



What's New with U2 Toolkit for .NET (U2NETDK) v1.2?

Tom Loveless, Senior Sales Engineer

Webinar Opening Procedure

- Orange arrow = control GoTo Webinar control panel
- This webinar is being recorded and posted to our on-demand webinar archive
 - You will be notified via email once .pdf and video are posted
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- All attendees are muted during the presentation
- Brief Q&A session – after the presentation

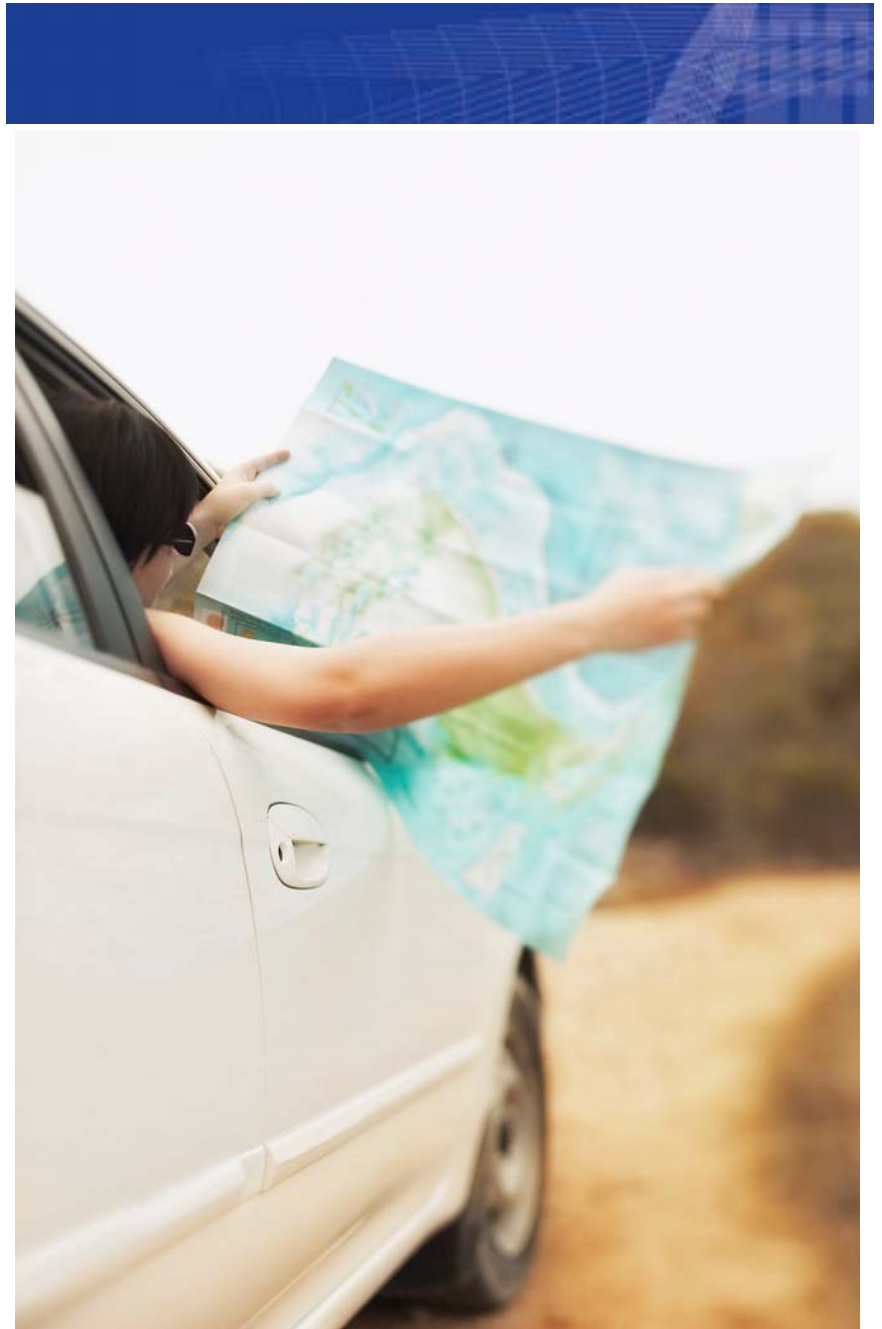
Tom Loveless' Bio



- Have worked with MultiValue databases since 1987 within various roles
 - Programmer
 - Managed Development
 - Managed QA
 - Managed Support
- Started with Unidata in 1997
- Currently a Sales Engineer for the Central US region

