

UNIX Support for Windows NT

Draft: November 2, 1993

NFS Clients and Servers

Beame & Whiteside

Products: NFS client and server
Main: 416-765-0822

FTP Software, Inc.

Products: NFS client and server
Main: 800-282-4387; 508-685-4000
Direct Sales: 508-685-3300
Fax: 508-794-4477

NetManage

Product: Chameleon NFS32
* NFS client and server
Main: 408.973.7171
Fax: 408.257.6405

SunSelect

Product: PC NFS for Windows NT
* NFS client, no announced server support
Main: 800-24SELECT; 508-442-0000
Fax: 508-250-5070

X Windows Servers and Clients

Congruent Corporation

Product: NtNiX - X Client Support for Windows NT (\$395 - Intel or MIPS)
* all standard X libraries, X-terminal support, X clients
* development tools: imake, GNU make, sed, cpp, gawk, ...
* Motif support
* multi-user NT facility
Main: 212-431-5100
Fax: 212-219-1532
E-Mail: info@congruent.com

Digital Equipment Corp (DEC)

Products: eXcursion for Windows NT (X-Windows Server)
* call for other products and support for Windows NT
Main: 1-800-DEC-INFO xNT
Fax: 508-486-2311

AGE Logic, Inc.

Products: Xoftware for Windows
* provides full 32-bit X11R5 server support
Main: 619-455-8600
Fax: 619-597-6030

Network Computing Devices, Inc. (PC-X Division)

Products: PC-Xware for Windows NT (X-Windows Server)
Main: 503-641-2200
Direct Sales: 800-793-7638
Fax: 503-643-8642

Hummingbird Communications, Ltd.

Products: HCL-eXceed for Windows NT
Main: 416-470-1203
Fax: 416-470-1207

JSB Corp.

Product: Multiview/X
Main: 800-359-3408; 408-438-8300
Fax: 408-438-8360

Unix Tools and Utilities

Windows NT Product

Windows NT includes several UNIX utilities including TELNET, FTP, FTPD, and RSH.

Congruent Corporation

Products: Toolbuster - CD-ROM loaded with GNU Utilities for Windows NT (\$199)

- * GNU toolset, compilers, libraries, debuggers, editors, and utilities
- * on-line documentation
- * executables for Intel, Alpha, and MIPS
- * RCS component

Main: 212-431-5100

Fax: 212-219-1532

E-Mail: info@congruent.com

Mortice Kern Systems (MKS), Inc.

Products: MKS Toolkit for Windows NT

Main: 519-884-2251

Direct Sales: 800-265-2797

Fax: 519-884-8861

Hippo Software

Products: HIPPIX (\$79 - libraries; \$79 - utilities; together - \$109)

- * provides a library that supports over 90% of the functions of the POSIX 1003.1 API working with the Win32 subsystem
- * provides a suite of over 100 UNIX utilities including: SH, VI, AWK, GREP, MAKE, LEX, YACC, RCS, ...

E-Mail: CompuServe: 72360,2675; Internet: hippix-info@hippo.com

Hamilton Laboratories

Products: C Shell for Windows NT

Main: 508-358-5715

Fax: 508-358-1113

Software Innovations

*** All products available for Intel, MIPS, and Alpha.

Product: The Connectivity Kit for Windows NT (\$149.95)

- * TELNETD host service, FINGERD, UNIX talk daemon and client
- * supports all of the Berkeley remote commands to Windows NT (RLOGIN, REXEC, RSH, RCP)
- * serial port logon to Windows NT command line

Product: The LPR/LPD kit for Windows NT (\$59.95)

- * allows you to use all Windows NT hosted printers from a UNIX machine, and also all UNIX hosted printers from Windows NT and Windows for Workgroups which show up as regular Print Manager printers.

Product: Full feature NNTP news server for Windows NT (\$125)

Product: Threaded News Reader for Windows NT (\$39.95)

Product: Full SMTP/POP/UUCP/X.400 Gateway for Microsoft Mail for Windows NT (less than \$400)

Product: SLIP and PPP kit for Windows NT (in beta - expected to ship in January '94)

Main: 1-800-946-6688

Fax: 1-515-232-7382

E-Mail: winnt@innov.com

Unix Source Code Control Systems

Mortice Kern Systems (MKS), Inc.

Products: MKS Toolkit for Windows NT

Main: 519-884-2251

Direct Sales: 800-265-2797

Fax: 519-884-8861

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E-Mail: CompuServe: 72360,2675; Internet: hippix-info@hippo.com

Microsoft Windows API Support on UNIX

Bristol Technology

Product: Wind/U 1.3

* provides source code level support for MFC 2.0 and the Windows 16-bit API on UNIX Motif/X

Main: Jean Blackwell at 203.438.6969

E-Mail: jean@bristol.com

RPC Support

Windows 3.1 RPC client support and Windows NT RPC client and server support are included in the Windows NT SDK.

