



Registry of tools and services

**E-infrastructures and services for data
preservation and curation**

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Aims



- ❑ To provide **list of existing tools** and services with **assessment**, according to some well defined **metrics** related to the usability for digital preservation and their potential for exploiting **e-Infrastructures**.
- ❑ To **help** CH institutions **in selecting** quality, mature, sustainable and portable tools and solutions.
- ❑ To **help in making decisions** related to the deployment of DP processes on top of e-Infrastructures.

Strategy



- ❑ Provide **wide** list of tools with general description and structured information:
 - ❑ OAIS stage
 - ❑ content type
 - ❑ functional category
 - ❑ usage
 - ❑ licensing
- ❑ using available sources of information:
 - ❑ Ongoing and past projects
 - ❑ Existing registries
- ❑ Provide quality-related assessments for **selected** solutions:
 - ❑ investigated as PoC of DCH-RP project
 - ❑ selected using survey on the Registry

Status



- ❑ Structure defined in the deliverable D3.3

- ❑ Online version available on:

www.dch-rp.eu/index.php?en/129/registry-of-services-tools

or

viewshare.org/views/macko/dch-rp-tools-registry-v3-final

- ❑ 139 entries

- ❑ possibility of filtering the entries using multiple categories

- ❑ based on  **viewshare** service
interfaces to our heritage

- ❑ the webpage is generated from spreadsheet



This registry is maintained by [DCH-RP project](#)

Category

- 2 CMS/webpage
- 75 file processing tool
- 26 framework/distributed system/client-server
- 4 other
- 21 search/indexing tool
- 11 web application/service

Content type

- 4 audio
- 2 database
- 1 databases, documents
- 3 disk images
- 2 disk images, binary data
- 17 documents

Usage

- 1 access control
- 1 acqisition
- 1 acqisition, integrity check, conversion, storage, replication, view
- 10 acquisition
- 1 acquisition, ...
- 2 acquisition

139

[DETAILS](#) • [SUMMARY](#)

sorted by: [Name](#); then by... • grouped as sorted

AccessToSiard ([link](#))

Name AccessToSiard

Web <http://sourceforge.net/projects/accesstosiard/>

Category file processing tool

Functionality A collection of scripts to automatically convert MS Access files to the SIARD format.

Content type documents

Usage conversion

OAIS stage ingest

Technology Javascript

Project / institution

Status maintained

Status comment

Licence type open source

Licence details GPL

ACE (Audit Control Environment) ([link](#))

Name ACE (Audit Control Environment)

Web <http://adapt.umiacs.umd.edu/ace>

Category framework/distributed system/client-server

OAIS stage

ingest

23 no
116 yes

data management

108 no
31 yes

archival storage

109 no
30 yes

access

113 no
26 yes



This registry is maintained by
[DCH-RP project](#)

Category 1

2 file processing tool

Content type 1

2 audio

2 **database**

1 databases, documents

3 disk images

2 disk images, binary data

15 documents

Usage

1 acquisition, conversion

1 acquisition, conversion, metadata extraction

DETAILS • SUMMARY

2 filtered from 139 originally ([Reset All Filters](#))



sorted by: [Name](#); then by... • grouped as sorted

CHRONOS ([link](#))

Name CHRONOS

Web http://www.csp-sw.de/en/inhalt.php?kategorie=c271_Solutions_CHRONOS

Category file processing tool

Functionality Database Retirement, Partial and Ongoing Database Archiving, Application Retirement.

Content type database

Usage acquisition, conversion, metadata extraction

OAIS stage ingest

Technology

Project / institution CSP

Status maintained

Status comment

Licence type paid

Licence details

DeepArc ([link](#))

Name DeepArc

OAIS stage

ingest 1

2 yes

data management

2 no

archival storage

2 no

access

2 no

Future



Assessment need to be addressed

Results of PoC

Survey on the Registry:

www.dch-rp.eu/index.php?en/130/survey-on-registry-of-services-tools

Cooperation / integration with other initiatives

Partners for cooperation

❑ Community Owned digital Preservation Tool Registry (COPTR)

- ❑ Wiki –based
- ❑ 368 tools
- ❑ Several partners
- ❑ Lists by some criteria
- ❑ No assessments

❑ APARSEN tools repository

- ❑ No of tools?
- ❑ Lists by some criteria –by user scenario (most interesting)
- ❑ Elements of assessment

