Nelson H. F. Beebe's Home Page

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If your WWW viewer doesn't show an image on this page, then it does not recognize the FIG tag in HTML 3.0. Select this to see what you're missing, or get the arena viewer, or version 2.5 or later of the xmosaic viewer.

If you find a broken hypertext link, or notice any other problem, please notify the author:

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Bibliography collections and support software

This section points to all of the bibliography material that I've found on the Internet, including a large collection that I maintain and develop at our site for the TeX Users Group.

Simple (and free!) HTML/SGML software tools

- **dehtml**: HTML command stripper (e.g. prior to spell checking).
- HTML prettyprinter in awk: To see sample output of the prettyprinter, turn on *View Source* in

your WWW client viewer to show how this page is formatted.

- HTML prettyprinter in lex and C. Up to version 0.05, the capabilities of the two prettyprinters tracked one another, but the awk version is now frozen at that level. This version is much faster, since it is written in a compiled language, and it has acquired many new features that are absent from the old awk prototype. The distribution files are available in three popular formats, and include source, documentation, test suite, and also an IBM PC executable with build and test scripts.
- FTP index file to HTML converter: To see sample output of the converter, select test01.index to see the original index, and then select test01.html to see what the formatted result looks like from your WWW client. Turn on *View Source* in your WWW client viewer to show what the raw HTML code looks like.
- Notes and pointers about `html-check` and `sgmls` for *grammatically-rigorous,* and *automatic,* validation of HTML files.
- Notes and pointers about James Clark's `SP 0.4` and `SP 1.0.1` a new implementation of SGML tools, including `nsgmls` (an `sgmls`-compatible validating SGML parser) and `spam` (an SGML normalizer).
- UNIX Makefile for maintaining a personal *public_html* directory.
- BibTeX bibliography on SGML and HTML.
- html2ps, an HTML to PostScript converter.

Digital libraries

The April 1995 Communications of the ACM is a special issue on digital libraries. The resources mentioned there, and pointers to

- computer science literature
- computer science technical reports
- computer bookstores
- computer third-party resellers
- computer vendors
- electronic journals
- electronic magazines
- engineering and scientific professional organizations
- libraries
- preprint servers
- publishers
- SGML vendors
- TeX vendors

are available if you follow the links.

Standardized library catalogs

- HyperDOC: The National Library of Medicine (NLM)

- Willow user interface

PostScript Type 1 fonts

Freely−distributable fonts
- Internet font archive (Sebastopol, CA, USA)
- Internet font browser (Geneva, Switzerland)
- Adobe Utopia (InfoZip archive)
- Basil K. Malyshev's BaKoMa fonts (TeX Computer Modern in Adobe Type 1 outline format). A gzip'ed UNIX tar archive is also available.
- Bitstream Charter (InfoZip archive)
- URW Antiqua, Grotesk, Nimbus Roman, and Nimbus Sans (InfoZip archive)

Commercial licensed fonts
- Adobe
- Bitstream
- Gallium Software, Inc. [Type 1, Speedo, and TrueType fonts for UNIX X11R5 and X11R6]
- Monotype
- Y&Y: specialists in products that optimize the performance of the TeX typesetting system

Computer vendor−provided fonts
- DEC Alpha OSF/1 3.x (Digital UNIX)
- DEC Alpha and VAX (OpenVMS)
- DECstation ULTRIX 4.x
- Hewlett−Packard HP−UX 9.x
- IBM RS/6000 AIX 3.x
- Linux 1.x (Intel and IBM PowerPC)
- NeXT Mach 3.x
- Silicon Graphics IRIX 5.x and 6.x
- Sun Solaris 2.x
- Sun SunOS 4.x

Advice on fonts and typography
- Will Harris' home page

TeX and Metafont

- The LaTeX Navigator [Nancy, France]
- The Comprehensive TeX Archive Network (CTAN)
  Index to CTAN holdings
  - Cambridge, MA, USA
  Master sites
  - Heidelberg, Germany

    - Huntsville, TX, USA
    - Cambridge, England

  Mirror sites
    - Osaka, Japan
    - Melbourne, Australia
    - Nancy, France
    - Bielefeld, Germany
    - Stuttgart, Germany
    - Singapore
    - London, England
    - Chapel Hill, NC, USA
    - St. Louis, MO, USA
- TeX User Group (TUG) (contains pointers to other national/linguistic/regional TeX user groups)
- TeX vendors

WWW client programs

- Arena: experimental HTML 3.0 client, HTML 3.0 grammar, and HTML 3.0 style sheets
- lynx and doslynx: text−only browsers for the World−Wide Web (essential for dialup and ASCII terminal access)
- NSCA Mosaic
- Netscape software, Netscape extensions to HTML 2.0 grammar, comparison of Netscape grammar extensions with HTML 3.0, commentary on Netscape extensions, and the Netscape hall of shame
- Sun Microsystems' HotJava client for *interactive* WEB nodes
- Corporation for National Research Initiatives' grail client for *interactive* WEB nodes
- Caligari WorldSpace VRML authoring tool

Links to other stuff

- Glimpse: fast exact and approximate string searching in files
- Managing Gigabytes: extremely fast full text searching in files The MG authors now have a home page in Australia.
- Mathematics for computer−generated spoken documents
- University of Utah Mathematics Department FTP archive
- University of Utah Mathematics Department WWW home page
- X3 Standards Committee (programming language standardization, and more)
- APR (Applied Parallel Research, Inc.) High Performance Fortran benchmark results
- HPFF (High Performance Fortran Forum) High Performance Fortran benchmark results
- IBM PC and Apple Macintosh benchmarks
- giftrans server for transforming GIF images to a transparent background
- Visible Human Project at the U.S. National Library of Medicine

- DEC’s index of 8 billion words in 16 million WWW pages, and 13,000 Usenet news groups
- WebTech HTML file validation service
- Yahoo index of WWW pages

[IMAGE]