

# GUI & Ruby

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# Introduction

- Ruby is ideal for GUI application development
- Manipulate 'business objects' on a high level
- Speed doesn't matter
- 95% of the time waiting on user input

# Options

- Ruby/Tk
- QtRuby
- RubyCocoa
- JRuby/Swing
- FXRuby
- wxWindows
- Ruby/GTK

# Ruby TK

- Bundled with Ruby
- Programming Ruby book
- Nice syntax
- U-G-L-Y
- Becoming minor

# FXRuby

- Good cross platform support
- foxGUIb Interface Builder
- Integrates with OpenGL
- Maintained and active (1.6 - June 2008)

# Ruby-GNOME2

- GTK and GNOME Apps
- Glade Interface Builder
- Actively developed

# The Minors

- QtRuby
  - KDE4 support?
- wxWindows
- Shoes
- JRuby/Swing
  - Could become major

# GUI Application Design

- MVC – For GUI before Rails
- Use an interface builder
- For small apps and dialogs use smaller libraries
  - Shoes
  - Zerenity



# Zerenity

- Written to learn RubyGTK
- Almost copy of Zenity – command line dialogs
- For simple once off dialogs
  - Answer a question
  - Choose an option
  - Choose a file
- Not maintained (Just found some bugs)

# Zerenity

## DEMO



# Glade GTK/Gnome Interface Builder

- LibGlade deprecated
- GTKBuilder integrated into GTK
- Glade 3.6 will support GTKBuilder

# Glade GTK/Gnome Interface Builder

DEMO

# Questions?

- <http://ruby-gnome2.sourceforge.jp>
- <http://www.fxruby.org>
- <http://www.rubycocoa.com>