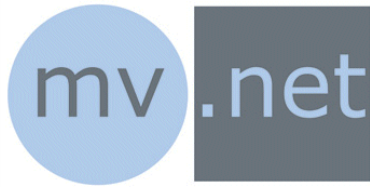


Bridging The Gap Between MULTIVALUE AND MICROSOFT .NET



mv.NET from BlueFinity International is a powerful and extensive toolset which enables MultiValue developers to harness the full power of both their MultiValue system and Microsoft's .NET application platform. Its unique set of features allows the developer to use the latest Microsoft technology while still leveraging all of the traditional benefits of MultiValue functionality. With support for all major MultiValue platforms, mv.NET is truly the essential tool for all MultiValue developers wishing to create .NET applications whether the need is to enhance current applications or to build completely new ones.

Architecture

The mv.NET product as a whole is divided into 3 discrete component sets:

Core Objects provides the underlying framework upon which all other mv.NET components are based. It also provides, in its own right, a wealth of end-user capabilities allowing the developer to rapidly create feature-rich, high performance applications using the powerful tools provided by Microsoft's .NET environment. Core Objects also provides rich, high-performance and scalable database connection management.

- Support for all MultiValue databases
- Dictionary-based access to all levels of nested data
- Automatic recalculation of virtual data
- A Class Library instantly familiar to the MultiValue developer
- Support for stateless applications
- Windows component/application invoking from DataBASIC
- Advanced "Fetch on Demand" data retrieval technology
- Complete Development from Visual Studio .NET
- Essential developer utilities
- Database event capturing in the .NET environment

Solution Objects builds upon mv.NET's Core Objects infrastructure to provide strongly-typed, class-based access to your MultiValue database via the generation of an advanced data abstraction layer. The code generated by Solution Objects can be fully customized as required by the developer and comes automatically with support for bi-directional Win and Web native .NET databinding. Solution Objects brings all the RAD benefits of faster time to market and easily supported code to the Visual Studio developer, with no requirement for MultiValue database knowledge.

- The generation of a strongly-typed access layer into the MV database
- Abstracts all database interaction into a Data Access Layer (DAL) and a Business Access Layer (BAL)
- Code generated based on current extended dictionary definitions and further "Entity Model" details
- Full support for bi-directional Win and Web databinding
- Support for multiple data sources, including SQL
- Fully nested-data aware
- Integral fetch-on-demand ("lazy" data loading) data access
- Stateless or Stateful connections
- Optimistic and Pessimistic locking
- MultiValue and Subvalue positional integrity
- Strong integration with backend database subroutine code

Adapter Objects supplies a full ADO.NET data provider implementation offering a standardized read/write interface to MultiValue databases. With optional SQL Select, Update, Insert and Delete command syntax support, it is ideal for non MultiValue aware programmers to quickly start work using the full capabilities of ADO.NET functionality.

- High performance data retrieval
- Advanced MultiValue/subvalue handling
- Fetch-on-demand retrieval for the mvDataReader
- SQL and MultiValuequery syntax
- Sophisticated MultiValue/subvalue data 'exploding'
- Typed DataSet generation
- Automatic maintenance of MultiValue/subvalue positions during update of normalized data
- Sophisticated session management
- Automated data dictionary usage
- Remote connectivity support
- Optimistic and pessimistic locking support

For more information

Both aspects of mv.NET — the MultiValue database access and the .NET integration — stand as world class technologies in their own right, but combined they provide a potent solution to the MultiValue developer, allowing them to progress their software application developments through this decade and into the next. For detailed list of features and benefits or to find out how to request a free thirty day evaluation, visit www.bluefinity.com.

