

ooRexx Project Status

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Welcome to our new committers!

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Release 3.2.0

- Shipped Fall 2008
 - Largest release since ooRexx project was formed
 - New classes, reworked collection classes, many new string methods, Netrexx compatibility items

Testing, 1, 2, 3, Testing...

- Major rewrite of the ooRexx unit test framework was undertaken to better support the development and testing efforts
- Major increase in test coverage
 - Current regression test is over 500,000 assertions
- More is needed (hint, hint...)

RexxGTK

- Prototype project started by David Ashley to create a portable GUI environment
 - Early work was compatible with 3.2.0 interpreter
 - Target switched to 4.0 release to take advantage of new APIs

ooRexx 4.0

- Next major update to ooRexx
- Significant code cleanup
 - GCC warning removal
 - Consistent type usage
 - Consistent const usage
 - 64-bit cleanup work
- Good regression testing a key!

ooRexx 4.0

- New object-oriented APIs
 - Based on Java JNI and PHP Zend API styles
 - Self-describing extension packages
 - Native functions AND methods
 - Loaded via directives
 - Full access to object-oriented features of the language
 - No longer just strings



ooRexx 4.0 New Language Features

- The Routine class – like the Method class, but for declared routines
 - The Package class – manipulation and loading of source packages
 - The WeakReference class – A non-pinning reference to objects
 - The Pointer and Buffer classes (useful in conjunction with the new APIs)
 - ::CONSTANT directive
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How big is it?

- Diff comparison between 3.1.2 and 3.2.0
 - 3.5Mb
 - 78,000 lines
- Diff comparison between 3.2.0 and 4.0
 - 12Mb
 - 261,000 lines