Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

Arrow ECS, Woluwedal 30, 1932 Sint-Stevens-Woluwe

Email: education.ecs.benelux@arrow.com
Phone: +32 2 332 19 57

IMS Logical Relationships

CODE:	LENGTH:	PRICE:
CM241G	32 Hours (4 days)	€3,120.00

Description

Learn how to successfully implement and tune Information Management System (IMS) databases with IMS logical relationships. Examine in detail the various pointer options. Practice these skills in intensive machine-lab exercises.

Objectives

- Code the DBDs and PSBs for databases involved in logical relationships, including those using recursive data structures
- Use IMS utilities to load and reorganize logically related databases
- Choose logical relationship update rules based upon application processing requirements
- Identify DBD coding parameters that are critical to the performance of logically related databases
- Interpret the results of logical relationship implementation choices using the reports provided by the IMS Monitor

Audience

People responsible for designing, implementing, maintaining, or tuning IMS databases using logical relationships.

Prerequisites

You should have at least four months of experience using IMS and should be able to:

- • Use TSO/ISPF **or** PDF
- • Demonstrate basic knowledge of:
    - OS/VS Job Control Language
    - VSAM access methods service utilities
    - DL/I application programming techniques
- Describe the characteristics **and** storage format of HISAM, HIDAM **and** HDAM databases **and** code their DBDs
- Understand the IMS DB Monitor **and** use its reports to resolve database performance concerns

These skills can be developed by attending:

- *IMS Physical Organization of Databases Workshop (CM22)*
- *IMS Database Performance and Tuning Workshop (CM30)*

Programme

- Introduction to Logical Relationships
- Unidirectional Logical Relationships
- Unidirectional Logical Data Structures
- Bidirectional Logical Relationships
- Bidirectional Logical Data Structures
- Database Load and Reorganization
- Recursive Structures
- ISRT Rules and Exercise
- Logical Relationship Performance
- Logical Relationship Tuning

- Design and Change Considerations

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.