Rocket® Toolkit for .NET

.NET Capabilities for Access to the Powerful Rocket U2 Databases

Leverages the powerful Microsoft .NET Framework and CLR

Speeds development with U2 Database Add-ins for Visual Studio

Provides Connection Pooling Monitoring

Interfaces with Microsoft standards SSIS and SSRS

ADO.NET Compatible

Grab The Power

You need to build applications quickly that have the look and feel of the Microsoft .NET framework. Microsoft Visual Studio gives you a solid integrated development environment that is widely known, but how do you take advantage of it? U2 Toolkit for .NET (U2 Toolkit) comes in two flavors. U2 Toolkit for .NET Provider brings a free .NET data provider interface for Universe and UniData while U2 Toolkit for .NET Developer adds the ability to develop in Visual Studio. U2 Toolkit gives you the ability to utilize the latest in Microsoft development capability with your UniData® or UniVerse™ database. Your investment in your embedded business logic is protected while you exploit the power of .NET to extend the look, feel, and appeal of your applications for both 32-bit and 64-bit platforms. With U2 Toolkit, you can do more than just keep up with development trends - you can be a leader. Interested in developing to the new Windows 8 Interface? You can do that and still keep your business logic in place. Adding .NET to your toolbox gives you interfaces like SQL Server Integration Services (SSIS) and SQL Server Reporting Services (SSRS), allowing you to incorporate other tools that use this popular framework of standards.

All of Your .NET Needs in One Place - Keep It Simple

Sometimes, all you need is one simple interface. Other times, you need more. U2 Toolkit for .NET gives complete control.

U2 Toolkit for .NET Provider gives your .NET application the ability to connect to your U2 database, execute the commands of the application, and then delivers result sets and DataSets to your application. It is lightweight and highly performant, yet provides full functionality to the application developer.

U2 Toolkit for .NET Developer is a collection of features that integrate seamlessly into your Visual Studio development environment so that you can work with UniVerse's and UniData's objects such as tables, views and subroutines. They are designed to present a simple interface to U2 databases. For example, you can access and manage U2 Connections in Visual Studio Server Explorer, view server side object properties, retrieve and update data from tables and views, and Generate ADO .NET and EDM code using a drag-and-drop technique.

Extend Your Capabilities

If you've got data migration tasks to accomplish, SSIS is a powerful tool to help you. From providing you with a simple way to copy files to updating your data warehouse, SSIS gives you capabilities to take your application to a new level. It can also extract, transform, and load your data into or from your UniData or UniVerse database. U2 Add-ins for Visual Studio integration with SSIS is a valuable addition to your toolbox.

When you need to deliver new reports to your customers, SSRS can help you speed up that delivery. SSRS was built to help you rapidly create and deploy new reports.

Model Your Data

As developers are relieved of the need to understand the details of underlying data, they are freed to treat data as logical groupings (entities) and focus on business logic. Microsoft's Entity Data Model maps these entities to a physical UniData or UniVerse database, and allows the developer to manipulate this data at the entity level. Now you can take your development shop to a state-of-the-art conceptual

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level using declarative queries and execute updates over entities and entity relationships.

Peace of Mind

Having Rocket Software as your source for both your database and .NET tooling ensures you have the best of both worlds: the powerful UniData or UniVerse data server as your infrastructure, and the powerful, modern capabilities of U2 Toolkit as your development environment.

Reinforce Your Security Strategy

Keeping your data secure has never been more important. With U2 Toolkit, you can make use of Automatic Data Encryption in UniData and UniVerse to protect your data when it is stored. You can also use SSL data encryption to secure the integrity of your data and to provide secure authentication as information is being transmitted between systems.
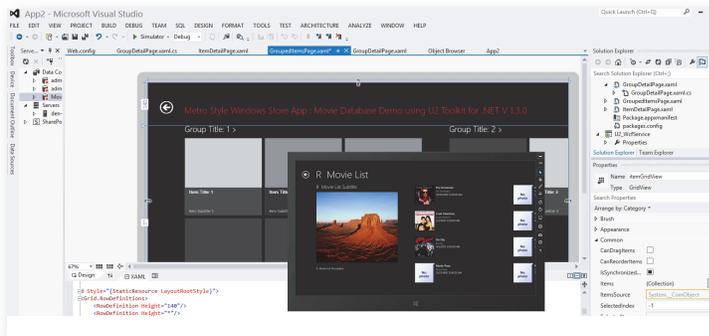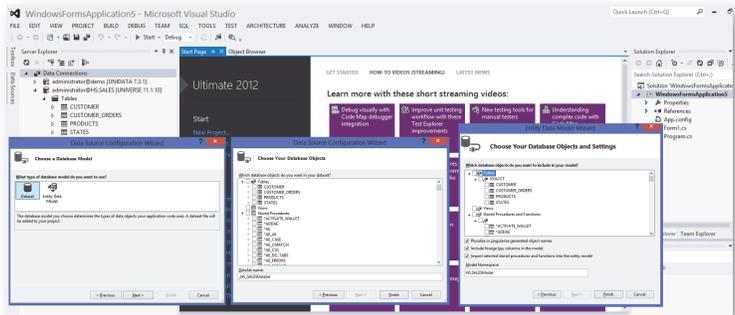
U2 Toolkit provides 100% managed code, which means that you won't have to rely on components outside the .NET managed environment. This allows your application to take full advantage of the security controls built into the .NET framework.

Performance is King

U2 Toolkit is tightly integrated to the Rocket U2 database servers to deliver maximum performance. This tight integration also assures you will able to take full advantage of the features in UniData and UniVerse that you've come to count on to deliver value and reliability to your customers.

VS2012's Server Explorer Support

U2 Toolkit seamlessly integrates with Visual Studio 2012. It supports both "Data Set Generation" and "Entity Data Model Generation."

Windows 8 Metro Style App Development

U2 Toolkit helps building Windows 8 Store App with C# and XAML.

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System Requirements

U2 Toolkit for .NET supports the following versions of Microsoft and Rocket U2 software. For more information see the Product Availability Matrix.

User features	❖ Microsoft®.NET Framework 4.0, 4.5	❖ ADO.NET Entity Framework 4.1 update 1, 5.0

Supported Environments	❖ Microsoft® Windows XP, 7, 2003, 2008, Windows 8, and Windows 2012 ❖ UniData® 7.1 and higher	❖ UniVerse™ 10.3 and higher ❖ Microsoft® Visual Studio 2010 SP1, 2012 Update 3