

Advanced Assembler Language Coding Workshop

Varighed: 4 Days Kursus Kode: ES35G Leveringsmetode: Company event (Firmakursus)

Beskrivelse:

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.

Firmakursus

Med et firmakursus bliver jeres it-kompetenceudvikling målrettet jeres behov. Det betyder, at vi hjælper med at finde og sammensætte det helt rigtige kursusindhold og den helt rigtige form. Kurset kan afvikles hos os eller kunden, standard eller virtuelt.

Målgruppe:

This advanced 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.

Agenda:

- Identify data management considerations and access methods
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- Code assembler language programs which:
 - Conform to standard linkage conventions using save area chaining
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 - 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
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- Conditional assembly logic
- Use variable length storage operations (that is, EX, MVCL, and so on)
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- Employ more complex instructions (that is, TR, TRT, BXLE, and so on)
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- Access JCL parameter data
-
- Employ LE date/time handling services
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- Identify reentrant coding considerations and dynamic storage acquisition

Forudsætninger:

Prior to attending this course, you should be able to code and debug simple S/390 assembler language programs.

Indhold:

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
- (03:00) Unit 5: Access methods: BSAM/QSAM
- (03:00) Exercise 2: File handling
- (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
- (01:15) Unit 9: Miscellaneous instructions
- (00:25) Unit 10: Floating point data
- (00:25) Unit 11: Reentrant coding
- (00:15) Class wrap-up

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Day 3

- (00:15) Lab review

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Conditional Assembly Language

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Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

training@globalknowledge.dk

www.globalknowledge.com/da-dk/

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