NetRexx 3.04
(Preliminary Release Info)
26th International Rexx Language Symposium, Vienna, Austria

April 1st. 2015
Fixes for Java 8 bytecodes

✦ New bytecode for Invoke Dynamic in use
✦ Needed to fix NetRexx's bytecode verification mechanism
Undo UTF-8 default

- 3.03 defaulted to UTF-8
- This was a mistake, fixed in r 485
- Several z/OS people complained that NetRexx stopped working on z/OS USS
- The default is rolled back to the platform character set
Add Pipes for NetRexx

- Pipes for NetRexx is the new name for njpipes
- It is integrated into the NetRexxF.jar
- This is the large one that also contains the Eclipse Java Batch compiler
- Code has been repackaged, fully tested and modernized
- Pipes compiler part is open sourced now
- New manual, partly finished
Pipes for NetRexx

- No need to import packages
- Fully integrated in runtime
- Easy to make your own pipe stages
- Mostly compatible to VM Pipelines
- You could actually use the VM manual
- Lots of working examples delivered in package
RexxTaskPool Parallel Processing

- RexxTaskPool is a parallel processing API that is much easier to use than Java thread support
List Processing API

- A simple API for List Processing in NetRexx
Do Binary

- Do Binary supports a block where operations adhere to the binary protocol
- For example, doing bitwise operations
Other, smaller changes: tools

- New level of the Eclipse Java Batch Compiler
- Use ECJ by default (Dave Woodman)
- nrx.nanorc : syntax coloring for the nano editor
- VI syntax coloring support
- No more looking for environment specific jars (from 3.03 GA2) - too complex, no longer tidy
Doc chg: Beans support

- After many years, the beans support feature, “properties indirect” stops being an experimental feature
- Its documentation has been moved to mainline
JZos

- Collection of utilities to make use of NetRexx really easy on the z/OS mainframe
- Read and write QSAM datasets
- Act on operator console commands
- Run effortlessly from JCL
- Free download from IBM
Scripting Support

- In Java 8, recognizes the builtin JavaScript interpreter
- On MacOSX, recognizes the AppleScript support, in addition to the JavaScript support
New 3.04 release anytime now

- 3.03 Already almost a year ago (May 2014)