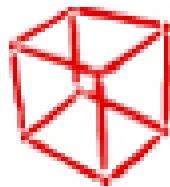


Ruby Tooling in NetBeans



NetBeans

Gregg Sporar

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Agenda

- What is **Ruby**?
- What is **JRuby**?
- What is **Ruby on Rails**?
- What is the **NetBeans IDE**?
- Ruby Support in NetBeans IDE
- Ruby on Rails Support in NetBeans IDE



What is Ruby?

**A dynamic, open source
programming language with a
focus on simplicity and
productivity.**



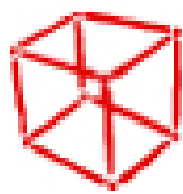
What is JRuby?

**An open source
Java
implementation of the
Ruby
language.**



What is Ruby on Rails?

**An open source web framework
that's optimized for programmer
happiness and sustainable
productivity.**



NetBeans

**What
is the
NetBeans IDE?**

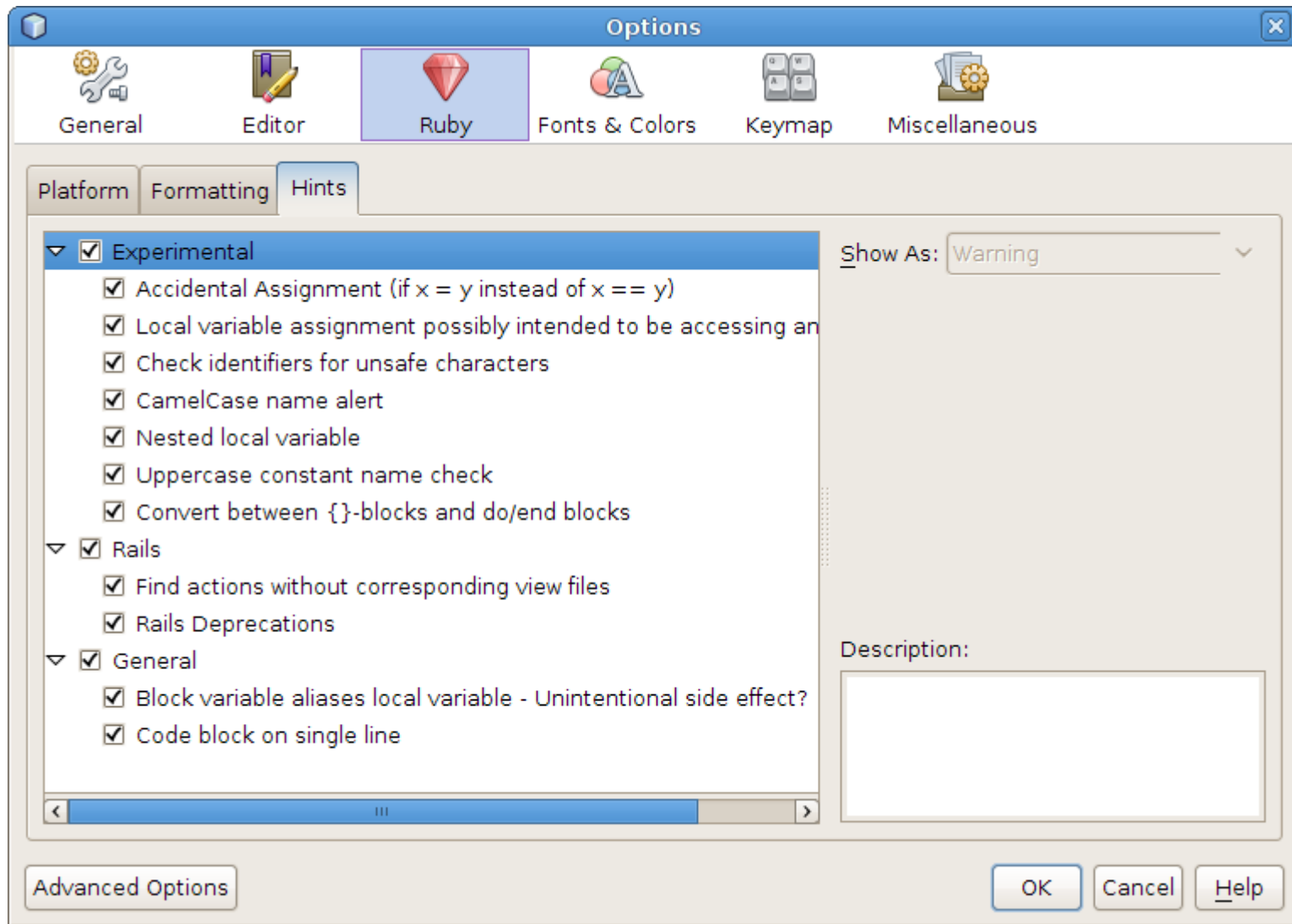
An open source
Integrated Development
Environment
that includes JRuby
and
support for
Ruby and Ruby On Rails

Ruby Support in the NetBeans IDE:
Everything
you need
in the
Edit,
Test,
Debug
Cycle

Powerful Code Editor

- Code-completion
- In-place API documentation
- Syntax **highlighting**
- Mark **occurrences**
- Go to **declaration**
- Instant **Rename**

Hints



Live Code Templates

ife<tab>

if condition

else

end

Most TextMate snippets included

Source Level Debugging!