Our Agenda

- What is U2NETDK?
- What is in the Toolkit?
- What is available in U2NETDK v1.2?
- Product Roadmap
- Platforms
- Upgrading earlier UO.NET, IBM.NET apps
- Two Demos
- Where to get more info



What is U2 Toolkit for .NET (U2NETDK)?



- This product allows you to:
 - Access U2 data using the Microsoft .NET framework
 - Deliver beautiful GUI applications to your end users
 - Be supported on 32-bit and 64-bit Windows platforms
- Also, U2NETDK
 - Provides access to U2 data using .NET Framework and Entity Framework
 - Is available for 32-bit and 64-bit systems
 - Supports Windows XP/7/8 and Server 2003/2008/2012

Your Priority: Accelerate Development



- If you need to:
 - Accelerate your .NET development
 - Leverage Microsoft integration and report services
- U2 Toolkit for .NET
 - Provides Visual Studio add-ins
 - Integrates with Server Explorer
 - Generates Code-Behind
 - Leverages Entity Data Model
 - Provider integrates with Microsoft SSIS and SSRS



New Features with U2NETDK v1.2



All features are SQL access (ADO.NET)

- Server Add-ins for Visual Studio
- Code generation (CRUD: Create | Read | Update | Delete)
- DataSet Designer
- EDM Designer
- LINQ to Entity
- SSIS/SSRS





U2 Toolkit for .NET Roadmap

2013		
Version	1.2	1.3+
Development	<ul style="list-style-type: none">• Visual Studio Add-ins (SQL)• EDM Designer (SQL)• LINQ to Entity (SQL)• Code Generation – CRUD	<ul style="list-style-type: none">• Visual Studio Add-Ins (Native)• EDM Designer (Native)• LINQ to Entity (Native)
Standards	<ul style="list-style-type: none">• SSIS/SSRS (SQL)	<ul style="list-style-type: none">• SSIS/SSRS (Native)
Consumability		

Unconfirmed

These statements represent Rocket Software's current intentions. Rocket development plans are subject to change or withdrawal without further notice. Any reliance on these statements is at the relying party's sole risk and will not create any liability or obligation for Rocket.





