IBM DB2 World Wide Web Connection

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Whether you run your business from a home office or a corporate high-rise, you, like thousands of other businesses large and small, want to do business on the Internet. You may have established a home page on the Internet World Wide Web, or you may plan to do so, and now you want a Web interface to your company's data. **IBM's DB2 World Wide Web Connection**, a member of the IBM Internet Connection Family of Products, gives you the ability to provide that data access and make your company's information available to your customers on the World Wide Web.

By using DB2 World Wide Web Connection with your current hypertext markup language (HTML) editor and SQL query tool, your application programmer can build applications that make it possible for any web browser to access your DB2 data with standard SQL statements.

Building Internet applications with the DB2 WWW Connection means that your World Wide Web clients can access your DB2 data without your having to make any changes to the data structure. Using the DB2 WWW Connection gateway eliminates the need to customize support for multiple, simultaneous clients. Any of the currently popular web browsers supporting HTML on OS/2*, UNIX**, Macintosh**, and Windows** platforms can access DB2 data through applications built with DB2 World Wide Web Connection.

Give your sales force and customers an Internet storefront: With DB2 on your web server and DB2 WWW Connection as your gateway, any client with a web browser can request product information from an online catalog.

Build a customer reference database: Use DB2 WWW Connection to build an application that captures key information, and then stores it in a DB2 database.

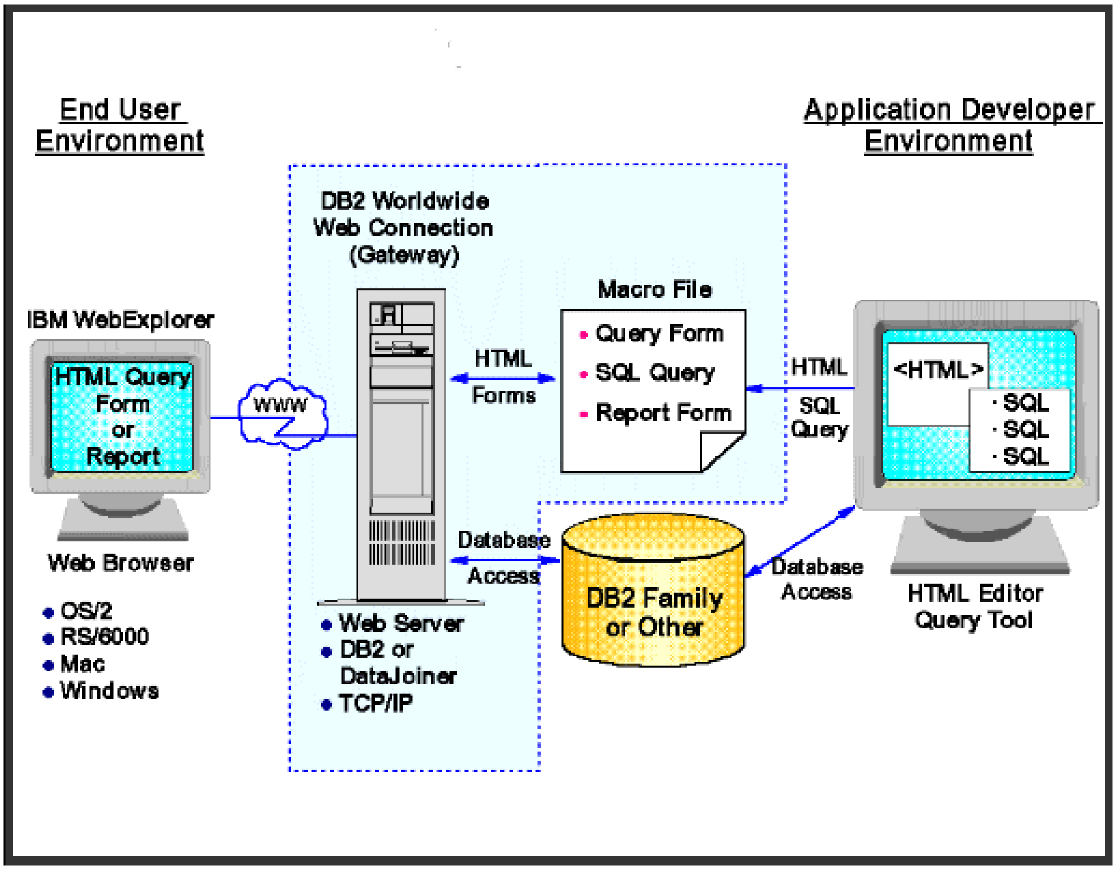
Conduct business in a secure environment: Rely on the combined security features of DB2 WWW Connection integrated with the Internet Connection Secure Server to deliver encrypted data.

Highlights

DB2 World Wide Web Connection, a Common Gateway Interface (CGI) gateway to DB2 data, gives you:

- An Internet client/server environment for businesses using both the World Wide Web and DB2.
- Internet application development with standard hypertext markup language (HTML) and SQL query tools.
- Access to data on the DB2 family of relational databases from any client using an HTML-conforming web browser.

- Access to data on Oracle and Sybase servers and in non-relational formats, using IBM's DataJoiner*.
- A Web interface to corporate data for marketing and for secure data delivery.
- Authenticated and secure access to corporate data, when used with IBM Internet Connection Secure Servers.
- IBM support and services.



Technology Features

DB2 World Wide Web Connection enables the development of Web applications that access DB2 databases, without the need for complex programming, data encapsulation, or database reformatting. It gives you a flexible yet powerful development environment that makes it easy for you to build HTML forms with fill-in fields that allow users to submit requests to a DB2 database. On the Web, the end user sees only the form requesting input and the report resulting from the query.

DB2 World Wide Web Connection uses native HTML and SQL languages, not a new hybrid language, thus allowing the application developer to use existing HTML editors and query tools to generate the SQL queries. Then the HTML forms and SQL queries are stored in macro files on the Web server. The DB2 WWW Connection runtime engine processes these macro files when the user requests access to data. DB2 WWW Connection provides variable substitution across HTML forms and SQL queries, enabling the application developer to use the full capabilities of HTML and of SQL.

In a two-tier client/server environment (local server with one or more clients), DB2 WWW Connection lets you build an application that can access DB2 for OS/2, AIX, or MVS/ESA data on your web server, including IBM's Internet Connection Servers and Secure Servers. In a three-tier environment (local server with one or more clients, plus access to remote servers), your new application can access DB2 data on the web server and work with existing applications to access the DB2 family and other data on servers connected to the web server with Distributed Database Connection Services (DDCS) or with DataJoiner*.

When you are ready to conduct business on the Internet, you will want the flexibility of applications built with DB2 WWW Connection combined with the secure environment offered by the IBM Internet Connection Secure Servers for OS/2 Warp* and AIX. Each supports the emerging S-HTTP and SSL standards, ensuring your requests and query results are encrypted for safe arrival at their destinations.

To Find Out More:

In the U.S., call 1-800-IBM-3333. Or, if you're ready to see how it works now, download evaluation code for DB2 World Wide Web Connection and try it for yourself.