- Stepping
- Breakpoints
- Local Variables
- Call Stack
- Threads
- Watches
- Balloon-Evaluation

Get it?

Unit Testing

- Test:Unit
- RSpec
- AutoTest

Ruby Gem Manager

- View Installed Gems
- Update existing Gems
- Add new Gems

IRB

Welcome to the JRuby IRB Console

```
irb(main):001:0> 'Ruby'.length
```

```
=> 4
```

```
irb(main):002:0>
```

Version Control

- Subversion
- CVS
- Local History

Integrated Database Tooling

- View Data
- Execute SQL Command
- Design Queries

Miscellaneous Stuff....

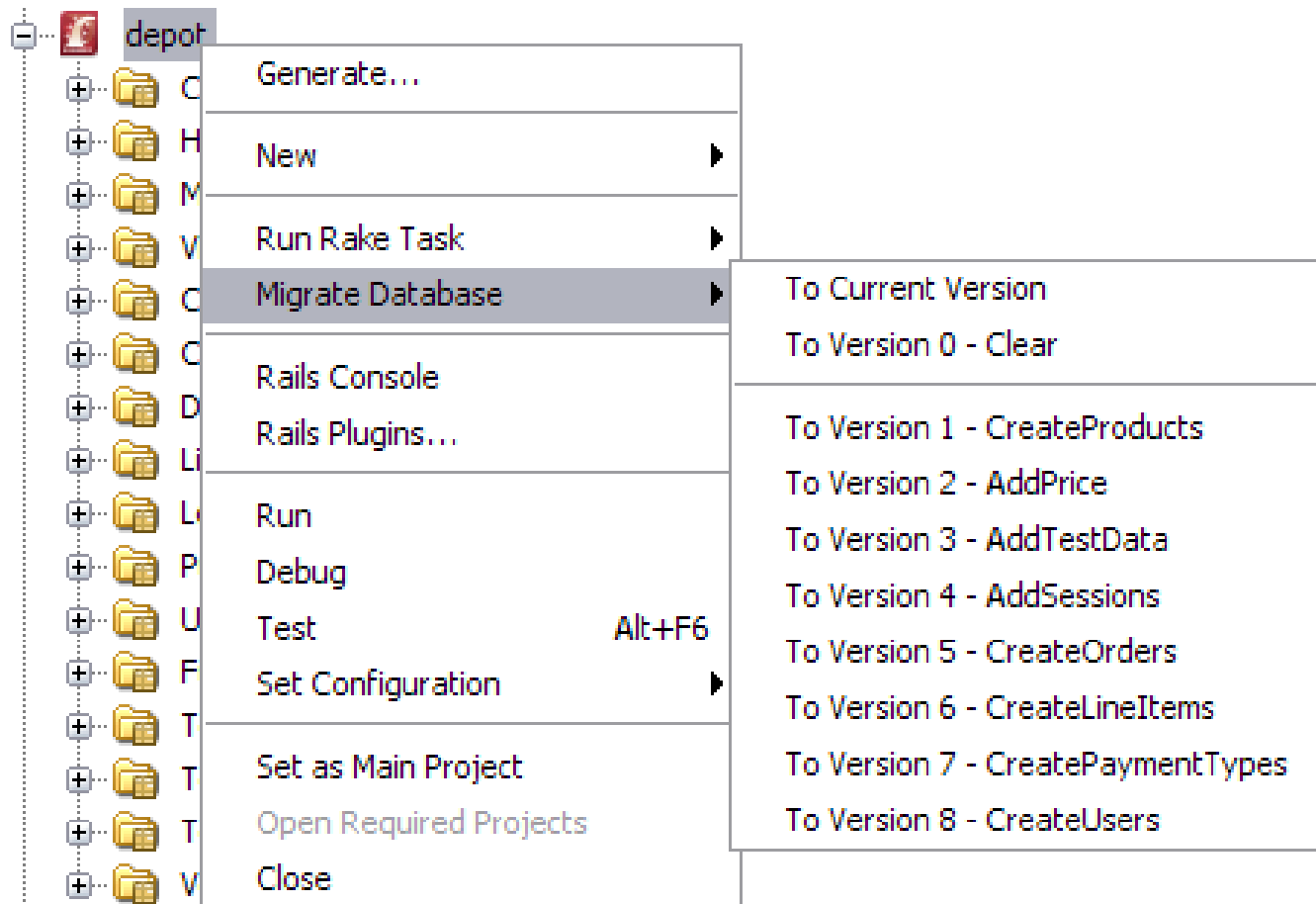
- Window Tricks
- Configuration

Plus, support for
Rails

Project and Code Generators

- Generate Models, Controllers ...
- Skip or Overwrite existing files
- Preview Only Option
- Usage provided in dialog

