

**Maybe it's time
your legacy applications
and data stepped up
to the Web!**

DynaWEB

A DynArray Product Family

A Powerful Platform for Application Development and Deployment for the Internet Era

DynaWEB Product Family from DynArray is designed to offer the following capabilities:

- Provide users with easy access to terabytes of existing data and thousands of applications residing on mainframes by linking legacy applications and data to the Web.
- Provide developers with the tools to develop solutions and applications involving complex computations using algorithms written in array-based languages.

This family of products from DynArray Corporation consists of the following products:

DynaWEB Server

DynaWEB server is a general-purpose Web-to-legacy connectivity platform from DynArray. It provides access via the Internet and/or the corporate intranet to

applications and data residing on mainframes or Windows servers. DynaWeb server is available for IBM mainframes and Windows platforms.

DICE SDK

A software development kit for developing highly compute-intensive Web-enabled new applications or for converting existing legacy applications written in array-based languages such as APL into modern Windows applications. DICE also provides a run-time environment for deploying such applications on Windows platform.

DynaLink Connector

Connection software to provide ODBC links for DICE applications or IBM APL2 applications to various databases.

DynaCalc Xtender

A powerful package extending the functionality of standard spreadsheets by providing an interface to special algorithms running on DICE.

Key Benefits of DynaWEB Product Family

Protect Legacy Investments

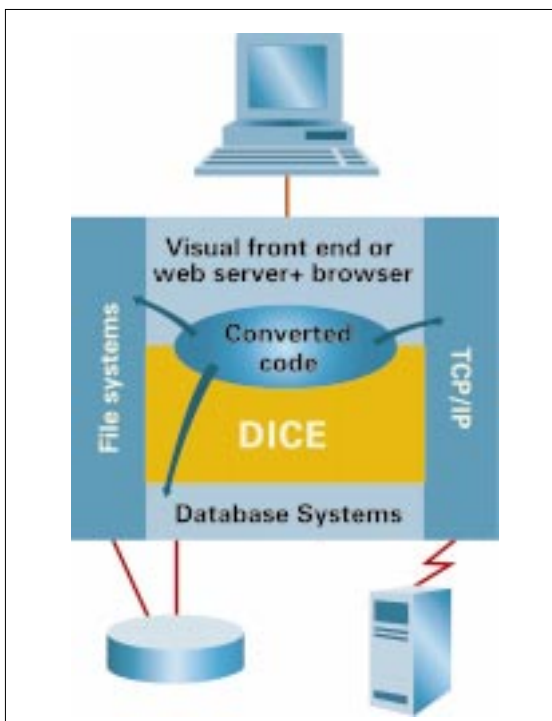
If your company is typical, you have invested hundreds of person years in software development and personnel training, a large fraction of that for IBM mainframe systems. We want to help you preserve that investment. DICE is an execution environment, which can run some of your most important programs on today's systems.

Ride the Internet Wave

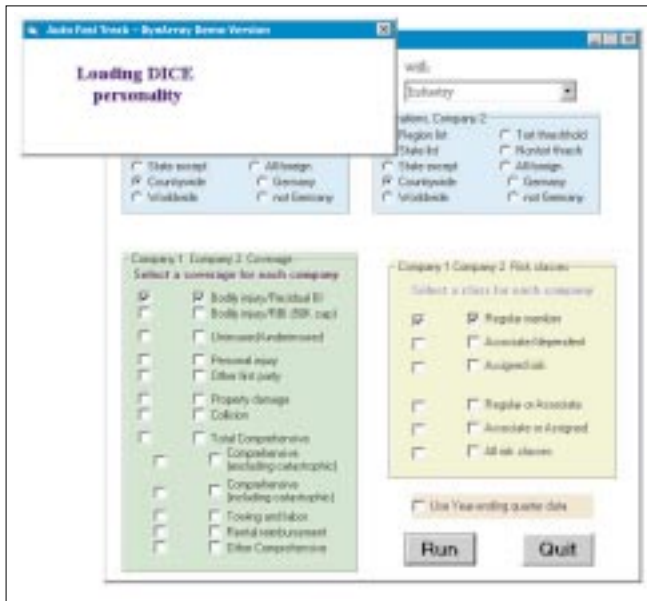
DynaWeb server and DICE permit much more than a simple compatibility environment. Your legacy applications can be extended simply to become powerful World Wide Web pages. Your users around the world see only the familiar browser interface, but under the covers you have hidden an engine much more powerful than Java, running time-tested algorithms that you do not have to reprogram.

