



## *uniREXX Product Description*

### *uni-REXX*

**The ANSI  
standard REXX  
language for  
UNIX**

*uni-REXX* is a UNIX implementation of IBM's System Control Language, Rexx. It originated in the MVS/TSO and VM/CMS operating systems, where it is used for macro programming, personal productivity programming, and general applications development. It is also used as a macro and programming language within many other applications, including the ISPF editor and Dialog Management Services, and VM/CMS's System Product Editor, XEDIT. Rexx is often embedded into other vendor- and user-written applications to provide macro programming and other customization capabilities.

*uni-REXX* is an ANSI standard implementation of the Rexx language for UNIX systems. By using *uni-REXX* with UNIX, mainframe Information Services personnel who must now use and manage UNIX can avoid the huge learning curve associated with the UNIX shell languages (and their equally cryptic UNIX-derived alternatives such as PERL) becoming immediately productive in the new environment.

Where Rexx has been used to implement business applications, or embedded into larger applications, *uni-REXX* is a critical component in porting those applications to UNIX.

*uni-REXX* also provides system managers and personal productivity users a familiar capability in the new environment.

*uni-REXX* includes:

- Rexx interpreter
- Rexx compiler
- operating environment related extensions
- Applications Programming Interfaces
- A sample library

**The Workstation Group's** products are available all over the world.

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The operating environment extensions include EXECIO, GLOBALV, RXQUEUE, MAKEBUF, DROPBUF, and DESBUF (the latter three are only available in UNIX.) Also included are additional built-in functions that expose many of the C library functions, including those for regular expression processing and interprocess communications. Thus, programming tasks that previously required compiled C programs can now be done in Rexx. Thus, programming tasks that previously required compiled C programs can now be done in Rexx.

The API's allow you to embed Rexx as a scripting language in applications written in C (or any compiled language that supports C data structures and calling sequences). You may also extend the Rexx language by adding your own functions written in Rexx or C.

***uni-REXX*** includes a large sample library of general and UNIX-specific applications, illustrations of using the APIs to embed ***uni-REXX*** as a scripting language in compiled language applications, and an example of using ***uni-REXX*** for a client-server application.

The ***uni-REXX*** Developer's Kit includes all the components of ***uni-REXX*** plus a redistribution license. The redistribution license includes a compiler option to generate machine-code binaries of Rexx programs and the right to redistribute such binaries for execution on hosts with no ***uni-REXX*** license. It also includes the right to redistribute the extension commands (EXECIO etc.) as required for use by such Rexx program binaries. The redistribution license is unlimited.

***uni-REXX*** is available for most commercial UNIX systems. ***uni-REXX*** is also available embedded within the extended versions of ***uni-SPF*** and ***uni-XEDIT***.