IBM AIX REXX/6000 and
IBM REXX for NetWare

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IBM AIX REXX/6000
&
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
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
More functions...

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