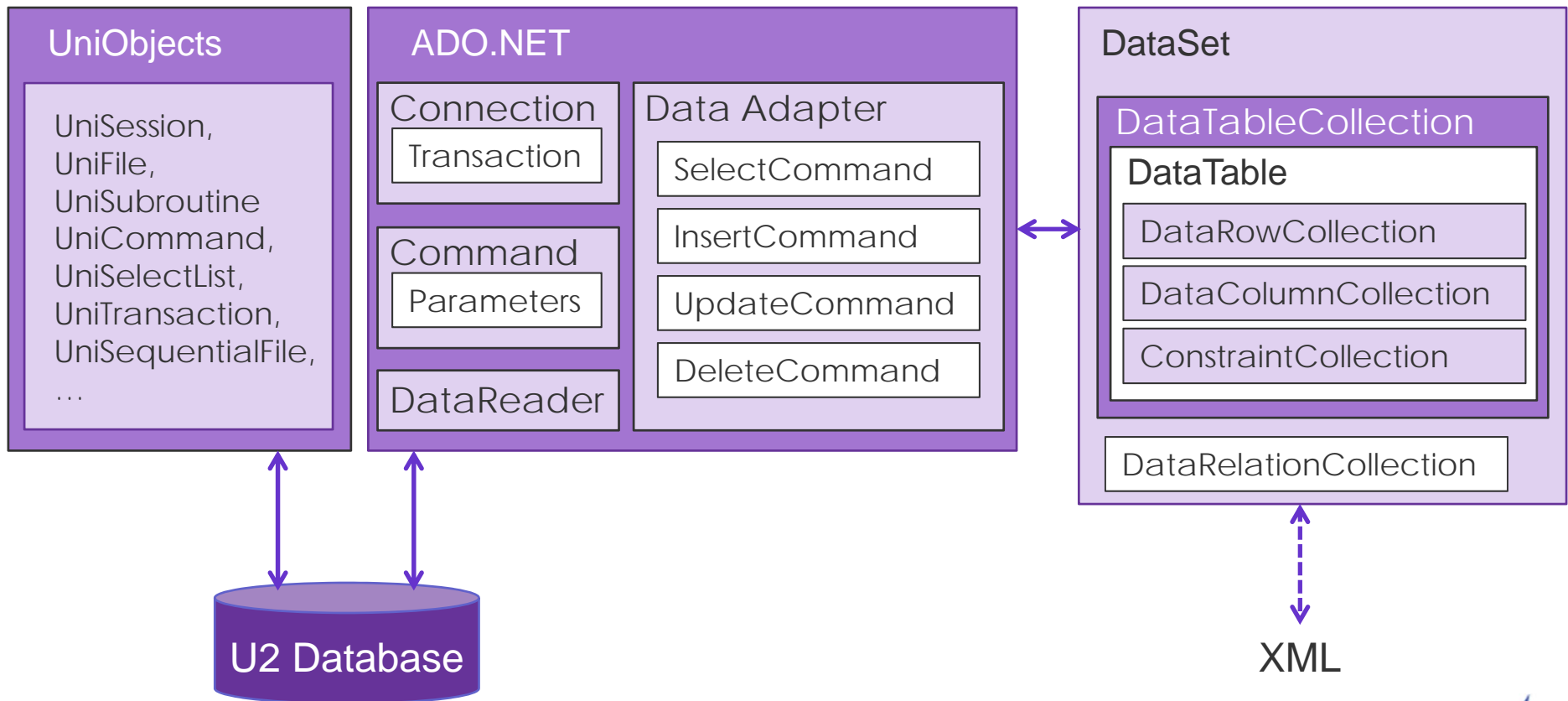
U2NETDK Platforms

- Current
 - Windows 8, 2012
 - .NET Framework 4.0
 - ADO.NET Entity Framework 4.1
 - Visual Studio 2010
 - UniData 7.1 or later
 - UniVerse 10.3 or later
- Coming
 - .NET Framework 4.5
 - Visual Studio 2012





U2NETDK Architecture





Moving from IBM.NET

Existing Namespace	New Namespace
IBM.Data.DB2	U2.Data.Client
IBM.Data.DB2Types	U2.Data.ClientTypes

Existing Classes	New Classes
DB2Connection	U2Connection
DB2DataReader	U2DataReader
DB2DataAdapter	U2DataAdapter
DB2Parameter	U2Parameter
DB2Transaction	U2Transaction
DB2comandBuilder	U2CommandBuilder
DB2Command	U2Command



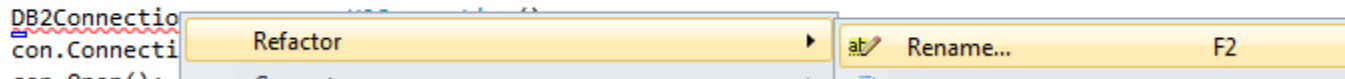
Moving from UniObjects for .NET

Existing Namespace	New Namespace
IBMU2.UODOTNET	U2.Data.Client.UO

Existing Classes	New Classes
UniObjects	U2Connection

Example: Refactoring in Visual Studio 2010

```
string s = GetU2ConnectionString("localhostHSSALESConnectionStringForUO");
```





