

Complete programming with REXX

A 3 day **Hands on** training course



Description

A hands on training course covering the Restructured EXtended eXecutor (REXX) language. A large number of exercises are used to reinforce and emphasise lecture sessions.



Key outcomes

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

- ✓ Write REXX programs
- ✓ Debug REXX programs
- ✓ Examine existing code and determine its function.



Training Approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning. Hands on sessions are used throughout to allow delegates to consolidate their new skills.



Details

Who will benefit?

Anyone wishing to learn REXX.

Prerequisites

None although experience in another high-level language would be useful.

Duration: 3 days

Overall rating:



Generic Training



Generic training compliments product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".

"Friendly environment with expert teaching that teaches the why before the how."
G.C. Fasthosts

Small Class Sizes



We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

"Excellent course. The small class size was a great benefit..."
M.B. IBM

Hands On Training



The majority of our courses use hands on sessions to reinforce the theory.

"Not many courses have practice added to it. Normally just the theoretical stuff is covered."
J.W. Vodafone

Our Courseware



We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.

"Comprehensive materials that made the course easy to follow and will be used as a reference point."
V.B. Rockwell Collins

Customise Your Course



Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."
S.R. Qinetiq

Complete programming with REXX

Course Content

Introduction to REXX

What is REXX? REXX environments, invoking a REXX exec, a sample REXX exec, REXX clause types.

REXX variables and data

Literal data, variable data, assignment, simple variables, compound variables, stem variables, constant data, numeric data, arithmetic operations, character manipulation, hexadecimal data.

The parse instruction

Parse format, Parse examples, Parse arg, Parse pull, Parse value, special templates, placeholders, literal templates, numeric templates, variable templates.

Control structures

relational conditions, logical operators, simple selection, looping: uncontrolled and controlled loops, infinite loops, conditional loops, controlling loops, leave, iterate, multiple selection, instructions for subroutines, exit.

Sub routines and functions

Internal and external subroutines, call, ARG(), ARG(n)return, exit, scope of variables, procedure, functions, built in functions, overriding built in functions.

Performing I/O

Command conventions, preparing to read a file, execio, limitations, execio for reading, DISKR, DISKRU, DISKW, return codes.

External functions

listdsi, msg, outtrap, prompt, sysdsn, sysvar, storage.

Tracing

Immediate commands, the trace facility, signal and call statements.

Built in functions

Text handling functions, string handling, word handling, arithmetic, data conversion, bit manipulation, environment.

The data stack

Data stack structure, REXX instructions for the data stack, REXX functions for the data stack, TSO/E commands for the data stack.

REXX in batch

TSO/E foreground. TSO/E background

What our customers say

"Absolutely brilliant, very knowledgeable and helpful trainer would recommend to teach anyone. Kept me interested 100% of the time which is very impressive as this does not happen often, if at all!"

O. B. Network Rail

"The best technical course I've been on!"

L. W. Fujitsu Telecoms Europe

"Very well thought out and structured course. Would recommend 100%. Lots of equipment, good quality."

A.R. Unipart

"Course content is interesting. Relevant to current systems and presented well."

S.S-T. Arqiva

Step back

Software development fundamentals

Complete programming with REXX

Step forward

Git and GitHub for engineers

Complete Python programming