PDM INTERNET Tools™

The complete TCP/IP and Internet toolkit for 4th Dimension™

Use PDM INTERNET Tools to communicate through the Internet and TCP/IP networks. Send and receive mail, transfer files and communicate directly with other systems using over 75 powerful, easy to use commands.

What is PDM INTERNET Tools?

PDM INTERNET Tools is a 4th Dimension external package that provides the means to communicate through the Internet and other TCP/IP networks. PDM INTERNET Tools supports low-level TCP/IP calls such as sending and receiving raw TCP packets, as well as higher level protocols including FTP, SMTP, POP3, NTP and other commonly used UNIX based commands.

Powerful Automation

PDM INTERNET Tools has a wide range of uses. Apart from the obvious use of sending and receiving messages and files, other uses include:
• Watch-dog routines that remotely report on database integrity or security
• Automated sales report generation and distribution triggered by internal processes or external e-mail requests
• Mass electronic mailings using corporate data directly from your database
• Remote database update, maintenance and synchronization via direct connection or store-and-forward mail
• Automatic fulfillment of product information requests

SMTP (Simple Mail Transfer Protocol)

PDM INTERNET Tools allows users to quickly and easily build and send electronic mail via a SMTP server. Mail composure and delivery can be as simple as a single external call or specifically tailored to effect any message header controlling its delivery behavior.
Complete MIME (Multipurpose Internet Mail Extensions) support is included, permitting multiple text or binary attachments to any message. Since internet mail addressing provides for delivery to such services as CompuServe, America Online, AppleLink, eWorld, etc. you are able to reach virtually anyone with an e-mail account.

POP3 (Post Office Protocol)

In addition to sending mail, the PDM INTERNET Tools package can connect and receive mail stored on a POP3 server. The POP3 commands can retrieve mail from any number of mailboxes for storage within a database, re-routing, auto-reply or remote-search execution. Mail information can be downloaded into fields, variables, arrays or files on disk. Multiple binary attachments are easily extracted and decoded.

FTP (File Transfer Protocol)

Support for the internet File Transfer Protocol (FTP) is provided through externals that can connect to and navigate through directory listings on FTP servers. Commands are provided to send and receive text and binary files which can optionally display a progress thermometer.
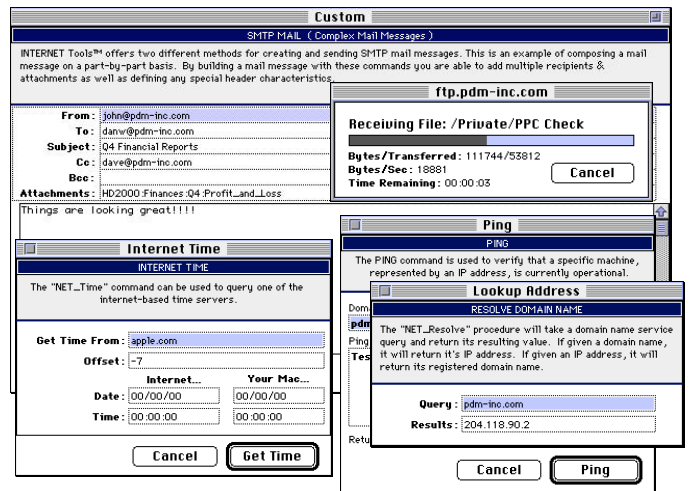
TCP/IP & Miscellaneous functions

PDM INTERNET Tools contains a full suite of commands providing direct control over TCP/IP communications. Databases can open TCP sessions to remote ports or passively listen for incoming connections. The TCP commands extend the range of possibilities for database communications with ideas such as:
• Build your own telnet interface
• Execute shell commands on remote machines
• Search through on-line databases
• Retrieve documents from the World Wide Web
Additional utilities are included to Ping (ICMP echo) remote machines, obtain standardized time (NTP), resolve domain names, retrieve 'Finger' information and Encode/Decode files in a variety of formats.

Documentation and Examples

A complete command reference and extensive example database is provided in electronic form on disk.

System Requirements

PDM INTERNET Tools can be used on any Macintosh computer running 4th Dimension 2.2.x or greater and MacTCP 2.0 or greater. PDM INTERNET Tools is fully compatible with 4D Server and 4D Compiler and is PowerMac native.

Cost and Ordering information

PDM INTERNET Tools costs $189 for a 5 user, single application license. Additional users are $25 each. Unlimited licenses are available, call for more information. To order PDM INTERNET Tools call, FAX or mail today to:

Pacific Data Management, Inc.
55 South Market Street, Suite 1410
San Jose, CA 95113-2337
Orders Only: (800) 220-6430, FAX: (408) 283-5903
TEL: (408) 283-5900, E-mail: pdm@pdm-inc.com

PDM INTERNET Tools	$189.00
Additional users _____ x $25 _____.___	
Shipping & Handling	$7.00
Sales tax (California residents only) _____.___	
Total Due _____.___	

Cardholders Name _____

Card Number _____ Expiration Date _____

Signature _____ Daytime Phone _____

We accept checks, money orders, VISA and Mastercard. Expect a 2-3 week delay for check processing. Orders that include an E-mail address can receive PDM INTERNET Tools electronically. Electronically sent licenses will be followed by a disk via standard mail.

Last Name _____ First Name _____ Middle _____

Street _____ City _____ State _____ Zip _____

E-Mail Address _____ Daytime Phone _____

❏ I have included my E-mail address and would like PDM INTERNET Tools sent to me electronically as well as by mail

PDM

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