

IBM InfoSphere Information Governance Catalog v11.5.0.2: Understanding Your Information Assets

Course Summary

Description

This course enables students to acquire the skills necessary to use the Information Governance Catalog to analyze metadata stored within the Information Server Repository. The emphasis is on how metadata gets captured within the repository and how to explore and analyze the metadata it contains.

Topics

- Introduction to the Information Governance Catalog Metadata
- Exploring the Information Governance Catalog
- Capturing metadata assets
- Search and query
- Data lineage
- Enhancing lineage through extended mappings
- Open Governance Catalog

Audience

This is a basic course for those who will be using IGC to explore and analyze metadata stored within the Information Server Repository.

Prerequisites

Those taking this course should have basic knowledge of the Windows operating system. Familiarity with Information Server products is desirable but not required.

Duration

One Day

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Course Outline

- I. ***Introduction to the Information Governance Catalog Metadata***
 - A. Describe and list examples of metadata
 - B. Describe the purpose and uses of the Information Governance Catalog
 - C. List the main functional categories of the Information Governance Catalog
 - D. Describe the IBM Information Server environment and how the Information Governance Catalog is part of it
 - E. Describe the metadata management role of the Information Governance Catalog within Information Server

- II. ***Exploring the Information Governance Catalog***
 - A. Log into the Information Governance Catalog
 - B. Describe how metadata is organized with the Information Server Repository
 - C. Navigate around the Information Governance Catalog
 - D. Explore the types of metadata assets that can be viewed and analyzed in the Information Governance Catalog

- III. ***Capturing metadata assets***
 - A. Use Metadata Asset Manager to capture metadata for ODBC data resources, logical models, and BI reports
 - B. Describe DataStage captured metadata, including sequential files and DataStage jobs and job sequences
 - C. Describe how DataStage operational metadata is generated
 - D. Capture DataStage operational metadata

- IV. ***Search and query***
 - A. Explore the metadata hierarchy of assets
 - B. Use the Find capabilities of the Information Governance Catalog
 - C. Create and execute queries

- V. ***Data lineage***
 - A. Generate an impact analysis graph
 - B. Generate a data lineage graph
 - C. Solve problems using impact analysis and lineage graphs

- VI. ***Enhancing lineage through extended mappings***
 - A. Create extended data assets
 - B. Create extended mappings
 - C. Create a data lineage report involving extended data assets
 - D. Generate business lineage report

- VII. ***Open Governance Catalog***
 - A. Describe Open Governance Catalog and its benefits
 - B. Define new (custom) asset types using the Open Governance Catalog REST API
 - C. Import new (custom) asset types
 - D. Display the flow of data through the new asset type
 - E. Governing and benefiting from new asset types