

GS ETLRunner

Simplify and manage your ETL complexity

GS ETLRunner is the first management and scheduling tool specifically designed for Data Warehouse (DW) projects. GS ETLRunner transforms the complex tasks of data extraction, transformation and loading into a series of simple operations.

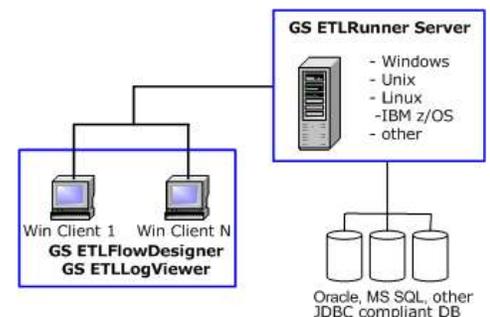
- Do you have a Data Warehouse (DW) or Business Intelligence (BI) environment that combines various tools ETL (extract, transformation and loading), OLAP (online analytical processing), RDBMS (relational database management system), custom applications and scripts?
- Can you use them all together to maximize their strengths and minimize their weaknesses?
- Do you run multiple operating systems?
- Can you create conditional dependency flow between tasks and schedule their exact time of execution based on different calendars?
- Does your current notification include precise statistics for every step in the ETL or an easy-to-analyze failure cause?

Optimal workflow and ETL integration

GS ETLRunner transforms data extraction, transformation and loading into a series of simple operations. GS ETLRunner is not an ETL application it is an ETL integrator. GS ETLRunner coordinates all ETL elements:

- Creates and validates the optimal workflow of your ETL operations
- Automatically runs your batch ETL operations
- Provides email notifications and reports on ETL runs
- Provides detailed, real-time log monitoring
- Source and target databases
- OLAP databases
- Servers and operating systems
- Third-party ETL applications
- Scripts
- Schedules and monitors

GS ETLRunner's advanced architecture and powerful features reduce the cost of building, managing, using, and maintaining your DW and BI applications.



Download a fully functional trial version

of GS ETLRunner at www.gsapps.com/products/etlrunner

Why choose GS ETLRunner?

Integrates heterogeneous tools

Using different DW tools to mitigate insufficient functionality or limited flexibility can complicate overall DW architecture.

GS ETLRunner manages various DW applications on different platforms.

Manages your custom ETL

ETL is still often done using custom code. GS ETLRunner allows modularizing custom code and control over code execution and monitoring.

Gains precise control

GS ETLRunner monitors and visualizes each atomic task (step) of the overall DW run-time architecture, allowing you to identify and optimize your process bottleneck.

Architecture Overview

The components of ETLRunner are the following:

- GS ETLRunner Server
- GS ETLFlowDesigner
- GS ETLLogViewer

These easily-deployable and scalable components allow GS ETLRunner to support cross-platform and multi-threaded processing.

GS ETLRunner Server

GS ETLRunner Server performs the following:

- Executes scheduled tasks
- Runs ETL actions
- Populates logs
- Calculates statistics
- Sends notification

GS ETLFlowDesigner

GS ETLFlowDesigner is a graphical component that allows you to perform the following:

- Build your workflow
- Specify application and logging options
- Specify database, utility and notification properties
- Add and schedule actions and build their dependencies

GS ETLLogViewer

GS ETLLogViewer allows you to perform the following:

- Provide monitoring and ETL scheduling functionality for multiple servers
- Assemble a detailed log of critical run items
- Schedule your ETL and other tasks based on specific time intervals or calendars

GS ETLRunner components

- GS ETLRunner Server - runs on Windows NT4/SP6, 2000, XP, 2003; Unix; Linux; IBM z/OS
- GS ETLFlowDesigner - runs on Windows NT4/SP6, 2000, XP, 2003
- GS ETLLogViewer - runs on Windows NT4/SP6, 2000, XP, 2003

