

DataStage® Fundamentals Enterprise Edition



ondemandstrategies™

The DataStage® Fundamentals – Enterprise Edition class is an instructor-led class designed to be delivered on-site, at your business location or a nearby training facility, in a training room equipped with one PC per student and connectivity to a DataStage® server.

Duration: Four days

Objectives:

Having completed this class the student will be able to:

- use DataStage tools to construct ETL tasks using DataStage® parallel jobs
- compile and execute those tasks
- construct a hierarchy of control for those tasks

Contents:

1. Beginning DataStage - What DataStage is, how it works, what it is not
2. Architectures - Design-time, compile-time and run-time
3. Developer's Toolkit - Introduction to the client tools that a developer uses
4. Parallelism Concepts - pipeline and partition parallelism and how each is implemented in parallel jobs
5. Configuration - how parallel execution is controlled
6. Repository Manager - metadata creation, import, export and management
7. Creating a Job - standard, structured technique for constructing a DataStage job
8. Designer - editing jobs, job parameters, stages, links and their properties
9. Data Sets and File Sets - parallel data storage; creation, use and management
10. Director - execution and inspection/review tool
11. Sequential Files - processing data in text files of various kinds
12. Combining Data - horizontal combination (lookup, join, merge, funnel) and vertical combination (aggregation)
13. Transforming Data - Modify and Transformer stage types
14. Accessing Tables - Enterprise, API and bulk loader stage types
15. Job Sequences - using a GUI to construct control hierarchies

Courseware:

Each student receives the following two documents.

1. Student notes: Powerpoint presentation with detailed notes pages.
2. Lab Exercises: Detailed instructions for "hands on" exercises to reinforce learning.

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