

AcceleREXX

The Interpretive REXX Compiler for z/OS and TSO



- **Faster REXX execs**
- **Protected from unauthorized modification**
- **Without run-time libraries**
- **Supports the complete z/OS REXX language and its extensions**
- **Improves developer productivity**
- **Costs *much* less than IBM's REXX/370™ compiler**

Overview

AcceleREXX protects your REXX applications, speeds their execution and makes REXX the ideal Rapid Application Development tool:

- REXX offers immediate execution and powerful debugging facilities.
- The companion **REXX Language Xtensions** endow REXX with native SQL support, VSAM access and an expanding Software Development Kit.
- AcceleREXX compiles your REXX applications into secure, high performance load modules.

Enhanced REXX gains enough power to replace COBOL, PL/1, C — even Assembler language!

- Develop complex, ‘industrial strength’ applications and deploy them as reentrant, shareable load modules
- Compile frequently used execs into LPALIB to further improve I/O and paging performance

- Link compiled execs into REXX Function Packages for the fastest possible access to subroutines and functions
- Write system exit routines for MVS, JES, RACF and vendor supplied software

Benefits

- Reduce CPU usage and improve performance
- Eliminate the undisciplined modifications that often ‘sneak’ into production
- Protect sensitive information (the encryption option)
- Conserve disk space (the compression option)
- Streamline application development

The AcceleREXX Compile Dialog

The AcceleREXX Compiler can be invoked via JCL or through the ISPF dialog panels illustrated in Figure 1 and Figure 2. The REXX execs you select for processing can be compiled into discrete object modules or merged into composite load modules.

```
----- AcceleREXX Compiler -----
Command ==>
RCX020 - Select 1 or more REXX execs for compilation
ISPF library:
  Project ==> RLX
  Group  ==> SAMPLE      ==>      ==>      ==>
  Type   ==> EXEC
  Member ==> RNV*        (Blank or pattern for member selection list)

Other partitioned or sequential data set:
  Data set name ==>
```

Figure 1: AcceleREXX Compile Panel 1

```
REXX Compile: RLX.SAMPLE.EXEC ----- ROW 1 OF 6
Command ==>                               Scroll ==> HALF

  Name      Action  Lib VV.MM  Created      Changed      Size  Init  Mod  ID
s RNVF      1      01 79 07/18/12 07/25/12 15:55  217  135  0  RLX4
s RNVFHELP  1      01 03 07/18/12 07/25/12 15:39   32   35  0  RLX4
s RNVFHLP1  1      01 10 07/09/12 07/16/12 15:42   33   31  0  RLX4
RNVFPAN    1      01 17 07/08/12 07/15/12 15:40   33   35  0  RLX4
RNVFPANS   1      01 08 07/13/12 07/20/12 15:41   33   31  0  RLX4
RNVL       1      01 01 07/11/12 07/18/12 15:43  100  100  0  RLX4
```

Figure 2: AcceleREXX Member Selection List

For more information
contact the REXX experts at
800 776-0771
www.relarc.com

Features

- Load modules run independently of the compiler in both TSO/E and non-TSO address spaces
- REXX execs, TSO CLISTs and compiled applications can invoke one another without restriction
- Supports all documented REXX external interfaces
- Fully supports the RLX implementations of dynamic and static SQL
- Checks REXX syntax and produces symbol cross references
- Removes embedded comments (or retains them for run-time diagnostics)
- Promotes incremental development. Separately compiled execs can be linked into several load modules
- Builds appropriate parameter lists for programs, command processors, REXX external functions, ISPF dialogs, ISPF/Edit macros and system exits — dynamically and automatically

Prerequisites

AcceleREXX requires the following software or subsequent releases:

- Any release of z/OS whose IBM support status is current
- Dynamic SQL support requires RLX/SQL or RLX/TSO
- Static SQL support requires RLX/Compile

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