor promoties ingestelde commissie.

in het openbaar te verdedigen in de Acta der Universiteit

op donderdag 25 juni 2016, te 10.00 uur door

Helena Ripmeester

Geboren in Amsterdam
The idea

Digital Repository Infrastructure Vision for European Research

DRIVER builds TESTBED:
- Awareness, advocacy
- Organisation
- Technology, standards
- Content

TESTBED delivers:
Integrated Infrastructure of Digital Repositories and Middleware
Two layer concept

Services

Research
Subject repositories, refereed portals, databases, collaboratories, (Open Access) journals, ...

Education
Virtual Learning Environments (Blackboard, HIVE, etc) Course Ware, Readers, ...

Harvesters

Society
Institutional windows, professional journals, personal Web sites, national windows, Google

Institutional Repository

Course Ware, Readers, ...

Content

Grid

Software architecture

Presentation Management
User Interface Service
OA-PMH Publisher Service

User Management
Recommendation Service

Users Service
Profiling Service

Information Space Management
Search Service
Collection Service

Index Service
Browser Service

Metadata Store Service

Collective Management
Harvesting Service
Aggregator Service

Provision
OA-PMH Repository

DL Management
Authentication & Authorization Service
Information Service
Manage Service
PDF, the ‘stone age’ of repositories

Things we would like to see

- Covers
- Table of contents
- Abstracts
- Chapters
- Structure, links, references
DRIVER II

- European Confederation of Digital Repositories
- state-of-the-art and future-direction studies
- inclusion of non-textual and/or non-publication content
- ‘enhanced publications’ (presentations / datasets)
- from test-bed to production-quality infrastructure
- expand geographical coverage
- escalate dissemination, training and community building activities

Enhanced publications

PDF is good for viewing and printing only
- no structure
- no components
- no ‘knowledge’ about the document’s content (methods, citations, data)

We have to do better. Three examples
1. Information Networks (model)
2. Object Re-use and Exchange (OAI-ORE, developing standard)
3. Scientific Publication Package (experiment)

http://www.openarchives.org/ore/0.1/datamodel-overview
Persistent identifiers (NL)

For objects: national bibliographic number (URN:NBN:nl …)

For authors: digital author identifier (DAI)

DAI = Dutch national project

- a unique identification for each (Dutch) researcher
  - in the catalogue
  - in the institutional repository
  - in the Current Research Information System
To succeed we only have to manage this!