IBM InfoSphere DataStage Essentials (v11.5)

Code: KM204G
Length: 4 days
URL: View Online

This course enables the project administrators and ETL developers to acquire the skills necessary to develop parallel jobs in DataStage. The emphasis is on developers. Only administrative functions that are relevant to DataStage developers are fully discussed. Students will learn to create parallel jobs that access sequential and relational data and combine and transform the data using functions and other job components.

Skills Gained

- Describe the uses of DataStage and the DataStage workflow
- Describe the Information Server architecture and how DataStage fits within it
- Describe the Information Server and DataStage deployment options
- Use the Information Server Web Console and the DataStage Administrator client to create DataStage users and to configure the DataStage environment
- Import and export DataStage objects to a file
- Import table definitions for sequential files and relational tables
- Design, compile, run, and monitor DataStage parallel jobs
- Design jobs that read and write to sequential files
- Describe the DataStage parallel processing architecture
- Design jobs that combine data using joins and lookups
- Design jobs that sort and aggregate data
- Implement complex business logic using the DataStage Transformer stage
- Debug DataStage jobs using the DataStage PX Debugger

Who Can Benefit

Project administrators and ETL developers responsible for data extraction and transformation using DataStage.

Prerequisites

- Basic knowledge of Windows operating system
- Familiarity with database access techniques

Course Details

Course Outline

1. Introduction to DataStage
2. Deployment
3. DataStage Administration
4. Work with Metadata
5. Create Parallel Jobs
6. Access Sequential Data
7. Partitioning and Collecting Algorithms
8. Combine Data
9. Group Processing Stages
10. Transformer Stage
11. Repository Functions
12. Work with Relational Data
13. Control Jobs

Follow-on Courses

Browse the suggested follow-on courses below and continue your training journey. We offer training in various learning formats, from instructor-led to virtual, so you can choose what works best for you. Get started by selecting a course to learn more.

InfoSphere - IBM InfoSphere Advanced DataStage - Parallel Framework v11.5
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InfoSphere - IBM InfoSphere DataStage v11.5 - Advanced Data Processing
View Details

Schedule (as of 3)

Date	Location		
May 21, 2024 – May 24, 2024	Live Virtual	GTR	Enroll
Jun 24, 2024 – Jun 27, 2024	Live Virtual	GTR	Enroll
Jul 23, 2024 – Jul 26, 2024	Live Virtual		Enroll
Aug 26, 2024 – Aug 29, 2024	Live Virtual		Enroll
Sep 23, 2024 – Sep 26, 2024	Live Virtual		Enroll

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