The enterprise view
One of the best GCs in the world

Native Threading

Profiled Optimizations

Native JIT

True Parallelism

(slow startup time)
Recap

"The Java World"
Let me tell you a story
Java Database Connectivity (JDBC)
require 'java'

java_import 'oracle.jdbc.OracleDriver'
java_import 'java.sql.DriverManager'

class OracleConnection

  def initialize (user, passwd, url)
    oradriver = OracleDriver.new
    DriverManager.registerDriver oradriver
    @conn = DriverManager.get_connection url, user, passwd
  end

  def create_statement()
    @conn.create_statement
  end

  def prepare_statement(sql)
    @conn.prepare_statement sql
  end

  def commit()
    @conn.commit
  end

end

The Oracle Way

stmt = conn.create_statement
result_set = stmt.execute_query 'select * from users'

while result_set.next
  result_set.get_object('ID')
end
require 'java'

java_import 'oracle.jdbc.OracleDriver'
java_import 'java.sql.DriverManager'
require 'sequel'

class OracleConnection
  def initialize(user, passwd, host, port, sid)
    url = "jdbc:oracle:thin:@#{user}/#{passwd}@#{host}:#{port}:#{sid}"
    @client = Sequel.connect url
  end

  def query sql
    @client.fetch(sql)
  end
end

client = OracleConnection.new('...')
client.query('select * from users').each do |row|
  # { id: 1,
  #   first_name: 'Harry',
  #   last_name: 'Hurtig',
  #   user_name: 'hhurtig',
  # }
end
$ which java
/usr/jdk/jdk1.6.0_51/bin/java

$ wget http://jruby.org/.../jruby-bin-1.7.6.tar.gz

$ tar zxf jruby-bin-1.7.6.tar.gz -C ~/jruby

$ export PATH=~/jruby/bin:$PATH

$ gem install bundler
$ bundle install
Other Examples
Conclusion

- Not only GC and Native Threads
- Take advantage of “Java is everywhere”
- Embrace the JVM ecosystem
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