

Information Management Software Services InfoSphere Warehouse SQW Fast Start



Highlights

- ***Data preparation is a critical component of any business' ability to leverage information***
- ***Gain SQL Warehousing Tool (SQW) skills quickly and with expert advice and knowledge***
- ***Perform data acquisition, preparation and loading using the SQW tool***
- ***Benefit from direction, advice and experience provided by IBM Software Group Lab Services***

Your leading organization requires more from your data warehouse environment to accommodate growth and capitalize on new market opportunities. Data preparation and transformation is a critical component of your business to leverage essential information. With the Fast Start Service for IBM InfoSphere Warehouse you gain SQL Warehousing Tool (SQW) skills quickly and efficiently using hands on expertise to get the most out of your data warehouse environment.

What is the IBM InfoSphere Warehouse SQW Fast Start?

A Fast Start Service is designed to accelerate the realization of business value. This service will help you start your first SQW project alongside expert consultants to install and configure the tool as well as mentor your valued staff.

What's Involved?

Data preparation requires significant system resources by using a separate server to move the data back and forth and drive performance. However, SQW works differently by minimizing the need to optimize and transfer the data from server to server as the transformation work is done using SQL.

The SQW tool is a powerful combination of Design Studio, a GUI design component, and a run time environment called WebSphere Application Server (WAS). The graphical nature of Design Studio allows it to be self documenting and simple to use resulting in higher IT productivity levels as users don't need to be SQL syntax experts. Design Studio is an Eclipse-based development platform for SQW designed to enhance Data Flows and Control Flows.

Data Flows define the transformation of data. They contain data sources, data targets, and the work done in between. Work is done graphically using function operators such as table source, table target, joins, sorts, filters, and aggregation. Operators are linked by their inputs and outputs. Ultimately, SQL statements are generated by this simple tool and the transformation logic is visually documented.

Control Flows manage the execution of the overall workflow. They are represented graphically using operators such as executing a data flow or running a system command. Conditional logic and looping operations add flexibility to workflows. With SQW, an organization can easily transform data, such as populating a data warehouse, using this intuitive and self-documented tool. It is an Eclipse-based tool and there is little to no learning curve allowing users to get up and running quickly.

When engaging IBM Information Management Software Services, you can be confident you are working with the industry's leading data warehousing analytics experts. This offering can be tailored to meet your business needs and is an ideal opportunity to mentor your staff on the concepts and best practices of data preparation, transformation and loading.

You will gain skills and knowledge in applying SQW in the Design Studio environment to manage the data analysis challenges faced by your organization. Leverage the expert advice with hands-on practice directly from our IBM mentors as a way to advance projects quickly. Manage your staff skills by working closely with our consultants to enhance the success of each project.

The primary activities undertaken in this offering include:

Installation and Configuration

Our consultants assist with both the installation and configuration of development and runtime SQL environments. During this process our consultants can assist with the data sources for both Design Studio and WAS.

Mentoring

Our consultants will guide your staff through an exploration of the SQW tool. Additionally they will drive an iterative process of discussion combined with hands-on practice to get your team up to speed.

The process includes:

- Introduction to Eclipse
- Database Explorer
- Physical Data Models
- Control Flows and Subprocesses
- Data Flows and Subflows
- Introduction to Text Analytics
- Introduction to Data Mining Flows
- Variables
- Deployment
- Run-time environment in WAS

Your First SQW Project

Alongside IBM Information Management Software Services, our consultants will ensure your staff feel confident with their first project. Rely on us to build the right process, develop and test required data flows, control flows and design sessions throughout the entire project.

Next Steps

Your first step is to get your initial project up and running quickly with the SQW tool, leading to future SQW projects involving customized services for all design, implementation, and testing phases.

For More Information

To learn more about IBM Software Services for Information Management and this service offering, please contact your local IBM sales representative or send an e-mail to dmskills@us.ibm.com.

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