Kourier Integrator

INTEGRATION | AUTOMATION

The Kourier Integrator Advantage...

Kore Technologies' signature product line, Kourier Integrator, was the first of its kind for companies on the IBM U2 database (UniData/UniVerse). Kourier Integrator is designed to enable system integration and business automation. It can help you restore the value of your MultiValue enterprise application (such as a Manufacturing, Distribution, or Financial system) through business-to-business connectivity and best-in-class product integration.

Many companies are implementing stand-alone software applications to improve specific areas of the business. However, these applications are either loosely integrated or not at all, creating *islands of automation*. With Kourier Integrator these applications can function as though they were an integral part of your enterprise application, ensuring data consistency while eliminating costly and redundant data entry. Kourier Integrator was written specifically for the IBM U2 database, and allows your enterprise application to connect and exchange data with virtually any computer in the world.

For a fraction of the time and cost it would take to implement or develop a new system with similar capabilities, you can extend the functionality and life of your MultiValue application using Kourier Integrator to connect and exchange data with other best-in-class solutions such as:

- Microsoft SQL Server Data Warehouse
- Decision Support and Business Intelligence
- e-Commerce Web Storefronts
- Information and Marketplace Portals
- Enterprise Applications on Disparate Databases
- Sales Force Automation
- Customer Relationship Management
- Help Desk and Customer Support
- Electronic Data Interchange
- Factory Data Collection, and more...

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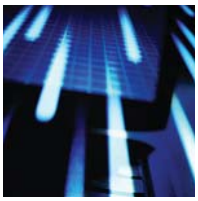

Enterprise Integration

Kourier Integrator is designed for the enterprise, providing both Enterprise Application Integration (EAI) and Extract, Transform, and Load (ETL) capabilities. The message-based architecture guarantees successful delivery of data while the services framework enables connecting disparate systems, provides scalability, and allows it to be adapted to almost any database environment. With specific platform adapters business-to-business connectivity solutions can be even more robust and versatile.

Feature Overview

- Easy to use, thin client Web interface
- Template-based, dictionary-driven data exports
- Compatible with any IBM U2 Application
- Data export facility supports many standard formats
- Flexible data import capability via defined API
- Automated data integration with Microsoft SQL Server
- Normalizes MultiValue and SubValue data automatically
- Net change tracking for fast and efficient database updates
- Native U2 database access eliminates ODBC overhead
- Message-based architecture for reliable transaction delivery
- Comprehensive event log and exception management
- Event-based e-mail notification with user-defined templates
- Recurring service definition and scheduling

Powerful Data Export Facility

Data exports are created using a simple Web interface. Export definitions are template-based and dictionary-driven, so programming is not required. Data can be exported in many standard formats including: XML, tab-delimited, fixed-length, pipe, and HTML. Data can be transformed and manipulated using eXtensible Stylesheet Language Transformation (XSLT). MultiValue and SubValue data is automatically normalized, for compatibility with other systems. Database net change tracking provides a significant performance increase because *only* new or modified records are selected for export. Net change tracking is performed at the database operating system level, ensuring that all data changes are tracked, regardless of source or method.

Data Import Capability

Importing data into MultiValue systems is accomplished via your application's native API (Application Programming Interface) or a custom API. Imported data can retrieved using multiple protocols and can be in many data formats. Data transformation can be applied using XSLT or a custom filter routine. Import exceptions and integrated with the Event Log for full traceability and management.

Microsoft SQL Server Database Integration

The optional SQL Accelerator component is ideal for building an enterprise data warehouse or application integration. It enables seamless integration between IBM U2 and Microsoft SQL Server databases by automatically generating packages for SQL Server Integration Services (SSIS) or Data Transformation Services (DTS). The packages follow Microsoft best practices and automatically map U2 dictionaries to SQL Server columns, manage database rule validation, exception handling, and e-mail notification.

Data Transport

Kourier supports several inbound and outbound data transport protocols. For Internet-based applications, the HTTP or HTTPS (Secure) protocols can be leveraged. E-mail messages can use the SMTP (outbound) or POP3 (inbound) protocols. File-based applications can use FTP, O/S directory, or native IBM U2 hashed file protocols.

Event Log and Exception Management

The comprehensive integrated Event Log captures all inbound or outbound messages, providing complete traceability of all events and errors. Multiple levels of detail and reporting (e.g., trace, debug, information, warnings, or errors) allow the user to filter unwanted information and manage by exception. Event-based messages can be defined for each service giving the user complete control as to when e-mail notifications are sent and which e-mail template to use for content and routing.

E-Mail Notification Templates

Build custom messages, notifications, and alerts that contain dynamic content using e-mail templates–without programming. A powerful text substitution processor that supports tags, constants, variables, and an API gives you great flexibility and control when creating messages. Text and HTML e-mail with attachments are supported.

Business Automation

Automate your business processes using the independent scheduling agent. Easily schedule data exports or another process (e.g., SQL Server database import) to run any day of the week at any time, or create recurring run cycles during the day as frequently as you would like (e.g., hours, minutes, or, seconds) for near real-time updates.

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