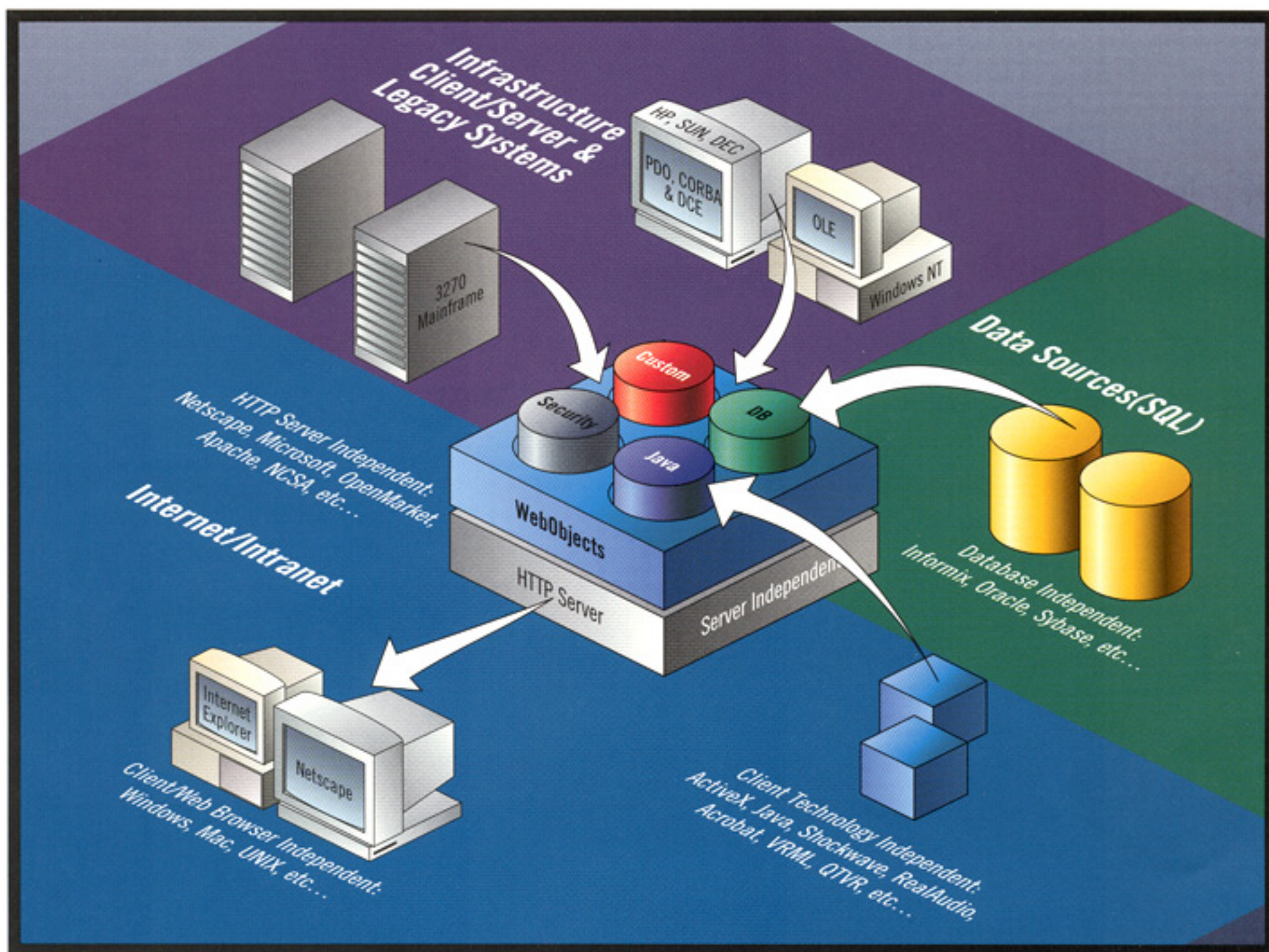


WEBOBJECTS



WebObjects—an open development platform for creating web applications that interact dynamically with your existing computing infrastructure.

Designed for organizations who want to expand to the Web using their current technologies, WebObjects products offer the only Web solution that provides access to your corporate data, integrates easily with existing applications, and can scale to handle any amount of website traffic.

Companies are racing for solutions that do more than publish static information on the World Wide Web—instead, they want to connect their web users directly to their corporate data. The Web makes it possible to reach an infinitely broad customer base, but interacting with those users effectively requires a strong, maintainable connection to your back-end infrastructure and the resources to handle any number of hits on your site. WebObjects™ uses a highly flexible distributed architecture that easily integrates with your existing applications and data, and that can scale to accommodate any amount of website traffic.

WebObjects is an open development platform that includes pre-built components and graphical development tools for rapid application assembly and an application server architecture for robust, scalable, maintainable deployability. The graphical tools support drag and drop construction of user interfaces and direct connection to enterprise applications and data sources. A wizard guides your initial development of database applications, but—unlike other wizard-based solutions—you have the power and flexibility to modify and extend your application in any way you choose. Develop in your choice of scripted and compiled languages, including C, WebScript, and Java.