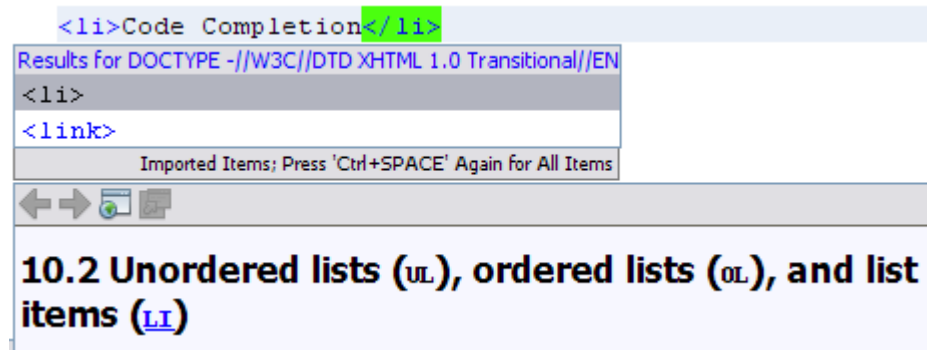
Database Migrations



RHTML Editing

Syntax highlighting

Code completion



Goto Action/View

Server Integration

- WEBrick automatically started
- Server console window
- Mongrel also supported

RHTML Debugging

- Set Breakpoints in your RHTML
- View local variables
- Set watches
- Call stack
- Balloon Evaluations

Resources

- <http://www.netbeans.org/>
- <http://www.netbeans.org/ruby/>
- <http://wiki.netbeans.org/wiki/view/Ruby>
- **<http://www.netbeans.org/kb/60/ruby/index.html>**

NetBeans IDE 6.0 Ruby Documentation - Mozilla Firefox

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NetBeans IDE 6.0 Ruby Documentation

PRINTABLE VERSION

November 2007

This page lists the Ruby documentation for NetBeans IDE 6.0. You can download NetBeans IDE 6.0 from the [NetBeans IDE 6.0 Downloads](#) page.

Tutorials and Screencasts

Configuring the Ruby Environment

- [Installing and Configuring Ruby Support](#)
 - [Downloading Ruby Support](#)
 - [Using Databases](#)
 - [Deploying to GlassFish](#)

Using the Ruby Editor

- [Editing Ruby Code](#) [\[screencast\]](#)
- [Code Completion Screencast](#)
- [Hints and Quick Fixes Screencast](#)

Integrating Java and Ruby Development

- [Mixing Java and Ruby Applications](#) [\[screencast\]](#)

Introducing Ruby on Rails

- [Creating a Ruby Weblog in 10 Minutes](#) [\[screencast\]](#) **Updated!**
- [Building Relationships Between Rails Models](#)
- [Using Ajax With Ruby on Rails](#)

Doing More With Ruby on Rails

- [Putting Flickr on Rails](#) [\[screencast\]](#)
- [Using iMaki With NetBeans Ruby](#) [\[screencast\]](#)

Debugging and Testing

- [Debugging Ruby Code Screencast](#)
- [Test-Driven Rails Development](#)

Learning Trails

- ≡ [Basic Java Programming](#)
- ≡ [Java GUIs and Project Matisse](#)
- ≡ [Web Applications](#)
- ≡ [Java EE Applications](#)
- ≡ [Mobile Applications](#)
- ≡ [SOA Applications](#)
- ≡ [UML Modelling](#)
- ≡ [NetBeans Modules and Rich-Client Applications](#)

Docs for Packs

- ≡ [Mobility Pack](#)
- ≡ [Visual Web Pack](#)
- ≡ [Enterprise Pack](#)
- ≡ [C/C++ Pack](#)
- ≡ [Ruby Pack](#)
- ≡ [Profiler](#)
- ≡ [UML Module](#)

Additional Resources

- ≡ [FAQs](#)
- ≡ [Sample Applications](#)
- ≡ [Support](#)
- ≡ [Training](#)
- ≡ [NetBeans 5.0 Docs](#)

Community Collaboration

The [NetBeans Ruby wiki](#) is the collaboration space for NetBeans Ruby users and developers. Among other documents, the wiki includes the following release documentation:

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Thank You!



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