Ruby On Rails Workshop
Ruby On Rails Workshop

- **Date:**
  - 14 Apr 2005
  - 7pm – 9pm

- **Instructor**
  - CHEW Choon Keat
Ruby On Rails Workshop: Outline

- **Installation (requires internet connection)**
  - Ruby, RubyGem, Rails on WinXP
  - Additional installation: sqlite3 and ruby-sqlite3, or MySQL

- **Basics**
  - Starting the server
  - Environment walk-through (logs, database configurations, helpers, commands, tests)
  - MVC implementation in Rails
  - Debugging with breakpoints

- **Controller**
  - "Pretty URL" and how to configure.
  - Basic mechanisms, e.g. flash, params, session, filters, headers

- **View**
  - Basic formats: rhtml, rxml
  - Helpers: link_to, form, javascripts, stylesheets, select
  - Ajax: bundled helpers for prototype.js, *rjs, *json
Ruby On Rails Workshop: Outline

• **Model**
  - Naming conventions over configuration. Why.
  - Keywords that represents relations - implied meaning in the tables. Hooks (before_* and after_*)
  - Validation
  - Migrations ("version control" your application database schema)
  - Caveats: e.g. Changing model classes used in Migrations.

• **Email**
  - Sending multi-part emails (contrast with JavaMail)
  - Receiving emails

• **Webservices**
  - Creating a basic web service
  - Testing the web service

• **Plugins**
  - How it works
  - What it can do (a lot!!), e.g. proof for patch
  - How to do your own

• **Ruby Language**
  - Short session on Ruby basics
  - Everything is an object
  - Blocks and Closures
  - Threading
  - Exceptions