

JRuby 1.1.6RC1 Released

The JRuby community is pleased to announce the release of JRuby 1.1.6RC1!

Homepage: <http://www.jruby.org/>

Download: <http://dist.codehaus.org/jruby/>

JRuby 1.1.6RC1 is the first release candidate for our sixth point release of JRuby 1.1. The fixes in this release are primarily obvious compatibility problems and performance enhancements. Our goal is to put out point releases more frequently for the next several months (about 3-4 weeks a release). We want a more rapid release cycle to better address issues brought up by users of JRuby. If we find no major problems with 1.1.6RC1 we will release the final version of 1.1.6 early next week.

*****Please try your apps against 1.1.6RC1 ASAP and report problems*****

Highlights:

- Additional Ruby 1.9 support (via --1.9)
 - Full 1.9 parser
 - Most core 1.9 methods/libraries/classes
- An evergrowing list of dead IO references bug fixed
- Much faster Array.sort
- Run gems out of jar files without having to unpack them.
- Store gem repositories in jars and load them via the classpath.
- Improved JavaEmbedUtils for embedders
- 67 bugs fixed since 1.1.5

Key Summary

JRUBY-3131 obj.send :binding does not set the binding's 'self' to obj
JRUBY-3188 NPE when loading file in tinfo (used by ActiveSupport)
JRUBY-3181 [PATCH] Stack trace lost when re-raising an exception
JRUBY-3197 Fix "undefined method `uid' for nil:NilClass" problem with Rubygems 1.3.1
JRUBY-3126 Allow Rubygems to be loaded and used from within jar files
JRUBY-3141 Array index error in JCodings running latest String#rindex specs
JRUBY-3135 RubyException doesn't define to_str
JRUBY-3118 Creating a subclass of MatchData that's instantiable blows up because there's no allocator
JRUBY-3162 Dir.glob does not like encodings, and will fail when used with File.expand_path
JRUBY-3108 a REXML XPath query fails to run correctly
JRUBY-3132 String.split is broken
JRUBY-441 Java integration code does not report errors well
JRUBY-1801 Support Ruby 1.9 stabby lambda syntax
JRUBY-2183 handling method_missing is slower than in MRI
JRUBY-2279 JRuby's Signal pollutes Kernel namespace with signal-specific constants
JRUBY-2209 An Interrupt wipes out END {} blocks
JRUBY-2290 form.datetime._select not working with IE in 1.1RC2 (but does with Firefox)
JRUBY-2798 File.open rubyspec failure on Mac OS X, Soylatte
JRUBY-2546 Using reflection to set a String on a field results in an error
JRUBY-3122 Arity.required(3) ends up reporting the wrong arity
JRUBY-2746 jruby -S flag does not search PATH, not support relative locations within PATH
JRUBY-3182 Symlink doesn't work with relative path destinations and Dir.chdir
JRUBY-3104 Ruby 1.9 parser support
JRUBY-3185 Ruby.descriptors was leaking endless WeakReferences (with Integer key).
JRUBY-3111 JRuby does not handle '@' sign in YAML file correctly.
JRUBY-3191 Including same Java interface twice causes ClassFormatError
JRUBY-3192 Return type coercion to java interfaces broken by new JI
JRUBY-3134 Define RubyRange.min/max
JRUBY-3078 require should be made either threadsafe or guaranteed to run the discovered file exactly once
JRUBY-2852 rcov.rb:654:in `aggregate_data': NilClass can't be coerced into Fixnum (TypeError) when running jruby -S rake spec:rcov
JRUBY-3138 import 'java.lang' and similar break due to missing PackageSearch class
JRUBY-3117 Constant lookup from method inside class ::Object is incorrect
JRUBY-3145 Module#include detects cyclic includes
JRUBY-3189 java.lang.Iterable should have an each method
JRUBY-3161 java interface in base class cannot implement in derived class
JRUBY-3176 Thread#wakeup doesn't wake up a sleeping thread
JRUBY-3195 jruby-openssl fails to load but reports no error
JRUBY-2613 Readline.readline wants two arguments
JRUBY-2834 More than 50 RubySpec failures for ARGF
JRUBY-3149 Float#to_s returns a string representation of self, possibly Nan, -Infinity, +Infinity
JRUBY-3198 String#slice! not working correctly when used with string read from file
JRUBY-3107 Ability to get extra position information from DefaultRubyParser
JRUBY-2780 RegexpError: target of repeat operator is invalid

JRUBY-2380 Thread.list has a race condition
JRUBY-3155 TCPSocket#puts block when the socket is waiting in read
JRUBY-2948 Exceptions do not cut off at binding evals after change reported in JRUBY-2945
JRUBY-3133 'jgem update' causes: java.lang.AssertionError: UpdateCommand is not interned
JRUBY-2224 jirb breaks method_added for classes
JRUBY-2703 Indexed methods are no longer supported, and options and code related to them should be removed or deprecated.
JRUBY-2799 Need some mechanism to call masked java methods (initialize)
JRUBY-3156 Import of Java classes in "main" object has no effect
JRUBY-2198 Array#sort is slower than MRI
JRUBY-1489 Adding encapsulated parse methods for external uses, such as JSR223 API implementation
JRUBY-2602 Lots of Readline::HISTORY rubyspec failures
JRUBY-3112 Some Ruby instances are not roundtripping from Ruby to Java and back
JRUBY-3210 the ./ behavior with load is not MRI compatible
JRUBY-3173 require in 1.1.5 prefers files in the current directory despite loadpath (even with "." removed)
JRUBY-3130 JRuby selects wrong static method on Java class
JRUBY-3140 Const lookup failures in precompiled specs
JRUBY-1476 jruby.home extraction / jar-complete / content mismatch
JRUBY-2301 JRuby script would work when java is installed but JAVA_HOME not set
JRUBY-2028 LocalJumpError is displayed when a block is invoked in a java thread.
JRUBY-2210 permissions on \$JRUBY_HOME/lib/ruby/gem/1.8 not wide enough
JRUBY-3201 JRubyApplet failing when using TrivialFacade.
JRUBY-1133 \$KCODE is ignored when multibyte character is used inside regular expression
JRUBY-3209 "java -jar jruby-complete.jar -S jirb" does not run if ~/.jruby exists
JRUBY-1181 Rake batch file for Windows environments