Corporation for National Research Initiatives

CS-TR
Computer Science Technical Reports

- An Introduction to the CS-TR Project, Robert E. Kahn, December 11, 1995
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Participants

Each participant has provided on-line information about their work.

- Carnegie Mellon University
- Cornell University
- University of California at Berkeley
- Stanford University
- Massachusetts Institute of Technology
- CNRI

Architecture of the Digital Library

Members of the CSTR project have been developing the basic architecture that must underlie a world wide digital library, where valuable information is stored. This work includes:

- An architecture for the digital library.
- A handle system to maintain unique identifiers for objects in the Digital Library.

Implementations

Several public systems have been implemented with support from CSTR and are available for public use. (Some of these services are under development and subject to change at short notice.)

- Dienst, a distributed search system for technical reports (Cornell)
- Mercury, a centralized search system for technical reports (Carnegie Mellon)
- GLOSS, a system to help find relevant data sources (Stanford)
- SIFT, a system for performing wide-area information dissemination (Stanford)
- Lycos, a catalog of the Internet (Carnegie Mellon)

Contributed technology

Much of the technology that has been developed by the CS-TR members is available for use by others. Contact the individual universities directly or CNRI for availability.

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