

IBM i2 iBase Designer Course Overview

Duration: 5 days

“My colleague who created the database is leaving and I have been asked to take over. I need a course that will give me the knowledge and confidence to both create and make changes to an existing iBase database structure.”

Description

It is relatively easy to make an iBase database – but designing one that meets the users’ needs is the hard bit. To help you achieve this, you will design and implement two iBase Databases using our example datasets. We focus on a practical process for you to use after the course to enable you to create databases that support the requirements you identify for your organisation. It also covers iBase specific administration and helps students to put into practice the creation of users with different security settings. We finish by looking at further options that can be enabled, and how to keep a database up to date over time as requirements evolve. Although the course does have a few small technical aspects, those who shy away from technical IT areas need not be afraid! We make sure that you fully understand which aspects of the administration and publishing processes should be left to the technical people.

Objectives

By the end of the course students will be able to:

- plan, create and test iBase databases using a task based process
- set up users using security that controls access to data and functions
- administrate and configure functions such as Search 360, History and Alerting
- understand and enable key features that will improve the success of an iBase database
- modify a database that already has data, and keep it up to date over time

Course Content

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| <ul style="list-style-type: none">- Designing an iBase database - a practical application of a task based process<ul style="list-style-type: none">o Researcho Modelling a databaseo Prototyping- Creating a database<ul style="list-style-type: none">o Creating Entitieso Creating Links and using Link Endso Creating Fields of different Types and Propertieso Creating Icon and Code Listso Implementing Attributeso Enabling Tooltipso Discussing the impact of data quality- Testing a database<ul style="list-style-type: none">o How to test a databaseo Importing data to testo Assessing the results- Security<ul style="list-style-type: none">o Password fileso Designing securityo The 4 security groupso Moving iBase databases (MS Access)o Audit logs- Administration<ul style="list-style-type: none">o Understanding the role of the Designer working alongside the IT specialisto Backing up iBase files (MS Access)o Link Integrity and Schema Integrity Checko Weeding old data | <ul style="list-style-type: none">- SQL Server<ul style="list-style-type: none">o Understanding the role of the iBase Designer alongside the role of SQL Server Admino Enabling Search 360o Enabling Alertingo Enabling History- Maximizing the chances of success<ul style="list-style-type: none">o Creating Datasheetso Labelling Schemeso Folder Objectso The role of support, training and user groups- Semantic types in iBase<ul style="list-style-type: none">o The use of Semantics in iBase and Analyst’s Notebooko Semantically typing in iBase Designer- Updating the Database over time<ul style="list-style-type: none">o The impact of Adding Entities, Links and Fieldso The impact of Editing Entities, Links and Fields with data ino Exporting datao Importing data using Record Identityo The impact of Deleting Entities, Links and Fields with data ino Schema Updates |
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Prerequisites

We strongly recommend that the students attending this course have completed the iBase Standard course or equivalent, or are familiar with using iBase through regular use. Our experience shows that those who understand how iBase works from a user perspective get far more from the course than those who do not. Students must also be familiar with using Microsoft Windows, in particular managing folders. All courses are conducted in English so students should have a good understanding of spoken and written English. Please note translators can be used on closed courses.

Is this the right course for you?

This course is specifically for users who are required to design and create an iBase database. It will also suit people who will be involved in continuing the evolution of an existing iBase database. Analysts who are familiar with the concepts of Entitles and Links are ideal for this course. Classic database designers and database administrators will also find this course helpful if they are tasked with designing an iBase database. Please note, however, this is not a technical course and potential students should talk to users in their own organisation about the role of the analyst before attending the course.

Where Next?

Many people discover gaps in their knowledge of both Analyst's Notebook and iBase when attending this course. During the course, please ask the trainer for any useful next steps regarding suitable i2 training courses.