Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

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Advanced Assembler Language Coding Workshop

CÓDIGO:	DURACIÓN:	Precio:
ES35G	32 Hours (4 días)	€2,900.00

Description

This course provides instruction and practice in the use of the more complex S/390 Assembler Language facilities for the experienced assembler language programmer. The course includes a discussion of standard linkage conventions, use of BSAM/QSAM and selected system macros, the macro definition language, and reentrant coding considerations. Emphasis is placed on enhancing skills in problem resolution through analysis of more complex system-provided dumps.

Objetivos

- Identify data management considerations and access methods
- Code assembler language programs which:
  - Conform to standard linkage conventions using save area chaining
  - Define and use BSAM/QSAM datasets through standard I/O macros
- Define and execute user macros which contain:
  - Positional and/or keyword parameters
  - Fixed or variable entry parameter lists
  - Conditional assembly logic
- Use variable length storage operations (that is, EX, MVCL, and so on)
- Employ more complex instructions (that is, TR, TRT, BXLE, and so on)
- Access JCL parameter data
- Employ LE date/time handling services
- Identify reentrant coding considerations and dynamic storage acquisition

Público

This course is designed for application programmers and beginning system programmers who code, maintain, and debug application support programs or subroutines written in S/390 assembler language.

Requisitos Previos

You should be able to:

- Code and debug simple S/390 assembler language programs

Programa

Day 1

- (00:15) Welcome
- (01:00) Unit 1: Review
- (00:15) Unit 2: Assembler instructions
- (01:45) Unit 3: Linkage
- (01:30) Unit 4: LE date/time handling
- (02:30) Exercise 1: PARM handling and search

Day 2

- (00:15) Lab review

- (03:00) Unit 5: Access methods: BSAM/QSAM
- (03:00) Exercise 2: File handling

Day 3

- (00:15) Lab review
- (00:30) Unit 6: Assembler compile-time options
- (00:30) Unit 7: SNAP dumps
- (03:30) Unit 8: Macros and the Conditional Assembly Language
- (02:30) Exercise 3: Macro modification

Day 4

- (00:25) Lab review
- (01:15) Unit 9: Miscellaneous instructions
- (00:25) Unit 10: Floating point data
- (00:25) Unit 11: Reentrant coding
- (00:15) Class wrap-up

Fechas Programadas

Fecha	Localización	Zona horaria	Idioma	Modalidad de impartición	Impartición garantizada	Precio
20 May 2024	Virtual Classroom	EEST	Spanish	Instructor Led Online		€2,900.00
21 Oct 2024	Virtual Classroom	EEST	Spanish	Instructor Led Online		€2,900.00

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.