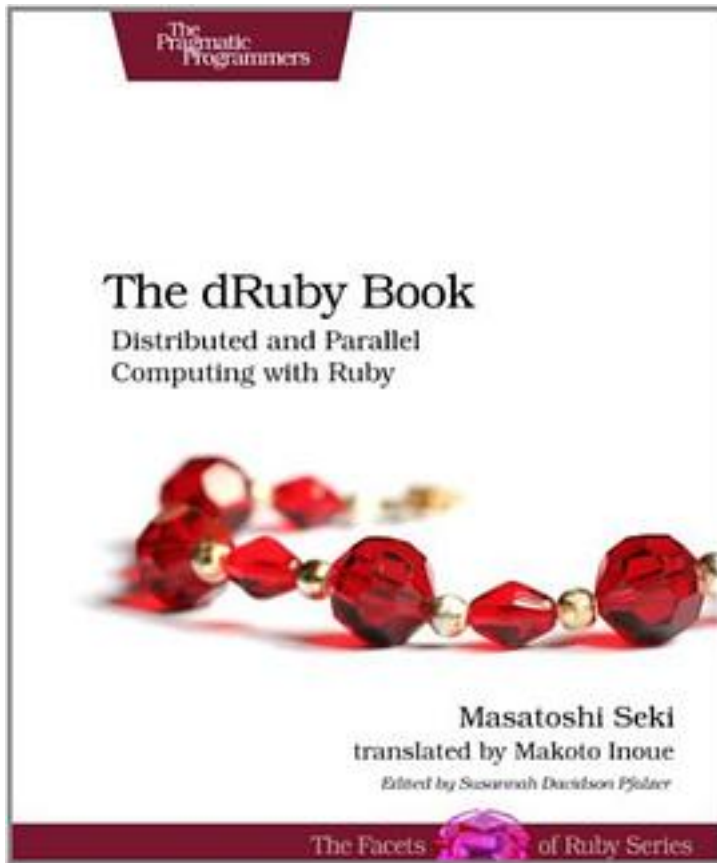


# The dRuby Book



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dRuby has been part of the Ruby standard library for more than a decade, yet few know the true power of the gem. Completely written in Ruby, dRuby enables you to communicate between distributed Ruby processes as if there were no boundaries between processes. This is one of the few books that covers distributed and parallel programming for Ruby developers.

The dRuby Book has been completely updated and expanded from its Japanese version, with three new chapters written by Masatoshi. You'll find out about the design concepts of the dRuby library, and walk through step-by-step tutorial examples. By building various distributed applications, you'll master distributed programming as well as advanced Ruby techniques such as multithreading, object references, garbage collection, and security. Then you'll graduate to advanced techniques for using dRuby with Masatoshi's other libraries, such as eRuby and Rinda—the Ruby version of the Linda distributed tuplespace system. In the three new chapters, you'll see how to integrate dRuby and eRuby, get a thorough grounding in parallel programming concepts with Rinda, and create a full text search system using Drip.

Step by step, you'll gain mastery of dRuby and distributed computing.

## 作者介绍:

Author Masatoshi Seki is a Ruby committer and an author of several Ruby standard libraries including dRuby, eRuby, and Rinda. He's an expert in object-oriented programming, distributed systems, and eXtreme programming. His favorite Ruby methods are “method\_missing” and “inject”. He's the author of Distributed Object Programming with dRuby and Distributed Web Programming with dRuby, of which this book is an updated and expanded translation.

Translator Makoto Inoue is a database administrator turned Ruby developer living in London. He is passionate about evangelizing interesting, lesser-known technologies. He speaks about mobile development, NoSQL, and Real Time Web at conferences and meetups.

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### 1.2 Architectures of Distributed Systems excerpt

## 2. Understanding dRuby

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### 2.2 Pass by Reference, Pass by Value

### 2.3 Multithreading excerpt

## 3. Process Coordination

### 3.1 Coordinating Processes Using Rinda

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### 3.3 Parallel Computing and Persistence with Rinda excerpt (NOTE: use “gem install more\_rinda” to try it out)

### 3.4 Drip: A Stream-Based Storage System

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