NeXT PUBLIC ARCHIVES

This section lists of some of the newest public-domain software, documentation, programming examples, and other resources available at public archive sites for NeXT users. All resources are accessible using the file transfer protocol (FTP) program, and most are available via e-mail. If you do not know how to use FTP or access the e-mail archives, contact your campus support center.

By Jeff Wishnie
Stanford University

Binaries

These files can be found at the Oregon State and Purdue archives in the binaries directories unless otherwise noted.

Ac_Chen–A game described on the Usenet as "maddeningly addictive." The object is to clear increasingly difficult screens of tiles before time runs out. By Peter Preuss

Archie–Archie lets you query a database of the resources available at thousands of FTP archive sites. If you find a document you'd like, Archie will retrieve it.
By Scott Stark

AudioChallenger–This application, from the folks who wrote "Bessie" the computer music tutorial, helps one practice ear training. It plays intervals and asks the user to identify them by choosing the appropriate button. By Anthony Holland

CDPlayer–A NeXTSTEP application and UNIX command to let you play audio CDs on a NeXT CD-ROM drive. By Felix Lugo and Tyler Gingrich

CheckItOut2–A shareware front-end to the GNU Revision Control System. By John Robinson

GatorFTP+–A graphical front-end to the FTP protocol. By Charles Fleming and Mike Mezzino

GoWild–This application lets two people play the strategy board game Go across a network. In addition to making moves, users may send voice messages to each other. By Andrew McCallum

MediaView–From the documentation: "A general purpose multimedia digital publication system. It produces documents which are editable by using the familiar cut, copy, paste paradigm for all components of the document – text, video, graphics, etc." Custom multimedia components can be dynamically loaded into MediaView. Both Purdue and Oregon State sites contain directories of MediaView documents. By Dick Phillips

Archie–Archie lets you query a database of the resources available at thousands of FTP archive sites. If you find a document you'd like, Archie will retrieve it.
By Scott Stark

Nutation–An object-oriented, graphical composition system. Music is composed by the placement of various "glyphs" on a desktop. Nutation can be extended by creating new glyphs which are defined in objective-C and PostScript.
Eval–A service provider that evaluates selected ASCII text as either Objective-C or PostScript code. By Glenn Diener (CCRMA archive site)

Opener–Opener automatically decodes and opens compressed files when you double-click them in the Workspace. Files dropped on the Opener icon will be decoded. Opener supports files encoded with compress, tar, arc, booz, binhex, StuffIt, uuencode, zip, lzh, and xlharc. By Michael Hawley

Poste–An application and Service provider for printing envelopes. By Kevin Sven Berg

SegHoarker– A utility for examining and editing Mach-O files. SegHoarker presents the segments and sections of any Mach-O file in a standard NeXT browser. Users can open, edit, and reinsert any segment. By Garrick Toubassi

SignalEditor (SE)–SE is the IRCAM signal editor. It is optimized for the rapid display and editing of large signal files. (CCRMA archive site)

Demos

Demos are partially disabled versions of commercially available software. Some demos can't save, and others will not run after a certain date. If you are interested in purchasing an application, using the demo is a good way to see if it fits your needs. All demos are at the Oregon State and Purdue archive sites unless otherwise noted.

Concurrence–See Third-Party Products, page 45 for description.

DADiSP 3.0–See Third-Party Products, page 44 for description.

DataPhile–See Third-Party Products, page 44 for description.

Diagram!–See Third-Party Products, page 45 for description.

Dots–Print drivers for popular HP printers. Federico Heinz Consulting

ElectroFile–A system for filing, cataloging, and retrieving electronic documents. Insight Software.

Engage!–See Third-Party Products, page 45, for description.

enTar–A utility for interactively creating, storing, and retrieve tape archives.
Gdb–A graphical front-end to the GNU GDB debugger.
MacinDisk–A utility for reading 1.44 MB Macintosh floppy-disks.
PixelSaver–A module-based screen saver. Includes a daemon to dim the screen even if no one is logged in. Impact Software Publishing

MindOverMail–An electronic address book with label printing facilities. Salt Spring Technical

PixelMagician–Lets you open, inspect, and convert various formats of image files, including: EPS, GIF, IFF/ILBM, MacPaint, MTV, PCX, PICT, PNM, PostScript, XBM, and XWD. Bacchus, Inc.

PowerPalettes–See Third-Party Products, page 44, for description.

SimonSays–See Third-Party Products, page 44, for description.

Fonts

The Oregon State archive contains several PostScript fonts and utilities to convert Macintosh and IBM PostScript font files for use with NeXT computers.

CyrillicGothic–A sans serif Cyrillic font. The font uses a phonetic mapping between the Cyrillic alphabet and the English keyboard. By Jay Secora

Shalom–This font family includes three Hebrew typefaces: Shalom Old-Style, Shalom Script, and Shalom Stick. The mapping to the English keyboard is phonetic with vowels accessed through the number keys. By Jonathan Brecher

Source

The Sources directories at the Oregon State and Purdue archives include full source code.

The Compiler's Companion–A shareware Service provider that issues make commands from within any application. After compilation, a second Service steps through any compiler errors, highlighting the where the errors occurred in the source files. By Daryll Strauss

DeskJet 2.01–A driver package that lets your print from your NeXT to HP DeskJet printers. By Derek Beatty.

WAIStation–The NeXT WAIStation client provides a graphical front-end to searching and retrieving data from the hundreds of Wide-Area Information Servers on the Internet. By Paul Burchard

Documents

Documents are most often in PostScript format so they may be printed on any PostScript printer. Other common formats are Rich Text Format and WriteNow. All documents are at the Purdue archive site unless otherwise noted.

User Group Newsletters–Newsletters from the following user groups: ANuG, BaNG, BuzzNUG, CeNUG, FaNG, GUN, hAng, MiamiNUG, NeXus, PNUG, rmNUG, SCaN, VaTNUG, and VNUS.

Course Materials–Includes Michael Mahoney's Interface Builder and Object-Oriented Design tutorial and John Glover's three-day NeXTSTEP development course.

Technical Information–Documents include NeXT Technical Support Notes on advanced topics such as performance tuning and localization, and NeXTanswers, a Digital Librarian directory of hundreds of answers to technical questions.

NeXT Publications–The *Support Bulletin* which focuses on software and hardware support for NeXT computers, and *NeXT on Campus* are regularly placed at the archives.

NeXT's White Paper Library–Papers on NeXTSTEP development, *Mathematica*, connectivity, DBKit™, and open systems. (Oregon State archive site)

Literature–Literary works available and ready to be indexed for Digital Librarian include: The King James Bible, Alice in Wonderland, A Christmas Carol, works of Dr. Seuss, The Origin of the Species, Paradise Lost, Declaration of Independence, Constitution of the United States, Magna Carta, and lyrics of Bob Dylan.

FTP Archive Sites

Site	*Focus*	*Hostname*	*IP Address*
Electrotechnical Laboratory, Japan	Japanese/Gen.	etlport.etl.go.jp	192.31.197.99
Oregon State University	General	cs.orst.edu	128.193.32.1
Princeton University	Music	princeton.edu	128.112.128.1
Purdue University	General	nova.cc.purdue.edu	128.210.7.22
Stanford University	*Mathematica*	otter.stanford.edu	36.21.0.104
CCRMA	Music	ccrma-ftp.stanford.edu	36.49.0.84
University of Illinois	*Mathematica*	ftp.ncsa.uiuc.edu	128.174.20.50

E-mail Archive Sites

Adobe	PostScript	ps-file-server@adobe.com
Purdue	General	archive-server@cc.purdue.edu