

IBM AIX REXX/6000 and
IBM REXX for NetWare

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IBM AIX REXX/6000

- Available 12/93
- Program number 5764-057
 - REXX/6000 Reference guide SC24-5708
 - *comments on reference guide can be sent to pubrcf@gdlvme.vnet.ibm.com*
- Supports AIX release 3.2 and up
- "AS-IS" release
 - In use internally at over 100 IBM locations for over 2 years



REXX/6000



Additional details...

- Port of IBM's OS/2 REXX kernel to the AIX platform
 - SAA Level 2
 - ▶ *I/O functions (charin, charout, stream, etc)*
 - ▶ *System exits*
 - Default command environment
 - ▶ *address ksh 'ls -Fc'*
 - Access to AIX environment variables
 - ▶ *value('PATH', 'ENVIRONMENT')*



REXX/6000



Additional Functions

- Directory
 - Works just like OS/2 cmd
- REXXRegisterFunction/REXXRegisterFunctionPkg
 - For registering functions from an application or functions from a function package
 - Similar API's for Subcom handlers and Exit handlers
 - SysAddFuncPkg, SysAddCmdPkg, etc. functions allow easy access to API functions
- SysCreatePipe
 - Creates an "unnamed pipe" for communication between two processes

REXX/6000



More functions...

- SysFork()
 - Interface to fork command
- SysGetpid()
 - Returns process ID
- SysWait()
 - Waits on child process to end



REXX/6000



IBM REXX for NetWare

- Available 3/94
- Program number 5764-075
 - IBM REXX for NetWare Reference Guide SH24-5286
 - *comments on reference guide can be sent to pubrcf@gdlvme.vnet.ibm.com*
- Supports NetWare release 3.11, 3.12, or 4.0
- "AS-IS" release



**REXX
for NetWare**



Additional details

- Port of IBM's OS/2 REXX kernel to Novell's NetWare platform
 - SAA Level 2
 - ▶ *I/O functions (charin, charout, stream, etc)*
 - ▶ *System exits*
 - Default command environment
 - ▶ *Address netware 'load monitor'*



**REXX
for NetWare**



REXX API's

- REXXRegisterSubcomNLM
 - registers a subcommand handler from a NetWare loadable module
- REXXRegisterSubcomAdr
 - registers a subcommand handler from within an application routine
- Similar API's for registering external functions and exit handlers



**REXX
for NetWare**



NetWare specific utilities

- RxConsolePrint
 - Display a line of text on the system console
- RxDosCopy
 - Copies a file from the DOS partition to the NetWare partition
- RxDosPresent
 - Queries whether DOS is in memory
- RxGetNumberOfVolumes
 - Queries the number of volumes on the local server
- RxGetVolumeName
 - Given a volume number, get the volume name
- RxQueryNLM
 - Return NLM handle if the NLM is loaded

REXX
for NetWare



Industry excitement

- Tritus & IBM REXX/6000
 - Use REXX/6000 to extend the Tritus SPF editor
- Knozall & IBM REXX for NetWare
 - Use the REXX for NetWare scripting language module to extend and tailor the functionality of Knozall's NLMAuto Professional and NLMerlin products.

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