TCP/IP Support

A TCP/IP stack is included with Windows NT. The Windows NT SDK includes support for streams and the Windows Sockets interface.

Mail Support

You can connect from a Microsoft Mail server to UNIX mail using Microsoft Mail's SMTP gateway product. To connect from a Windows for Workgroups Post Office to UNIX mail using the SMTP gateway you need to first upgrade your Windows for Workgroups Post Office using the Windows for Workgroups Microsoft Mail & Schedule+ Extensions Kit.

Dumb Terminal Support

Several 3rd parties are working on various forms of dumb terminal support.

Multi-User Remote Access Services

Multiple users can logon remotely to a Windows NT Advanced Server machine using the Remote Access Services (RAS) software provided with that product. This software allows users to remotely connect to files stored on a Windows NT Advanced Server.

Windows NT SDK and Documentation Kit

The Windows NT 3.1 SDK CD-ROM can be purchased for \$199 by calling Microsoft Developer Services at 1.800.227.4679 x11771. Included on the CD-ROM is on-line documentation, and printed documentation can optionally be purchased from Microsoft Developer Services for \$149 for the SDK, \$149 for the DDK, and \$79 for the compiler.

Developer Services and Beta Programs

To get development kits for a Microsoft Systems technology such as OLE 2.0, you should call Microsoft Developer Services at 1.800.227.4679 x11771. The ODBC SDK and many other developer materials can also be found on CompuServe's WINEXT forum. Microsoft Developer Services also has developer whitepapers and other support materials. To be considered for a Microsoft beta program you should call 1.206.936.BETA.

Books

"Distributing Applications Across DCE and Windows NT"

by O'Reilly & Associates, Inc.

Main: 707.829.0515; Fax: 707.829.0104; E-Mail: order@ora.com

"Inside Windows NT"

by Helen Custer

Microsoft Press

"Windows NT Answer Book"

by Jim Groves

Microsoft Press

"The Windows NT Resource Kit (3 Volume Set)"

Microsoft Press

"Migrating to Windows NT"

by Randall C. Kennedy

Brady Publishing

Technical Support

CompuServe is the preferred vehicle for getting technical support for Windows NT and other Microsoft Systems technologies. CompuServe's MSWin32 has a section for porting from UNIX to Win32. Microsoft also offers fee-based technical support including Premier Developer Support, Professional Support, and Electronic Technical Service Requests Packages. For more information, or to order support services, call Microsoft Developer Services at 1.800.227.4679 x11771.

Electronic Technical Service Requests

Electronic Technical Service Requests (SRs) packages give users the convenience of incremental information delivery and private responses from a Microsoft support engineer. SRs may be submitted seven days a week, 24 hours a day, including holidays. Product Support Services (PSS) responds to SRs from Monday through Friday, 6 A.M. to 6 P.M., Pacific time, excluding holidays.

* Developer 5-Pack: \$750 prepaid; 5 electronic SRs on any Microsoft development product; includes unlimited access time for sending SRs and viewing the Microsoft Knowledge Base.

* Developer Per-Incident Service Request: \$150 prepaid; private technical support on most Microsoft development projects; SRs are submitted through the Microsoft Developer Services Area on CompuServe.

Anonymous FTP Sites

<i>ftp.microsoft.com</i>	Microsoft support files, patches, drivers, and other developer information.
<i>rhino.microsoft.com</i>	Microsoft Windows NT TCP/IP applications and information.
<i>ftp.cica.indiana.edu</i>	Shareware and free software for Microsoft Windows NT.
<i>sunsite.unc.edu</i>	Shareware and free software for Microsoft Windows NT.
<i>ftp.uu.net</i>	Developer code samples and information in the directory /vendor/microsoft.
<i>ftp.iastate.edu</i>	FTPD, miscellaneous utilities as /pub/nt/[cpu-type]/ftpdserv.zip and other files Also available on CompuServe forum MSWIN32 library 1 (New Uploads) files iftpd.zip and mftpd.zip

Microsoft Resources

Microsoft Product Information - 1.800.227.4679 - 1.206.936.8661

Microsoft Developer Services - 1.800.227.4679 x11771 [technical support packages, developer materials]

Microsoft Windows NT automated fax information - 1.800.936.4400

Microsoft Download Service Bulletin Board - 206.637.9009 [1200/2400/9600 bps modem - technical notes and support software]