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Integrating the Interconnected World™

Data Junction's djCosmos Transaction-Oriented Integration

djCosmos, the latest umbrella of cost-effective IT data integration products from Data Junction, provides infinitely configurable engines for specific tasks. Programmers and developers can now actively match integration solutions to their specific instances of integration need.

Integration Engines

Integration Engines are lightweight, powerful integration process execution engines that can be embedded in applications or deployed throughout a distributed extended enterprise. Working independently of a centralized repository and the design environment, an Integration Engine's unique decoupled design allows the actual integration to occur anywhere. Integration Engines feature enhanced functionality and integration technology in a single tool, enabling one to connect to more things in more ways, without sacrificing tremendous throughput speed and multithreaded processing. Designed for performance, scalability and cross-platform production environments, the Integration Engine's small footprint allows it to run on Windows laptops and is robust enough to scale for execution on large multiprocessor Unix servers. Multiple enhancements and added functionality strengthen the Integration Engine for lights-out operation in heavy volume, real-time integrated environments.

Features

Integration Engine is event-driven for real-time processing in message-based integration. It scales on SMP servers for processing expanding data volumes and user demand and is compatible with Windows, Solaris, HP-UX, AIX, and Linux platforms. In addition, Java, COM, and C APIs wrappers make the Integration Engine the most embeddable solu-



tion for third-party use. The cross-functional design of the Integration Engine eliminates the cost of investing in numerous technologies to solve multiple problems. Its open API, including a new XML-based execution instruction package, makes the Integration Engine the most embeddable transformation engine available today. Other benefits are total cross-platform capability, automated parallel processing for better performance, and the ability to be used as a Web-based Active Server Page.


Integration Architect

Data Junction's Integration Architect is the most comprehensive integrated development environment for distributed integration solutions. Enabling robust, flexible asynchronous integration, Integration Architect has the tools to connect virtually any source to any target. With the enhanced functionality and connectivity, developers will benefit from reduced training and development costs, increased productivity, and increased access to smaller systems, applications, and partners.

Features

Tools available within Integration Architect are: Repository Explorer, Process Designer, Map Designer, Structured Schema Designer, Document

Schema Designer, Extract Schema Designer and GoPeep!, an integrated live source/target data viewer. Integration Architect's Repository Explorer provides a consolidated view of processes and manages the repository contents created by design tools. These capabilities can be executed across multiple repositories. The Process Designer has an intuitive interface used for complex integration process designs. Using simple flow-chart symbols to link steps together in a single, automated integration project, developers and programmers gain enormous efficiency. With a visually appealing user interface, new Wizards for increased simplicity and functionality, Map Designer features XML-based underpinnings that allow Integration Architect substantially more reuse by separating Map objects into discrete objects of smaller granularity. The Schema Designers create metadata for integration processes so that those processes can integrate all types of data from both unstructured and structured data sets and provide a visual interface for designing record layouts of source and target data. The Document Schema Designer provides an easy-to-use graphical display for the definition of trading standards and other e-doc-specific information. The Extract Schema Designer integrates unstructured text data into business processes and is the only alternative for manually coding scripts. The final feature, the GoPeep! data browser, allows the inspection of any application file or URL in an easy-to-use record and field format.

Integration Engines and Integration Architect, products under djCosmos, are available from Data Junction Corp., 2201 Northland Drive, Austin, TX 78756. Voice: 512-459-1308 or 800-580-4411 (toll free); Fax: 512.459.1309; Website: www.data-junction.com. 

— Ellen J. Silverman