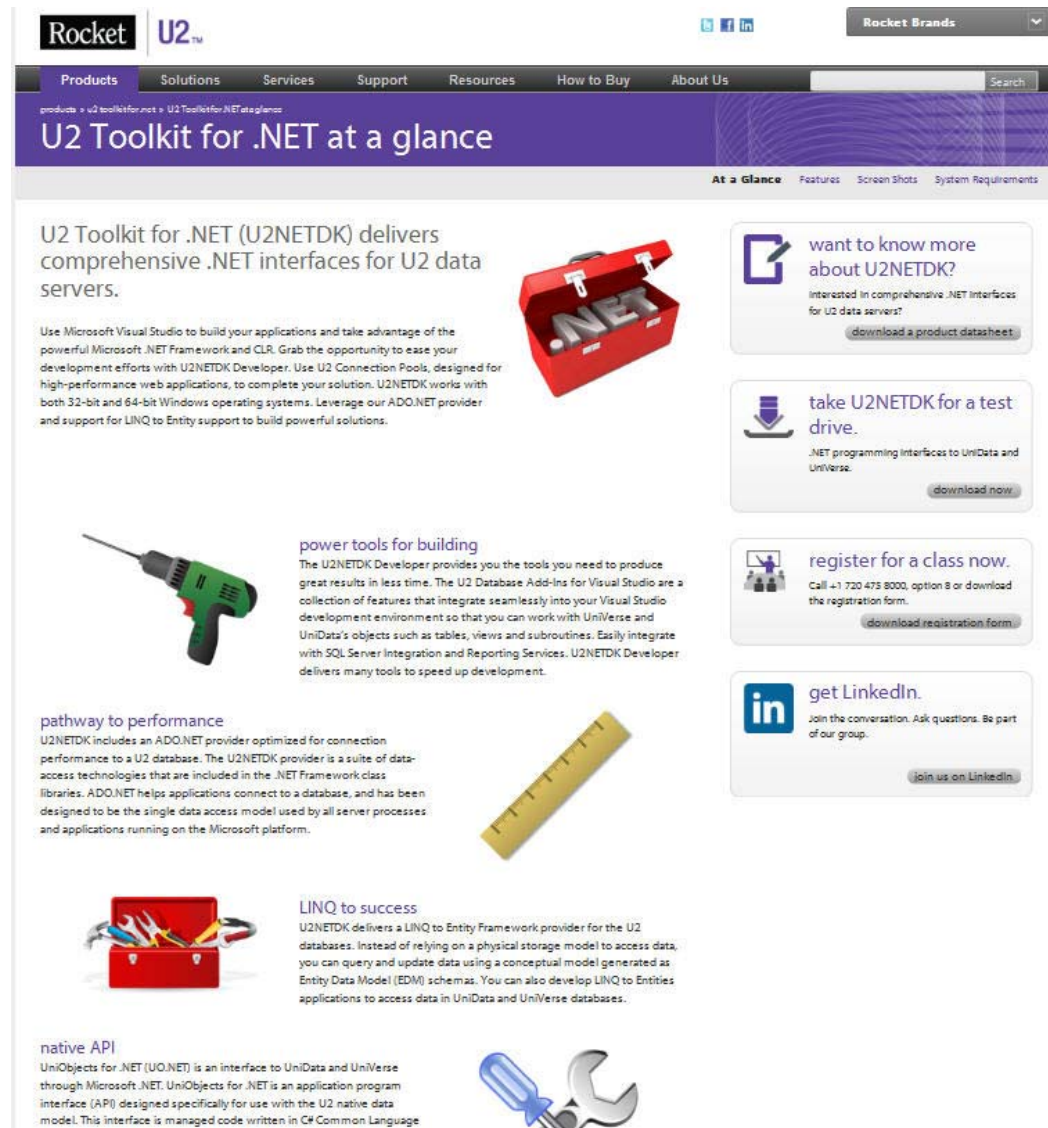
Two Demos

- Visual Studio Assistance
- SSIS



<http://u2.rocketsoftware.com/products/u2-toolkit-for-.net/at-a-glance>

For More
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U2NETDK –
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The screenshot shows the 'U2 Toolkit for .NET at a glance' page on the Rocket Software website. The page features a navigation bar with 'Products', 'Solutions', 'Services', 'Support', 'Resources', 'How to Buy', and 'About Us'. The main content area is divided into several sections, each with a title, a brief description, and an icon. The sections are: 'U2 Toolkit for .NET (U2NETDK) delivers comprehensive .NET interfaces for U2 data servers.' (with a red toolbox icon), 'power tools for building' (with a green and black power drill icon), 'pathway to performance' (with a yellow ruler icon), 'LINQ to success' (with a red toolbox icon), and 'native API' (with a blue screwdriver and silver wrench icon). On the right side, there are four call-to-action boxes: 'want to know more about U2NETDK?', 'take U2NETDK for a test drive.', 'register for a class now.', and 'get LinkedIn.'. The Rocket Software logo is visible in the top left corner of the page.



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You can read our technical documentation to learn more about U2 products, to see how they work, and to find answers to any questions you might have. You can view individual PDFs online, or you can download a searchable version of each product's documentation set by clicking the Zip option.

product		delivery	
Servers	UniData v7.3	Online	Zip
	UniData v7.2	Online	Zip
	UniVerse v11.1	Online	Zip
	UniVerse v10.3	Online	Zip
U2 DBTools	Basic Developer Toolkit (BDT) Help		Zip
	U2 Extensible Administration Tool (XAdmin) Help		Zip