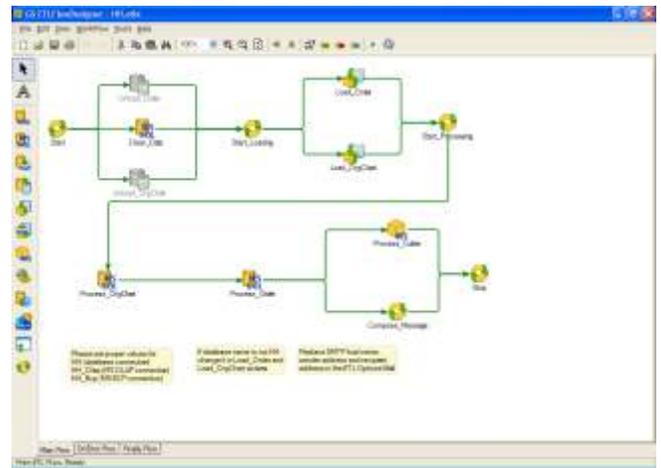
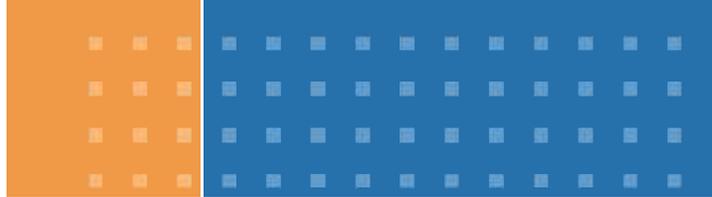
Software and hardware requirements

GS ETLFlowDesigner and GS ETLLogViewer require:

- Windows NT4/SP6, 2000, XP or 2003
- NET Framework 1.1 (included into the setup package)
- CPU Pentium II 300MHz
- 128 MB RAM
- Screen with 800x600 resolution (1024x768 highly recommended)
- Microsoft mouse or compatible pointing device

GS ETLRunner Server requires:

- Any platform where Sun Java Development Kit (JDK) 1.4.1 is available (Sun J2SE 1.4.1_01 is included into the Windows installation version). Application has been tested on an Intel platform with Windows 2000, XP, 2003; and RedHat Linux 7.2 and 9.0.
- Any RDBMS with JDBC driver available (for logging purposes). Application has been tested with Oracle 8.1.6, 8.1.7, 9.0.1; Microsoft SQL Server 2000; and IBM DB2 UDB 7.2 and 8.1.
- 128 MB RAM



ID	Name	Time Start	Time End	Duration	Success	Reverted	Err
07	Start	9/10/2003 7:25:00 PM	9/10/2003 7:25:14 PM	1 sec	Yes		
08	Load_Cat	9/10/2003 7:25:14 PM	9/10/2003 7:25:42 PM	28 sec	Yes		
09	Load_LogCat	9/10/2003 7:25:42 PM	9/10/2003 7:25:48 PM	6 sec	Yes		
10	Process_Cat	9/10/2003 7:25:48 PM	9/10/2003 7:26:00 PM	12 sec	Yes		
11	Process_LogCat	9/10/2003 7:26:00 PM	9/10/2003 7:26:06 PM	6 sec	Yes		
12	Commit	9/10/2003 7:26:06 PM	9/10/2003 7:26:06 PM	0 sec	Yes		
13	End	9/10/2003 7:26:06 PM	9/10/2003 7:26:06 PM	0 sec	Yes		

Features summary

- Database connectivity to all JDBC-compliant databases
- Distributed architecture
- Multi-platform server
- Multi-threading processing
- Pre-built action types
- MS OLAP database support
- Graphical flow designer
- Conditional dependency execution
- SQL and Java BeanShell script support
- Structured exceptions handling
- “Smart” restart on failure
- Transaction logging
- Alert notifications
- Audit trail/log viewer monitoring different databases
- Create and send customized emails
- Batch and actions (jobs) scheduling in any time intervals
- Business calendar support
- Access to the server via LAN or Internet

Technical Support

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