Save Real Money

The experience of DynArray's major customers confirms the savings achieved by using DICE. The cost of converting to DICE and deploying DynaWEB server is a small fraction of the budgets required for rewriting the complex applications to take advantage of the Internet and PC technologies. The risk associated with DICE conversion



DICE™ SDK supports legacy code conversion into modern Web-based or client-server or stand-alone Windows applications.



Typical DICE application

is significantly lower than the risk in rewriting legacy applications.

Run Trusted Legacy Code

Business executives are often surprised to learn that key operations in the corporation are being controlled by programs written in array languages such as APL, a language that provides huge productivity gains for users. Tens of thousands of such programs are running on mainframes today. With DynaWeb Server they can continue to run there, but with a modern user interface, or with DICE they can easily be converted to run on midrange servers or individual PCs running as Windows applications.

Integrate New Solutions

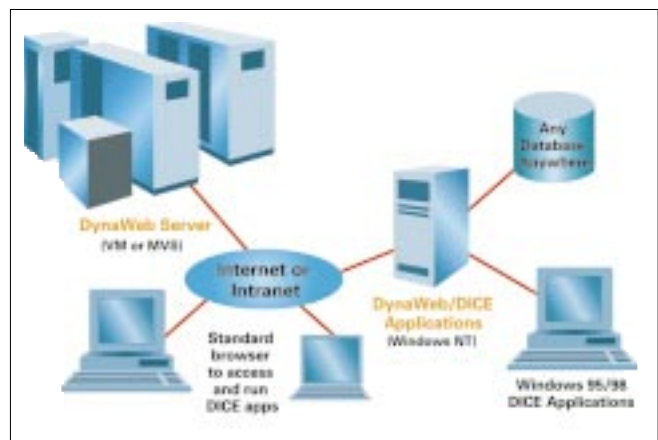
Array applications have traditionally been confined to specialized niches, but now DICE is changing this. You can directly call array algorithms from applications written in other languages or call service routines from your array-language programs. Under Windows, DICE uses simple DLL interface, giving applications access to the power of array computing for vast arrays of multidimensional data.

Deploy Code across Platforms

One of the great advantages of writing programs using DICE is portability. Unlike languages such as C, which claims somewhat falsely to be portable, DICE completely

avoids machine-dependent data types. DICE programs are defined at an algorithmic level rather than a detailed execution level. Because of this, an algorithm originally implemented on one system will continue to work, and provide the same results, on a completely different type of system. DICE maintains this consistency, accepting programs originally written to run on IBM mainframes (for example), and running them on servers or personal computers.

The result is a reduction in operating costs.



DICE applications can be deployed on a stand-alone PC or on DynaWeb Server running on IBM mainframe or Windows/NT platform.

System Requirements

- IBM-compatible PC with 486 or higher processor, 32meg memory, 7meg hard disk space.
- Operating Systems: Windows 95/98, Windows NT
- All IBM mainframes running MVS or VM with APL2 ver2

Benefits

- Protect investment in code and personnel
- Reduce risk in converting legacy code
- Save real money
- Web-enable applications and ride the internet
- Integrate legacy code into new solutions
- Run trusted existing code on platforms of choice
- Protect and extend your proprietary algorithms
- Enhance user interfaces and productivity
- Exploit multiprocessor systems transparently

Features

- Support for Windows95 and Windows NT
- IBM mainframe version available
- Easy-to-use DLL interface
- Generalized database access through ODBC
- Network access through TCP/IP
- Unicode enabled for multiple languages
- Rapid Application Development
- Personalities from DynArray

Customer Assistance

DynArray Corporation offers absolute commitment to assist customers in deploying its products and technology successfully to meet all of their requirements. This assistance is tailored to customer needs and includes legacy application conversion, application development and/or on-line application rental, consulting, training and maintenance support.

About DynArray Corporation

Based in Silicon Valley, DynArray Corporation provides enterprise solutions and application rentals to link legacy systems with the Web and the Internet. Its founders include people with extensive high-tech experience in both industry and academia. They include Dr. Syed Amir Bukhari, Chairman and CEO, formerly of the University of Manitoba; former Intel executive Riaz Haq, President and COO; Christopher Fultz, Executive Vice President and General Counsel; and Dr. James Brown, Deen Hamid, and Ray Trimble, all from IBM Santa Teresa Labs. Our products are currently being successfully used at major corporations including Allianz, AXA, BNP, GE Capital, New York Stock Exchange, 3M, Christian Dior, Club Med, California State Compensation Insurance Fund and others.



DynArray

Linking Legacy to the Web

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