	U2 RESTful Web Services	Online	
	U2 Metadata Manager (U2 MDM) Help		Zip
Tools	CorVu NG 2.2 (Available on Rocket Customer Portal)	RCP	
	U2 DataVu V2.0	Online	Zip
	U2 DataVu V1.1	Online	Zip
	U2 Toolkit for .NET Help V1.2.0	Online	Zip
	U2 Toolkit for .NET Help V1.1.1		Zip

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+44 (0) 20 8867 3692
Contact technical support u2support@rocketsoftware.com

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To Obtain Provider Software –

take it for a test drive.

Download personal editions of UniData, UniVerse, SB/XA and U2 Web DE, or the free U2 Clients and DBTools products. There's even a trial version of wIntegrate!

Name	Version	Type	Expires	Download Size	Operating System
Database					
UniData	7.3.3	PE	31Jul14	51 MB	Windows
UniData	7.3.3	PE	31Jul14	100 MB	Linux
UniVerse	11.1.9	PE	31Dec13	30 MB	Windows
UniVerse	11.1.9	PE	31Dec13	152 MB	Linux
U2 Clients and DBTools					
U2 Clients Supports UniData 7.3, 7.2, 7.1, UniVerse 11.1 and 10.3	Nov2012	Free	N/A	244 MB	Windows
U2 DBTools Supports UniData 7.3, 7.2, 7.1, UniVerse 11.1 and 10.3	Nov2012	Free	N/A	474 MB	Windows
U2 Toolkit for .NET Supports UniData 7.3, 7.2, 7.1, UniVerse 11.1 and 10.3	1.2	Free	N/A	63 MB	Windows
UniAdmin (Deprecated, use XAdmin in U2 DBTools) Supports UniData 7.3, 7.2, 7.1, UniVerse 11.1 and 10.3	1.4.2	Free	N/A	52 MB	Windows

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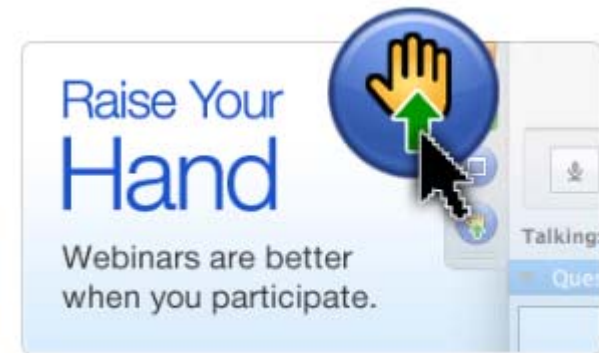


Question and Answer Session



To ask a question:

- Click on hand icon with green arrow and we will call your name. We will unmute you so that you can ask your question.



Or you may email us your question later at:

U2@rocketsoftware.com

Please don't forget to answer our short survey upon exiting the webinar! Thank you.





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Thank you!

