

## IBM Information Management Software Services InfoSphere Foundation Tools Capability



The first phase in building an integrated information architecture is to gain a clear understanding of the data that exists within your business systems. The information landscape must be assessed to determine how to better align IT resources to meet your business needs. After this Initial phase Foundation Tools QuickStart Services can be used to jumpstart the building of the integrated information architecture and establish an improved data governance regimen in your organization.

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### Highlights

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- Provides means to analyze data and discover anomalies and integrity faults critical to maintenance of high quality standards
- Enables alignment of Business and IT goals through common understanding of the data, its source and its purpose
- Establishes and promotes trust through the ability to track and trace data from the source to the destination and monitor its quality
- Improves data governance by leveraging common understanding of the meaning of information across the enterprise

Point solutions, departmental silos holding critical information, disconnected information architecture and localized data definition deny IT organizations the ability to control and improve information quality or respond rapidly to information requests stemming from new business requirements. An integrated information architecture that leverages IBM InfoSphere Foundation Tools across the enterprise offers many advantages:

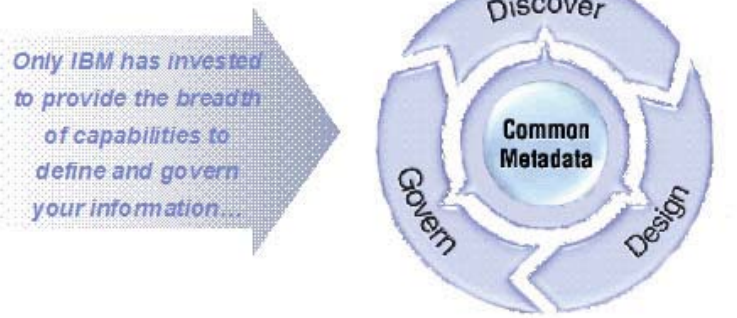
- Continuous monitoring of data quality trends and patterns
- A shared business vocabulary enabling everyone from anywhere to explore the meaning of terms
- Visual data lineage and impact analysis from source to target to viewing the entire transformation flow of data
- Documented Metadata, information and transformation, across your enterprise to support data governance

IBM InfoSphere Foundation Tools is a suite of tools designed to provide the enterprise the ability to promote understanding; maintaining and disseminating the knowledge of the enterprise data. Foundation Tools improve data governance by bridging the gap between the business view and the technical view of data.

The IBM InfoSphere Foundation Tools ( Fig. 1) are core components that can be deployed together or independently to support your integrated information architecture:

- Discover and understand the data across heterogeneous systems
- Design trusted information structures for business optimization
- Govern that information over time

Fig. 1



## What are Foundation Tools QuickStart Services?

There are four types of QuickStart Services, each with a different focus:

- *Foundation Tools for Data Stewards* includes IBM InfoSphere Information Analyzer for data quality assessment and monitoring, IBM InfoSphere Business Glossary for building an enterprise business vocabulary linked to data assets and IBM InfoSphere FastTrack technology for capturing and defining source to target specifications based on the result of data analysis
- *Foundation Tools and Industry Model for Enterprise Data Architects* focuses on customizing the industry model available in IBM InfoSphere Data Architect to enhance an existing business vocabulary based on industry standards
- *Business Glossary for Cognos Users* leverages existing business metadata information from the already developed reports with IBM Cognos 8 BI to create a cross enterprise common business vocabulary
- *Foundation Tools for Enterprise Data Governance* uses IBM InfoSphere Metadata Workbench in addition to the above mentioned set of tools to track relationships from source to target and provide full data lineage including reports and complete visualization of the whole transformation flow of the data

## What's Involved

Each QuickStart Service leverages a subset of the InfoSphere Foundation Tools, Information Management best practices, and experience along with your data to:

- Provide recommendations on how your data can be documented at physical, logical and business levels, and how this information can best be shared across your enterprise.
- Demonstrate how Data Quality can be achieved across your enterprise.
- Illustrate how the tools can be used to help establish and support the goals and objectives of enterprise wide data stewardship and data governance.
- Establish standards for data definitions across your enterprise.

With each project, you will build your knowledge by learning more about Foundation Tools and how to apply them in an integrated and collaborative environment to gain new insight into your data quality and improve your data governance processes. You will understand how the tools can accelerate your data initiatives and, at the end of the engagement, you will receive recommendations for next steps: an implementation project or more in-depth information agenda services.

## For More Information

To learn more about IBM Software Services for Information Management and this service offering, please contact your local IBM sales representative.

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