

# **ROR Practice @ RadixWeb**

## ***Background***

With an efficient and highly skilled team capable of handling the projects, Radix presents itself as a strong contender for developing Rub On Rails based application with considerable size and complexity.

Some of the key areas demonstrating our capabilities in this practice are as provided below.

## ***Development Environment***

All the development systems are loaded with necessary tools/utilities to carry out RoR based development. The key tools installed include:

- Development Tools (Based on project Requirement)
  - RadRail
- Rails Framework 1.1.6, 2.x
- SVN Client Tortoise SVN
- DBMS Clients (Based on project Requirements)
- Capistrano (Based on Project/client requirements)

## ***Testing Environment***

The environment consists of separate server for deployment of demo or testing versions with full time Sr. Network & Infrastructure Manager & 2 Jr. Engineers to assist on network/connectivity and infrastructure related issues.

The updated versions of the developed applications are regularly deployed on the testing server which is utilized for internal as well as client testing. where application testing is done one various rails inbuilt testings

This environment helps the customer and end-user to test the application over the internet and provided their feedback/comments.

## ***Database***

We provide various options on database to the customer based on their requirements and production environment details. The current offerings for databases include

- MySQL
- Postgres
- Oracle 9i
- Oracle 10g
- MySQL

Radix has maintained its expertise in managing these database systems to fulfill the customer expectations.

## ***Source Controls***

Radix understands the importance of Contingency Planning and hence considers mandatory use of source control applications for all the development work undertaken. For the Rub On Rails practice, Radix uses SVN tool for the source control requirements.

Radix maintains a separate SVN Server to for SVN and implements scheduled backups of the server as a part of Business Contingency Planning.

## ***Coding Standards***

Radix Rub On Rails Practice recommends and uses RoR 37singles Standards as a part of naming conventions guidelines. This helps in standardization of the code and ease of readability for the reviewers.

Moreover, we also believe in maintaining appropriate code to comment ratio for all the source code generated.

## ***Other Best Practices***

Radix believes meeting and exceeding the customer expectations by making use of standard, best in industry practices for solution development. Few of the highlighted items we use as a best practice are as follows:

- Using Integration testing recommended best practices for RoR applications.
- Using Open Source tools like Radrails which is best IDE for rails application.
- Using unit-testing for RoR based application.
- Maintaining standard templates for logging issues, client clarifications, Application Features, etc.

## ***Our Expertise***

Radix has developed various sort of applications based on Rub On Rails Platform, catering different sorts of requirements. Few of the key areas where we have expertise in are as follows:

- B2C applications like Shopping Carts, service booking, etc.
- Content Management Systems.