By them going,
pathways are growing.

DARE; a work in progress

presentation by
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Open Acces to Scientific Information
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Rationale

DARE enables universities to better fulfill their own role and responsibility in the preservation and accessibility of the academic information produced within their own institute. Furthermore, it enables universities to provide structural support to their faculty in their scholarly communication and publication activities.

Jargon

DARE = Digital Academic Repositories.

Institutional Repository = digital open archive containing the OAI metadata of the intellectual produce of the institute.

OAI metadata = Dublin Core in XML schema.

Dublin Core = 15 bibliographic elements

OAI-MHP = OAI Metadata Harvesting Protocol.

Harvest = collect metadata.

Ambition

(July 2003)

"Since the beginning of 2003, a new and innovative programme in academic information provision is on its way in Holland: DARE (Digital Academic Repositories). DARE will put an infrastructure system in place that will enable advanced services for the digital recording, accessing, storage and distribution of the Dutch academic output.

DARE is OAI compliant. This simplifies the further use of the information for various purposes , nationally and internationally. Examples are: searchable overviews of research topics, expertise and programmes, publication in traditional or new journals (including electronic ones), long-term storage and incorporation in digital learning environments.

DARE is a joint effort of all Dutch universities and three major academic institutes, and is coordinated by SURF Foundation. The programme runs from 2003 - 2006, after which the activities will have to be completely embedded in the participating institutes."

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Process

- No central solutions
- Apply international open standards
- Central coordination
- Collective milestones
- Community of practice
- Libraries are actors
- Enough money

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8 workpackages

- Project management (2003-2006)
- Public relations (2003-2006)
- Specification metadata (2003 +)
- Interoperability (2003)
- Long term preservation (2004-2006)
- Connection to VLE-s (2004)
- Conversion existing repositories (2003)
- Services (2004-2006)

Results 2003

- July: 6 projects under way ...
- August:
  DARE Report 'Specifications for a Networked Repository for Dutch Universities' ...
- October: Participation in OAI-rights Initiative (OAI + RoMEO)
- 27 January 2004:
  Festive delivery of 16 interoperable repositories + 2 operational harvesters + 1 demo harvester

6 projects

- CoMa: Copyright Management', Universiteit van Tilburg
- 'DARC: Distributed Africana Repositories Community', Universiteit Leiden
- 'P-Web: een tool voor het online publiceren van proceedings', Erasmus Universiteit Rotterdam
- 'Scripties Online', Universiteit Twente; Erasmus Universiteit Rotterdam; Rijksuniversiteit Groningen
- 'Stroomlijning en digitalisering van het review proces', Wageningen Universiteit
- 'Universitair Wetenschappelijk Archief (UWA)', Universiteit van Amsterdam

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Content DARE Report

- Definitions of architecture, content and functional requirements of a DARE-repository
- Implementation issues
- Relation to e-Depot of KB (OAIS model)
- Definition of DARE metadata (OAI +)
- Comparative review of some applications (a.o. DSpace)

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Expectations 2004

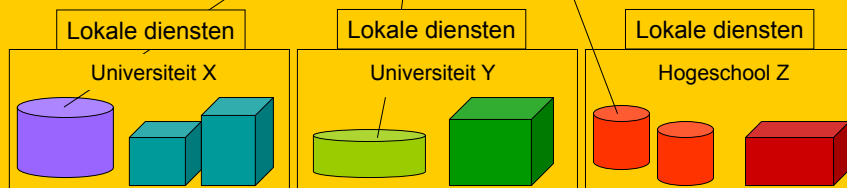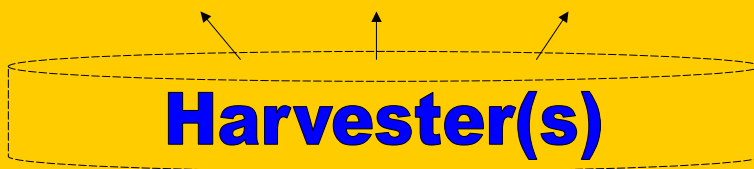New call for tenders, aiming at a.o.

- Robustification of repositories (enhancing DARE metadata e.g. DAI, coupling with e-Depot of KB, coupling with research management system METIS, authentication)
- Use of DARE for Virtual Learning Environment
- Raise awareness of scientists of benefits of repositories and open access

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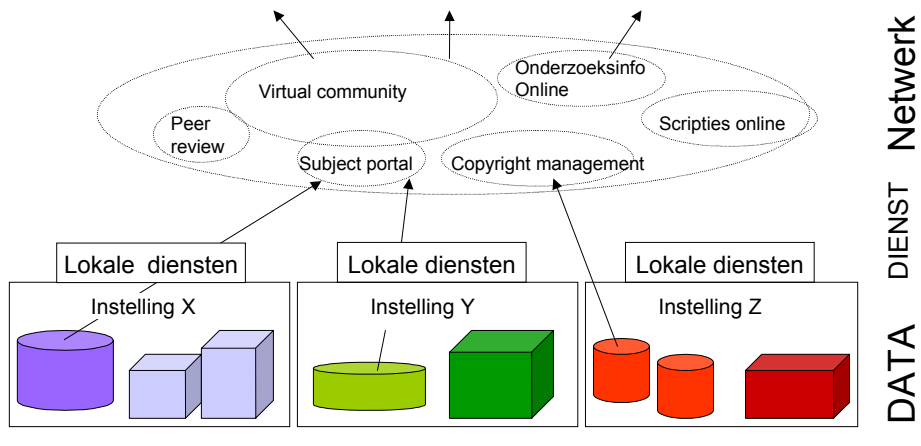# Context:
Data en dienstenniveau in beeld

dienstverlening

Harvester(s)

Lokale diensten   Lokale diensten   Lokale diensten
Universiteit X   Universiteit Y   Hogeschool Z

DIENST Netwerk DIENST

DIENST

DATA

Data en Diensten

dienstverlening

DIENST

Netwerk DIENST

DIENST

DATA

Virtual community

Onderzoeksinfo Online

Peer review

Scripties online

Subject portal

Copyright management

Lokale diensten

Instelling X

Lokale diensten

Instelling Y

Lokale diensten

Instelling Z

The DARE Programme

Information rich learning

Scholarly communication

Other services

lecturer

researcher

journalist, policy maker

course ware, problem based curriculum, permanent education, etc.

peer review, discipline based journal or portal, etc.

press, annual report, science map, yellow pages, promotion, etc.

Services

Data

Repository
Repository
Repository
Repository

librarian

Content management

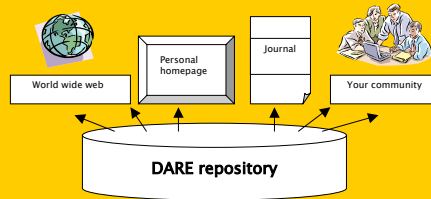# The DARE repository in its environment

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Nimshou

Au bouleau

Let's go

Lähdetään