What's unique about the WebObjects environment is the ability to share the logic of your web application and your data with other internal non-web-based applications. You don't have to maintain a dedicated database or write specific code for your web application. If you are already running an application on a mainframe, Windows NT® or UNIX server, and your data is stored on a Sybase, Oracle, Informix, or mainframe database, WebObjects applications can easily make these resources available to anyone with a web browser. WebObjects dynamically publishes your data for anyone online, and you deliver the most successful business solution for the Web.



WEBOBJECTS *Features & Benefits*

Client-side technology independent	WebObjects™ applications support any client-side technology, such as Java, ActiveX, JavaScript, VBScript, RealAudio, and Shockwave. Developers can tie Java applets to objects in the WebObjects application server to provide fully interactive web applications. For example, users can move a slider specifying a database query and immediately see the query results -- no page redisplay is required!
HTTP server independent	WebObjects works with any HTTP server product available on the market that provides a CGI, ISAPI or NSAPI interface. This includes servers from Netscape, Microsoft, and Apache among others. WebObjects interfaces with your HTTP server on Windows NT, Solaris, HP-UX, and OPENSTEP Mach. WebObjects connects via adaptors to any HTTP server (Located either on the same machine or on a different machine).
Browser independent	Applications developed with WebObjects work with any web browser, such as those from Netscape, Spry, Microsoft, and NCSA. This frees you from all operating system dependencies, and you can deploy your applications to anybody who has access to a browser—either on your internal network (Intranet), or externally on the Internet.
Multiple databases and simultaneous data source access	WebObjects Enterprise allows you to access popular databases such as Oracle, Sybase, Informix, and those supporting ODBC without having to write any database-specific code. Not only are you not tied to a particular database, but your web application can display information coming from different databases, all on the same page. In addition you can integrate legacy applications or distributed computing services such as DCE, CORBA, PDO, and OLE. This independence from the data source makes it possible to use your existing data infrastructure.
Automatic dispatch of server requests (load balancing)	A single WebObjects Enterprise application can run as different processes on different machines, with the adaptors on the HTTP server distributing the requests across the different processes. As the number of requests to be handled increases, extra machines can easily be added to balance the load and provide fault tolerance. This scalability protects your investment in WebObjects, no matter what the traffic on your website is in the future.
Separation of application logic from the presentation layer	WebObjects separates your application into three tiers: the Web graphical presentation layer, the business logic layer, and the data access layer. This partitioning allows you to share a piece of application logic or data with your internal Windows-based client/server applications. This means your corporation can take advantage of the power of enterprise-wide, dynamic web applications while continuing to make use of the existing business infrastructure.
Security mechanisms	WebObjects supports security standards such as SSL and S-HTTP. WebObjects leverages any security systems included with popular HTTP servers. WebObjects includes built-in mechanisms to handle user authentication in the inherently multi-user environment of the Web (Through a partnership with Security Dynamics, WebObjects delivers the patented SecureID system). Furthermore, WebObjects can operate in environments that use firewalls to block all unauthorized requests to machines on the network. WebObjects enables you to confidently conduct your business over the Web.
Component Reuse	WebObjects delivers a set of reusable graphical components. A header a footer, and even a calendar page can be reused as components of another page. HTML code can be packaged and reused as a component in other web pages. Reusable components provided by NeXT, developed by you, or available from third-party developers, dramatically accelerate development of web applications.
Language independent	WebObjects lets you develop in your choice of languages including Java. For rapid development and prototyping, use a scripting language, such as WebScript or Perl. For integrating with existing libraries, getting high performance, or writing reusable business objects, use C, C++, Objective-C, and Java.
Suite of development tools	WebObjects includes three development tools. WebObjects Builder controls the visual layout of the application and binds the HTML forms or browser applets to prebuilt objects on the server for database access and business logic. The Enterprise Object Modeler™ creates and brings database schema into the application environment. Project Builder™ organizes aspects of project development including code editing, compiling and debugging. Together, these tools support the creation and reuse of client and server based components to speed application development.
Open architecture	WebObjects is based on an open and flexible architecture, so you can integrate new scripting languages, page rendering technology, APIs, and so forth, into your existing solution as they emerge. WebObjects helps you protect your investment in the future—just as it does today by integrating existing Perl-based applications.
Two solutions	The WebObjects product line includes two products. WebObjects Pro for rapidly developing workgroup intranet or small internet applications with two-tier database access. WebObjects Enterprise for enterprise applications requiring scalability, performance, and improved maintainability. WebObjects Enterprise includes the power of WebObjects Pro, plus the multi-tier separation of user interface, custom business logic, and database access for maintainability, plus unlimited scalability, plus direct drivers for databases and HTTP servers. Pro applications can easily be upgraded to Enterprise when large-scale performance counts.

**WebObjects Pro,
WebObjects Enterprise**
Release 3.0

Supported Platforms
Windows NT, Solaris, HP-UX,
OPENSTEP Mach

Supported HTTP Servers:
Any HTTP server with CGI, ISAPI, or
NSAPI interface

Database Support
Oracle, Sybase, Informix, ODBC.
Mainframe support from third-party
solution providers

For additional information visit <http://www.next.com> or call 1-800-TRY-NeXT.
NeXT Software, Inc., 900 Chesapeake Drive, Redwood City, CA 94063 U.S.A.

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