
The Public-Access Computer Systems Review

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COMMUNICATIONS

Roderick D. Atkinson and Laurie E. Stackpole, TORPEDO: Networked Access to Full-Text and Page-Image Representations of Physics Journals and Technical Reports

The Naval Research Laboratory (NRL) Library and the American Physical Society (APS) are experimenting with electronically disseminating journals and reports over NRL campus networks. The project is called TORPEDO (The Optical Retrieval Project: Electronic Documents Online). It involves storing and disseminating two APS journals (Physical Review Letters and Physical Review E) as well as the NRL collection of unclassified, unlimited distribution technical reports. These paper-format journals and reports are scanned at NRL to create CCITT Group IV image files, the image files are converted to ASCII files using OCR, both types of files are associated with bibliographic information, and they are imported into a client/server-based commercial imaging system. A variety of retrieval techniques are used: full-text searching using fuzzy logic, bibliographic searching, and hierarchy browsing. Client software is provided to display page images of journals and reports at workstations running Microsoft Windows, Macintosh OS, or the X Window System.

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[gopher://info.lib.uh.edu:70/00/articles/e-journals/
uhlibrary/pacsreview/v6/n3/atkinson.6n3](gopher://info.lib.uh.edu:70/00/articles/e-journals/uhlibrary/pacsreview/v6/n3/atkinson.6n3)

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COLUMNS

Public-Access Provocations: An Informal Column

Walt Crawford, (for)Getting It: Toward Small Solutions

Convergence is a crock. The virtual library is a real impossibility. Grand solutions don't work. The real future is one of many small solutions pointing in many different directions.

- o HTML file

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