

DB201 DB2 Introduction

Course description This course is designed to provide a thorough introduction to DB2 and the relational model. It discusses the basic concepts, structure and components of DB2. The course may be used to provide an all round overview of DB2 for high level users, or as a primer for more technical personnel. Practical sessions provide hands-on experience in order to consolidate the theory discussed in the course.

Who Should Attend Anybody requiring either an overview of, or an introduction to DB2.

Pre-Requisites None.

Duration 1 Day

Relational Database Concepts

The relational model
Relational vs. Non-Relational databases
DB2 operational environments

DB2 Architecture

DB2 system architecture
DB2 objects - Tables, Indexes, Tablespaces, Databases, Storage Groups etc.
The DB2 catalog

The Structured Query Language

SQL language components
Data Definition Language overview
The basic select
Updating DB2 data
Data Control Language overview

DB2 User Facilities

QMF
Application program development
DB2I/SPUFI
DB2 utilities

Data & System Integrity

The DB2 log
Commit / Rollback
Locking security