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SciX

Open, self organising repository for scientific
information exchange

D6: Initial Content Architecture

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EXECUTIVE SUMMARY:

Deliverable D9 is labeled as "data" deliverable and was planned as "*Initial content from the field of architecture is compiled - at least 4000 papers of that 1000 in full text*". This document just provides a written statement about the data that has been collected and that is being used in further SciX investigations and prototyping. It details the results from collecting content according the identified content sources (see report D05). The figures mentioned are dated with 8.8.2003 and stem from the demonstration repository CUMINCAD ("Cumulative Index on CAD") – <http://cumincad.scix.net>. Currently this service lists 5463 papers. 2712 are in full text. The digitalisation was not part of the SciX effort.

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RELEASE HISTORY

date	changes
4.10.2002	draft outline
7.11.2002	final draft,
7.11.2002	version 1.0 released
22.1.2003	version 1.1 released
16.6.2003	version 1.2 released
8.8.2003	version 2.0 released

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1. INTRODUCTION

This deliverable is to be regarded as a document about "data". For further information a consultation of the demonstration repository (CUMINCAD - Cumulative Index on CAD - <http://cumincad.scix.net>) is strongly advised.

2. MILESTONES ON INITIAL CONTENT

2.1 NUMBER OF RECORDS

The CUMINCAD-repository consists currently of 5.942 records and contains fields with the following information:

1. Authors
2. Title
3. Source
4. Year
5. Summary
6. Keywords
7. Email
8. More (url)
9. Full paper (pdf-format)
10. Citations

Presently, all available CAAD-conference Proceedings are recorded and apart from general bibliographical data also a summary is presented. In total 2.324 papers were published in 55 proceedings in the period 1981-2002 by the CAAD-associations mentioned in D05 (eCAADe, ACADIA, CAADRIA, SiGraDi and CAADfutures). Furthermore a substantial number of corresponding papers in pdf-format (nearly 50%) could be attached to the records.

The annual production of conference papers in the field of CAAD has been raised significantly in the last decade. For instance in 2001, 355 papers were published in the framework of conference proceedings. However, this seems to be a number which will not substantially grow in the near future. The current extension on a annual base - without CAAD futures [biannual conference]- is approx. 300 papers.

2.2 CITATION INDEX

In the course of gathering initial content a relational database to cumincad was created and named "cumincadREFS". This database (> 19.595 records) consists of fields with the following information:

1. Authors
2. Title
3. Source
4. Year
5. Link to paper

The references stem from the CAAD-conference papers mentioned in section 2.1 and serve for further investigation in the near future.

3. USERS OF THE CUMINCAD-REPOSITORY

3.1 NUMBER OF USERS

The number of registered friends is currently over 1600 researchers. This figure supports the view that a substantial part of the worldwide CAD-community has been covered. Frequently comments are received from PhD-students, who use the repository intensively for their research work. Also established researcher take advantage of the repository to get their work easily displayed and referenced. The associations use the repository to supply with an overview on previous conference activities and especially in the course of reviewing a consultation towards previous or related published work will be performed.

3.2 LOG STATISTICS

Progress with the CUMINCAD-repository log file setup and analysis has been achieved. A separate url was created (/db/usexx/cumincad instead of /db/use/cumincad) with extended management functions. Raw log files for analysis can be downloaded as well as log file searching and counting features are offered. This enables the identification of key users and further monitoring. For example 230 user were logged more than 50 times, whereas 1.841 users entered the repository more than 10 times. All in all the accumulated log file recorded 65.462 queries.