

Course : IBM InfoSphere DataStage Essentials (v11.5)

Implementing an ETL project

Practical course - 4d - 28h00 - Ref. TD2

Price : 3540 € E.T.

This training course gives project administrators and ETL developers the skills they need to develop parallel tasks in DataStage. The focus is on developers. Only administrative functions relevant to DataStage developers are fully covered. You will learn how to create parallel jobs that access sequential and relational data, combine and transform data using functions and other job components.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Describing the uses of DataStage and DataStage Workflow
- ✓ Describe Information Server architecture and how DataStage integrates with it
- ✓ Describe Information Server and DataStage deployment options
- ✓ Use the Information Server web console and DataStage administration client to create users
- ✓ Import and export DataStage objects to a file
- ✓ Import table definitions for sequential files and relational tables
- ✓ Design, compile, activate and monitor parallel jobs in DataStage
- ✓ Design jobs that read and write sequential files
- ✓ Describe DataStage's parallel processing architecture
- ✓ Design jobs that combine data with joins and searches
- ✓ Design jobs that sort and group data
- ✓ Implement complex business logic with DataStage Transformer
- ✓ Debugging DataStage tasks with DataStage PX Debugger
- ✓ Setting up the DataStage environment

Intended audience

Administrateurs de projet et développeurs ETL responsables de l'extraction et de la transformation des données à l'aide de DataStage.

PARTICIPANTS

Administrateurs de projet et développeurs ETL responsables de l'extraction et de la transformation des données à l'aide de DataStage.

PREREQUISITES

Basic knowledge of the Windows operating system and database access techniques.

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

Prerequisites

Basic knowledge of the Windows operating system and database access techniques.

Certification

Official course without certification.

[Comment passer votre examen ?](#)

Practical details

Teaching methods

Training in French. Official course material in digital format and in English. Good understanding of written English.

Course schedule

- 1 Module 1: Introduction to DataStage
- 2 Module 2: Deploying DataStage
- 3 Module 3: DataStage administration
- 4 Module 4: Working with metadata
- 5 Module 5: Creating parallel tasks
- 6 Module 6: Accessing sequential data
- 7 Module 7: Partitioning and collecting
- 8 Module 8: Combining data
- 9 Module 9: Group treatment steps
- 10 Module 10: Transformation stage
- 11 Module 11: Repository functions
- 12 Module 12: Working with relational data
- 13 Module 13: Controlling tasks

Dates and locations

ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.

