

Radically Simplify™ IT Operations

Tidal™ Enterprise Adapter for Microsoft SQL Server™ DB

Key Benefits

- Leverages your Microsoft investment to create a comprehensive business automation solution
- Links MS SQL Server with other platforms and business applications, allowing unlimited dependencies and broader, integrated workflows
- Consolidates the automation of MS SQL Server jobs with other scheduling needs through a single console
- Manages training and operational support staff through one application automation environment
- Delivers richer, more advanced automation and management functions, as well as greater efficiency and productivity

If your business requires an enterprise-wide, heterogeneous automation solution that supports mission-critical MS SQL 2000 and 2005 databases, Tidal™ Enterprise Scheduler Adapter for MS SQL is the right choice. This powerful combination brings the reliability and flexibility of Tidal Software™'s world-class enterprise automation and management solution to this leading database platform. At last, you can maximize throughput and minimize the time consumed by MS SQL jobs whether maintenance-related or driven from within MS SQL or other parts of your enterprise.

Tidal Enterprise Scheduler Adapter for Microsoft SQL enables you to automate scheduling of SQL jobs, whether they are new or existing database jobs. Your MS SQL jobs can now be part of larger business process workflows managed from a single console. Dependencies within workflows can now encompass events across the enterprise or outside it. In addition, users can quickly and easily pass variables to and from MS SQL jobs. As a result, your company's application automation and management activities can be consolidated under one solution, reducing unnecessary effort, and expense while increasing staff productivity.

How Tidal Enterprise Scheduler Adapter for MS SQL Works

The Enterprise Scheduler Adapter for MS SQL offers options that meet your special requirements—without requiring scripting, manual intervention, or changes to your MS SQL database and configuration parameters. Once the Adapter is configured, you can define and maintain the details of MS SQL jobs and schedule tasks from within Tidal Enterprise Scheduler. Enterprise Scheduler can also launch and monitor jobs already defined in MS SQL. This heterogeneous automation solution

provides detailed control of MS SQL jobs through extensive alerts about job abnormalities, resource availability, or machine functioning. It also provides real-time status information from a single console; load balancing; and the ability to interact with current and future jobs.

Defining and Running MS SQL Jobs

Tidal Enterprise Scheduler offers flexibility in defining and running MS SQL database jobs. You can specify T-SQL statements directly in the job definition panel of its console, or alternatively, you can run DBMS jobs by selecting from those that have already been defined under the SQL server agent, including DMO and DTS jobs. In addition, Enterprise Scheduler offers different options for displaying job output, including aligned columns and XML options.

Enterprise Scheduler also makes it possible to run a set of SQL statements against your data, allowing you to select specific data or modify data prior to executing a job..

Defining and Running MS SQL Database Events

Tidal Enterprise Scheduler Adapter for MS SQL simplifies processing database events and does not require the use of database triggers. MS SQL database events include the ability to capture and respond to activities such as table modification, index creation, or database row activity. The complete range of Enterprise Scheduler functions also enables any database

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Highlights

- Support for cross-application and cross-platform job dependencies
- Single point-of-control for enterprise-wide job scheduling
- Seamless integration with MS SQL 2000 and 2005
- Simple point-and-click selection of job variables
- Flexible job scheduling that eliminates scripting
- Industry-leading functionality that supports exception-based management, comprehensive alerts, role-based security, and a graphically-rich management console

event to drive the workflow that transforms your business processes into administrative action—efficiently and automatically.

Through the Enterprise Scheduler Event Activity folder, you can view all current database events, enabling you to create and support event-based job dependencies quickly and efficiently. You can also easily pass variables from Enterprise Scheduler to an MS SQL database job, making it possible to rapidly initiate an MS SQL job based on an external event such as the arrival of a file from a trading partner.

Tidal Enterprise Scheduler with the Adapter for MS SQL ensures that you can deliver maximum throughput, minimum processing time, and rock-solid reliability for your Microsoft-centric workload. This powerful duo accomplishes these objectives by providing a single integrated enterprise job scheduler that balances the service requirements of all your batch workloads whether they were created from within MS SQL or exist in support of other applications and technologies within your business.

Key Features

- Creates, schedules, and runs T-SQL queries and SQL Agent jobs
- Monitors events within MS SQL without requiring database triggers
- Supports MS SQL 2000 and 2005
- Allows MS SQL job creation directly from the Tidal Enterprise Scheduler console
- Schedules or imports existing MS SQL jobs
- Defines MS SQL jobs and run them across multiple MS SQL Databases
- Provides a single point of maintenance for MS-SQL jobs
- Supports job group inheritance
- Allows the direct inclusion of T-SQL statements
- Supports database jobs that include steps of various database tasks, including ActiveX scripts, OS Commands, and T-SQL
- Enables users to view job output and override job run parameter values directly from the Tidal Enterprise Scheduler console
- Utilizes advanced job controls to hold, abort, rerun, delete, and restart jobs at any step in the process
- Monitors Table Create, Modify, and Melete; Index Create, Modify, and Delete; Row Add, Modify, and Delete
- Automates execution of MS SQL jobs
- Creates a pre-processor step for any MS SQL job that supports passing parameter values, such as selection criteria, to the job before running it
- Launches MS SQL jobs based on an external event such as the arrival of a file
- Generates output of MS SQL T-SQL queries in XML and other formats without additional coding
- Allows online access to job output without the need to create an intermediary file
- Utilizes Tidal Enterprise Scheduler, MS SQL, and outside events
- Supports multiple MS SQL databases from a single adapter
- Creates a user-defined, filtered, real-time Windows® Explorer-style view of past, present, and future MS SQL jobs
- Notifies users automatically of MS SQL processing, machine, and job status problems
- Offers complete Tidal Enterprise Scheduler calendaring features with richer and more extensive options than those offered by native tools
- Captures and displays error messages, providing information and logging from Tidal Enterprise Scheduler functions
- Offers script-free design, industry-leading ease of use, and unparalleled scalability

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