Intelligent Communication
iKnow

IBM

Solution Description

Organizations using data integration software to leverage information as a trusted strategic asset and transform into an information-based enterprise face a number of common challenges, best addressed with dedicated tools. The iKnow offering is a web based server/client application installed by DataStage customers alongside the InfoSphere Information Server. iKnow integrates with DataStage at the metadata level and allows organizations to take full charge of their data integration processes using an intuitive graphical user interface.

The key function areas of iKnow are Process Management, Monitoring and Statistics. By allowing users to design, monitor and analyze their data processes in one intgrated user interface, the iKnow offering provides end-to-end operational control.

Process Management: This function allows users to design data integration processes that combine DataStage jobs and sequences, across any number of DataStage servers and projects, with jobs executed as operating system commands. The feature-rich internal scheduling engine allows iKnow processes to be launched by iKnow Server or by external schedulers through a well defined API. Process Manager enables dependencies between tasks and between tasks and system resources. Thus both business logic and dependencies arising from operational requirements can be accurately modelled in an iKnow process diagram.

Monitoring and Statistics: This function brings data integration processes closer to operators by providing real-time visibility and process performance metrics. In an operational environment with complex data integration processes, up-to-date information on task progress and system performance must be available continuously to operators. The Monitoring dashboard in iKnow combines information on currently executing processes, DataStage errors and link data and server and storage performance metrics. This unique combination of information enables operators without DataStage expertise to assess the current health of a DataStage based data integration solution.

Features and Benefits

The iKnow application aids with the following process automation related business requirements:

- Increases reliability and performance of data integration processes
- Reduces complexity of data integration processes
- Reduces the cost of operating data integration processes
- Increases the organization's ability to respond to new business initiatives

Value Proposition

The iKnow application enables trusted information in complex environments by providing flexible process management options and superior visibility into the data integration process.

The modules of iKnow address different aspects of data integration process automation and work together to bring business benefits in the following areas:

- Increased process reliability - raises the service level experienced by internal and external clients of the organisation's IT services.

- Increased process performance - brings new data to end users faster and maximizes resource utilization.

- Reduced process complexity - reduces the cost of managing the organization's data integra tion solutions.

- Reduced skill requirements in IT operations - cuts operating costs and frees up developer resources for more productive work

Company Description

Intelcom focuses on the area known as Enterprise Information Management, constantly delivering excellent solutions based on industry leading software, Intelcom's technology and industry knowledge and strong consulting power.

IBM Segment

- InfoSphere

Business Function

- Process Automation and Monitoring

Target Industry

- Cross

For more information, contact:

Kjetil Eritzland
Managing Director
+47 9840 1038
kjetil.eritzland@intelcom.no

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