Informatica PowerCenter Data Validation Option

Benefits

- Ensure data’s accuracy and trustworthiness
- Reduce data testing and validation time and resources by 50 to 90 percent
- Make business decisions knowing that production systems are accurate

Execute Comprehensive Data Validation Testing with Less Risk

Any time data is moved or transformed, your IT team runs the risk of introducing bad data and errors—move errors, transformation errors, or operational errors. Validating data by traditional methods is prone to errors, as well as being cumbersome and time consuming.

The Informatica® PowerCenter® Data Validation Option reduces the time required for data validation and production data auditing and verification by up to 90 percent—with no programming skills required. This option provides complete and effective data validation and testing—without having to write complicated, error-prone SQL statements or use Excel spreadsheets.

With the Data Validation Option, business analysts and developers can quickly and easily create rules that test the data being transformed during the data integration process. This option provides a reliable and independent method to verify that moves and transformations have not compromised the integrity of your data. This is particularly important when updating production environments where critical business decisions can be negatively impacted by bad data. This means that you can make business decisions based on trusted data.

The option includes a repository with reporting capabilities to provide a complete audit trail of all tests and their results. This is a critical component of data governance and regulatory compliance programs.

The Data Validation Option’s easy-to-use GUI includes prebuilt operators—no programming skills are needed to create validation tests.
Key Features

Robust Data Validation Environment
The Data Validation Option’s intuitive user interface enables developers to test and validate data without having to write SQL code. From a single environment, developers can perform same-to-same data validation (e.g., application upgrade); same-to-transformed data validation (e.g., before and after an ETL move/ transformation); and production data validation testing (e.g., nightly updates of applications and data warehouses).

Packaged Testing Rules and Complete Expressions Library
A GUI with prebuilt testing rules and a full library of expressions improve productivity. No programming skills are required. More testing can be done in less time and with fewer resources, so you can test 100 percent of your data.

Support for Production Validation Testing
Data is validated or reconciled as it is moved or transformed in periodic production system data updates. Comprehensive data validation happens in a short time window—often hours. It can also be run as part of a workflow or script. The update of production data can be made to be conditional upon passing all data validation tests. New features include:

- Prebuilt management dashboards to show test result trends over time, enhancing visibility
- Incremental test validation to enable quick data reconciliation in short time windows
- Expanded connectivity to enterprise applications and data appliances

Key Benefits

Ensure Data’s Accuracy and Trustworthiness
By enabling more complete data validation testing, the option ensures data’s accuracy. Your IT team can replace an ad hoc, trial-and-error data validation approach with one that delivers precise results in less time. Your company can base its business decisions on trustworthy data uncompromised by the move/transform process.

Reduce Data Testing and Validation Time and Resources by 50 to 90 Percent
The option dramatically reduces the time, number of required IT resources, and costs associated with data validation activities. Your IT team can validate more data in less time because prebuilt operators eliminate the need for programming skills. Tool-based testing means that tests can be shared and reused. And when less time is needed for testing, more complete test validation can be executed.

Make Business Decisions Knowing That Production Systems Are Accurate
The option can run in a workflow or script so that testing is done automatically before a production system update. The load can be made conditional on successfully passing the test, ensuring that updated systems have trustworthy data. The option also notifies you of test pass or failure, providing peace of mind that your systems are operating correctly.

About Informatica
Informatica Corporation (NASDAQ: INFA) is the world’s number one independent provider of data integration software. Organizations around the world rely on Informatica for maximizing return on data to drive their top business imperatives. Worldwide, over 4,630 enterprises depend on Informatica to fully leverage their information assets residing on-premise, in the Cloud and across social networks.