



NetLink™/4D

**Database
Connectivity
for the Web**

FEATURES

Handles all communication between the Web server and 4D

Includes Java libraries for connecting to 4D via a Java interface

Supports file upload

Allows you to send email from 4th Dimension using SMTP

Manages concurrent Web server requests and multiple 4D processes

Parses all posted parameters, including all HTML special characters

Handles converting and sending 4D picture fields as GIF and JPEG

Works with 4D, 4D Runtime, or 4D Client applications

BENEFITS

No additional programming is required to manage concurrent connections

Easy access to 4D text variables and arrays

Easy to use. Even for those new to 4D.

INTERNET CONNECTIVITY

The Internet means that true cross-platform access to data is now available. Almost anyone can access the Web regardless of their hardware or operating system. Coupling this ease of access with the power of a relational database provides many new and interesting ways to obtain and share data. This could be in the form of public access on the Web, or for a specified group of users on an internal network or intranet.

THE PRODUCT

NetLink/4D is an easy-to-use package for connecting Web servers, such as Microsoft Internet Information Server and WebSTAR, to a 4th Dimension (4D) or SQL database. This powerful combination of comprehensive Web server and full-featured relational database provides many ways to present and exchange information with Web browsers.

NetLink includes libraries that allow you to add a Java interface to 4D. Using Java, you can create more sophisticated solutions than are possible with just HTML. Interface design is more flexible and Java provides extended error checking and validation capabilities.

NetLink/4D handles concurrent connections between your Web server and 4D using 4D's multi-tasking architecture. This allows multiple Web clients to perform database actions at the same time, resulting in outstanding performance – something you won't find with traditional CGIs.

NetLink is available in Macintosh and Windows versions that communicate with your Web server using the Microsoft, Netscape, or WebSTAR plug-in architectures, or CGI connections. NetLink/4D performs all the parameter handling and parsing, and provides a simple, intuitive command set for sending replies back to the Web server in the form of HTML scripts and images in GIF and JPEG formats.

The combination of Web server and NetLink/4D allows you to see results quickly. The Web server will take care of all HTTP and MIME issues, so you won't have to reinvent the wheel, as is required with some database/Web solutions.

Using 4D's connectivity to Sybase, Oracle and other databases, NetLink/4D can connect a Web server to almost any database, including Microsoft SQL Server and databases running on UNIX computers.



NetLink/4D

TIRED OF UPDATING WEB PAGES?

Use NetLink, in unison with an existing Web server, to build Web pages on-the-fly. NetLink gives you the ability to dynamically present information on the Web, using real-time data.

WANT WEB ACCESS TO YOUR DATABASE?

NetLink is an efficient way to publish interactive databases on the Web. Turn your 4D or SQL database into content that is accessible via almost any Web browser. Use Java or HTML to create interfaces that present information in a way that responds to your users' needs.

MONEY BACK GUARANTEE

All Foresight products come with a 60-day money back guarantee. If, for any reason, you are not completely satisfied simply return the product for credit or a full refund.

FREE TECHNICAL SUPPORT

Support for all of our products is provided absolutely free. All you need to do is register. A support technician will assist you via phone, fax or email.

"NO-HASSLE" LICENSE

There are no site licenses or royalties. Purchase one copy of NetLink/4D for each developer. Use it in an unlimited number of applications, or Web servers.

SYSTEM REQUIREMENTS

Apple Macintosh running System 7 or higher. PC running Windows 95 or Windows NT.

For more information, call (800) 701-9393 or visit Foresight on the World Wide Web at: www.fsti.com

The image displays three overlapping Netscape browser windows. The top window, titled "Netscape: CDE Search Form", shows a search interface for the CD Europe Catalog. It includes a search bar with "The Crow" entered, search options for "Artist" and "Title", and a "Search Now" button. A callout arrow points to the search bar with the text "Perform database searches using your Web browser".

The middle window, titled "Netscape: [Asset Trustee Java Demo]", displays a detailed record for an asset. The record includes fields for System ID (40000), Description (Mac IICI, 8/80, LaserWriter II SC), Location (Boston Annex), User (YOUNG, Neil), Dept. Platform (GRAPHICS), and Admin Def. (a). It also shows a Payment Method section with radio buttons for Purchase, Lease, and Rent, and a list of Applications including software like 4th Dimension and Apple File Exchange.

The bottom window, titled "Netscape: FAMSF-ImageBase-Search Results-8 Found", shows search results for "Liz, 1964". It lists items 6, 7, and 8, each with a small image and a description: "Andy Warhol The Velvet Underground and Nico, 1967", "Andy Warhol untitled, plate on p. 112 in the book, 1 Life ((Bern. E. W. Korafeld, 1964)), 1964", and "Andy Warhol untitled, plate on p. 113 in the book, 1 Life ((Bern. E. W. Korafeld, 1964)), 1964". A callout arrow points to the search results with the text "Use Java to create powerful interfaces to your 4D or SQL database".

At the bottom of the third window, there is a "NEW SEARCH" section with a search bar and a "Search" button. Below it is a navigation menu with links for HOME, EXHIBITIONS, COLLECTIONS, INFORMATION, EDUCATION, MEMBERSHIP, and SITE MAP. A footer contains contact information and a "The Thinker" logo.