

Ruby On Rails Services

- By Fidel Technologies

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About Fidel

Fidel helps organizations and business owners to focus on their core business by helping them with **Technology** and **Consulting** in **Implementing Business Solutions**.

Our Services

- **IT Services** (Application Development & Maintenance, Infrastructure Support)
- **Consulting & Business Solution Implementation** (Sterling Commerce MCF, SugarCRM, CMS (Joomla, Drupal, ModX), GoogleApps)
- **Localization & Testing** (L10N, Translation)

Offices

Tokyo (Japan), Pune (India)

What is Ruby On Rails?

- Ruby is a hi-level language very fast for development and Rails is its very famous web-application framework with huge community support. Its known for writing less code and more business logic implementation right from the beginning for any application.
- It's popularly know as ROR or Rails for short, Ruby on Rails is a web application framework option that seek to use logical steps to help create workable code for the creation of web sites. As an open source project that is written in Ruby program language, Ruby on Rails uses the Model-View-controller design pattern as the foundation for how the framework functions.
- There are two basic principles that govern the way that Ruby on Rails works. The first is often referred to as DRY, or Don't Repeat Yourself. The second principle is COC or Convention over Configuration. These help to minimize time spent on developing web pages.
- Ruby on Rails inherently support Agile Development Methodology. Rails framework also enforces consistency in style and encourages code reuse.

Why Ruby On Rails?

- Appreciable reduction in the code lengths and volume that enhances the speed of the project completion is seen with Ruby.
- Lessening the debugging pressure of the programmer, work moves at a smoother rate and more relaxed.
- Independent threading facility, irrespective of the operating system and the highly portable nature enhances the user-friendly nature of Ruby.
- Its built in web server WEBrick ameliorates Ruby's performance in web applications and its excellent potentiality in loading the extension libraries dynamically with less maintenance.
- Ruby creates an environment that makes the programmers to work more clearly, faster and be more meticulous and highly imaginative.
- Its Open Source and works on:
 - Ruby
 - The Rails framework
 - Web server such as Apache 1.3.x or 2.x, nginx, lighttpd, IIS, or any FastCGI (or SCGI)-capable webserver with a mod_rewrite-like module.
 - FastCGI or mod ruby for production performance.
 - Database and driver (e.g. MySQL, PostgreSQL, or SQLite).



Industries where Rails can be used

•Ruby On Rails is used all over the world to power Web sites of all shapes and sizes. For example:

- Corporate intra-nets and extra-nets
- Online magazines, newspapers, and publications
- E-commerce and on-line reservations
- Government applications
- Small business Web Applications
- Non-profit and organizational Web sites
- Community-based portals
- School Portals
- Web 2.0 Products
- Social Networking Applications
- Property / Job Applications
- More ... <http://rubyonrails.org/applications>

Ruby On Rails Related Services

- Development Services (*Deployment, Gap Analysis & Customization*)
- Deployment Services
- Professional Services
 - Offshore Development
 - Maintenance
- Support Services
 - Training
 - User support

Ruby On Rails Case Study 1 :

Client:

Client is a human resource management organization.

Problem:

- Develop focused community/social job portal for the recession hit laid off IT professionals with some simple features in limited time and budget.
- Job seeker were allowed create there short profile which were publicly viewable.
- Companies were allowed to post unlimited job posting.

Solution:

- Challenge was to develop first version of application in 3 days only.
- We used Ruby On Rails and we completed first release in just 48 hours and it was deployed and live on third day.
- Within a week we also delivered more two releases with Twitter and Facebook Connect integration.

Benefits:

- Rapid application development within very short period of time and application received overwhelming response
- Key features were:
 - Search and Tagging
 - Twitter Integration to post newly posted job on twitter stream
 - Facebook Connect integration as alternate signup

Ruby On Rails Case Study 2 :

Client:

Client is a travel & tourism company.

Problem:

- Building an innovative Map based portal for frequent travellers which will allow them to Plan, Share and Record there trips with friends and family.

Solution:

- We helped client conceptualize and build the product from very early stage.
- We used Google map extensively as map was the core of the system.
- Ruby on Rails framework was used to develop the application. Application architecture was design in way that it was very easy to extend the functionality.

Benefits:

- System was allowing Travelers to plot there trip on the map, linking locations together. Travelers can choose to add to his trip applications like Weather Bug application, Kayak flight booking application, etc.
- Application was deployed using Capistrano on Amazon EC2 servers. Static and dynamic caching was implemented for scaling requirement of the application. Application has very strong and robust Caching Expiry Policy in place.
- Key Features were:
 - Google Map and Goecoder Integration
 - Flickr integration for Photo Hosting
 - Facebook connect , gmail , open Id as alternate signups
 - GeoNames API
 - YouTube integration for video Hosting and Streaming
 - Memcache implementation

What we offer in Ruby On Rails?

Rails Web Application development	
Existing Rails Application- Feature additions or Maintaince	

We also provide hosting options. Please contact us for the details.

Contact Us

- For Ruby On Rails related deployment, implementation, support services and how we can help you do contact us at 91-20-66463200 and our sales / technical member can get back to you.

More information on Ruby On Rails : <http://www.rubyonrails.org>

More information on Fidel : <http://www.fideltech.com>

