

CA ADS Version 19.x: Application Development 200



Course Overview

The CA ADS for CA IDMS Application Development course focuses on creating an application using the CA ADS environment and tools. It includes opportunities for hands-on work with provided code samples. After completing this course, you will be able to more effectively code, test and debug CA ADS online database applications.

PRODUCT RELEASE

CA ADS Version 19.x

COURSE TYPE, LENGTH & CODE

- Instructor-Led Training (ILT)
- Five (5) days
- 06IDM20341

PREREQUISITES

- CA IDMS/DB: Concepts and Facilities (06IDM20043)
- CA IDMS/DB: Database Navigation (06IDM20023)

WHO SHOULD ATTEND

- Application Developers

What You Will Learn How To

- Identify the components of the CA ADS environment
- Create and modify a prototype application using CA ADS
- Create and modify a working application from a prototype application
- Execute and debug an application
- Code maps, dialogs, work records and process modules
- Document and report on the application components

For Managers

The CA ADS Application Development course will help your Application Developers gain the knowledge and skill required to create CA ADS applications. Your developers will get a hands-on experience in creating complex applications under the guidance of an expert instructor.

By the end of this training, your developers will be ready to efficiently and effortlessly create and maintain CA ADS applications for your organization.

Course Agenda

Module 1: CA ADS - Introduction	Module 2: Prototype
<ul style="list-style-type: none"> ▪ Explain the elements of efficient online application development. ▪ List operating principles of the CA IDMS online environment. ▪ Define the basic terms of CA IDMS and CA ADS. 	<ul style="list-style-type: none"> ▪ Define prototyping. ▪ Recognize the benefits of prototyping.
Module 3: Create Application Structure Chart	Module 4: Create Prototype Maps and Dialogs
<ul style="list-style-type: none"> ▪ Create an application structure chart. 	<ul style="list-style-type: none"> ▪ Use the IDD tool to create map-level help modules. ▪ Use the online mapping tool to create prototype maps. ▪ Use the dialog generator tool to create prototype dialogs. ▪ Explain how these tools contribute to the development of an application prototype.
Module 5: Generate Application Structure	Module 6: Data Analysis
<ul style="list-style-type: none"> ▪ Generate an application structure 	<ul style="list-style-type: none"> ▪ Analyze the need for and availability of data. ▪ Explain how data is managed at runtime.
Module 7: Data Definition for CA ADS	Module 8: Add Data Fields to a Map
<ul style="list-style-type: none"> ▪ Use CA ADS data dictionary. ▪ Create data dictionary definitions for Data elements. ▪ Create data dictionary definitions for Work records. ▪ Create data dictionary definitions for Dialog process modules. 	<ul style="list-style-type: none"> ▪ Enhance maps to include data fields.



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Course Agenda, Continued

Module 9: Dialog Compiler <ul style="list-style-type: none">▪ Change a prototype dialog.▪ Add a subschema and work records.▪ Process modules in the dialog definition.	Module 10: Code Process Modules Using CA ADS Process Language <ul style="list-style-type: none">▪ Code CA ADS process language statements.
Module 11: Runtime Execution <ul style="list-style-type: none">▪ Explain how an application executes.▪ Describe the control command requirements for a dialog.	Module 12: Automatic Editing <ul style="list-style-type: none">▪ Apply automatic editing to an application.



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