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Business Challenges with Data Quality and Data Integration Projects Today
SAP Information Steward Vision and Value Propositions
SAP Information Steward 4.1 Components
SAP Information Steward 4.1 Live Demo
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Business Challenges with Data Quality and Data Integration Projects Today

- **No** environment for business users to collaborate with IT regarding data issues
- **No** consistent repeatable way to measure and score data quality
- **No** clear strategy and discipline for improving data quality
- **Minimal** reuse of data assets; lots of data duplication
- **Not** sure what the business definition is
- **No** ability to analyze data dependencies across systems
- **Lack** of visibility to where the numbers or data is coming from
- **and many more…**

IT

BUSINESS USER
Agenda

Business Challenges with Data Quality and Data Integration Projects Today

**SAP Information Steward Vision and Value Propositions**

SAP Information Steward 4.1 Components

SAP Information Steward 4.1 Live Demo

Business Benefits with Information Steward

Additional Resources
SAP Information Steward
Collaborative environment for your IT and business users

Discover
Understand and catalog enterprise data

Define
Rules and ownership

Assess
Overall data quality

Monitor
Quality continuously

Improve
Data quality and governance

Empower business and IT users with a single environment to manage the quality of their enterprise data assets
SAP Information Steward
Value propositions

**Empower**
Empower Business Users
Bridge gap between business and IT
with collaborative solution for driving information management initiatives

**Govern**
Govern Enterprise Information
Enable effective data governance with the industry’s first combined data profiling, metadata management, and data quality monitoring solution

**Improve**
Improve Information Transparency
Give instant visibility into data quality levels and origins with end-to-end impact analysis and data lineage

Improve information governance and quality
Empower Business Users

- **View** how information measures up against information governance rules and standards
- **Share information** regarding governance and data quality metrics while also tracking progress toward quality goals
- **View data quality reports via dashboards and scorecards**, or via sophisticated inquiries into data origins and lineage
- **Enable business users** to visualize how data quality is impacting business
- **Increase efficiency and reduce costs** with one solution for data profiling, metadata management, and data quality monitoring

No other competitor offers a single business user-oriented solution for metadata management, data profiling and data quality monitoring
Govern Enterprise Information

- **Define data ownership** in accordance with your organization’s needs, roles, and accountability principles
- **Help pinpoint error hot spots**, which often indicate areas in which governance controls must be refined or adjusted
- **Trace data lineage** all the way from a report down to a source, gaining a better understanding of your complete business intelligence environment
- **Create business term glossary** with “metapedia”. Integrates and consolidates metadata from many sources, linking business terms with data elements so business people can better understand data definitions
- **Match group review** capability for Data Steward

Good data governance depends on creating consistent rules and guidelines about who can access, change, add, share, or integrate enterprise information
Improve Information Transparency

- **Comprehensive visibility** into data quality at all levels of the information management landscape
- **Scorecard visualizations** of data quality from various perspectives and levels
  - High-level data quality scorecards
  - Validation rules oriented dashboard
  - Table/column data quality dashboard
- **Analyze root cause** with drill down capability from scorecards and dashboards to rules, data profile, data and business terms
- **Impact analysis** that allow you to assess the merits of changes in your data structures and sources, resulting in reduced risk and improved data quality

Gain reliable insight in your Enterprise information quality and integrated transparency on bad data root cause and usage
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Business Challenges with Data Quality and Data Integration Projects Today
SAP Information Steward Vision and Value Propositions

**SAP Information Steward 4.1 Components**
SAP Information Steward 4.1 Live Demo

Business Benefits with Information Steward

Additional Resources
Single Solution with Integrated Data Stewardship Capabilities

- **Data Profiling**
  - DQ Monitoring
  - Validation Rule for Business Process Centric Data Profiling, Advanced Data Profiling

- **Metadata Management**
  - Metadata Analysis
  - System landscape and architecture metadata cataloging and lineage/impact

- **Business Term Taxonomy**
  - Comprehensive Business Taxonomy

- **Cleansing Rules**
  - DQM Functionality for party and non-party data Cleansing Packages

- **Activity Tracking**
  - Work list management (Match review)
Target Personas for Information Steward

Data Steward
- Supports Data Governance initiatives, operational and analytical business processes
- Monitors and manages data quality scorecard
- Analyzes Scorecard and its impact on downstream processes
- Collaborates to create business glossary
- Creates and approves rules for data cleansing, de-duplication and data quality validation
- Oversees the data remediation and enrichment activities

Data Analyst/IT
- Perform data profiling to understand structure, content of the data assets
- Collaborate on defining and reviewing data quality scorecards
- Define validation rules to assess data quality and apply to different key data domains
- Create Cleansing Packages to capture parsing and standardization rules
- Analyze Metadata of different operational and analytical systems for impact/lineage relationship between them

IT Administrator
- Maintain Information Steward landscape
- Creates projects and connections
- Manages user security
- Configures IS application
- Manages IS tasks and utilities
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Business Benefits with Information Steward

Additional Resources
Business Benefits with SAP Information Steward

- **Reduced complexity of IT landscape** by deploying a single solution
- **Increased efficiency** and **reduced costs** of data quality projects via a collaborative environment
- **Close the gap between IT and business users**
- **Improved data management processes** using solutions that support better governance
- **Enhanced data quality** via increased transparency of data quality, origins, and lineage
Further Information

Information Steward on SAP Public Web

Information Steward on SAP Developer Network (SDN):
http://scn.sap.com/community/information-steward

Related Workshops/Lectures at SAP TechEd 2012

EIM216, Lessons Learned from the SAP Information Steward Implementation at Colgate-Palmolive, Beginner
EIM162, Profile and Create Data Quality Scorecards to Understand the Health of Your Data, Beginner
EIM262, SAP Enterprise Master Data Management and SAP Information Steward, Intermediate
EIM267, Got Dirty Data? We have a solution!, Beginner
TEC1256, Metadata with SAP Sybase PowerDesigner and SAP Information Steward, Beginner
EIM804, Understanding and Measuring Data Quality, Q&A session
EIM805, Roadmap DSAP Data Services and SAP Information Steward, Q&A session

Watch SAP TechEd Online

www.sapteched.com/online
Resources: Enterprise Information Management with SAP

- Understand the big picture of SAP’s enterprise information management offerings
- Explore step-by-step instructions for working with SAP Data Services
- Learn how to perform the most important tasks in SAP Information Steward, SAP NetWeaver Information Lifecycle Management, SAP Master Data Governance, and SAP Extended Content Management
- All royalties donated to Doctors Without Borders

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