**IEEE CS Workshop on Behavior Driven Development with Ruby on Rails**

**Date:**
6th August 2011, Saturday

**Time:**
10:00 AM – 5:30 PM

**Place:**
Seminar Hall, BVRIT Campus, Narsapur, Hyderabad

**Space is limited!**
Please register with all your details from the following (Max 50 participants)

**Registration Details**

**Professionals**
IEEE Member Participants - 500 INR
Non-IEEE Participants - 700 INR

**Students**
IEEE Member Participants - 300 INR
Non-IEEE Participants - 500 INR

**SYNOPSIS**

Ruby on Rails is an open source web framework that's optimized for programmer happiness and sustainable productivity. Rails adage of "convention over configuration" results in a development process that is nimble, agile, and fun! So what might have taken previously weeks or months to develop can be produced in a matter of days using Rails.

**It's all behavior**

The most significant problem affecting software development is communication. A software system consists of interactions between people and systems or between systems, and each such interaction reveals a behavior of the system – a behavior which is agreed upon by the stakeholders and software developers. However, in reality, gaps invariably develop between the understanding of the system by the stakeholders and the developers, resulting in software that doesn't meet the requirements. Behavior Driven Development (BDD) helps to keep the focus on the behavior right through the development process by simplifying the language used to convey the behavior that doubles up as executable tests!

**What you will learn / Take home**

Ruby on Rails, Ruby Language – a sneak peek; Why Rails?; Building a Sample Rails App; TDD and its limitation; BDD; BDD with Rails using Cucumber and RSpec; Building a Rails App with BDD.
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SCHEDULE

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<tr>
<th>Time</th>
<th>Topics / Activity</th>
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<tr>
<td>09:30 – 10:00</td>
<td>Registrations</td>
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<tr>
<td>10:00 – 12:00</td>
<td>Session 1: Ruby Language – a sneak peek; MVC; Rails – Introduction, History, Evolution; Understanding MVC with Rails; First Rails App</td>
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<td>12:00 – 12:15</td>
<td>Tea Break</td>
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<td>12:15 – 13:15</td>
<td>Session 2: Introduction to TDD, Limitations of TDD, Introduction to BDD, BDD in Rails with RSpec &amp; Cucumber</td>
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<td>13:15 – 14:00</td>
<td>Lunch</td>
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<td>14:00 – 15:30</td>
<td>Session 3: Hands on Code lab – A sample Rails App (PCs with full setup will be provided to all participants)</td>
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<td>15:30 – 15:45</td>
<td>Tea Break</td>
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<tr>
<td>15:45 – 17:15</td>
<td>Session 4: Hands on – A sample Rails App with BDD</td>
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ABOUT THE SPEAKERS

Arun Vyedianathan has 9 years experience working in software development with companies like Oracle and Infosys. Arun was involved in the design and development of many leading products in Oracle E-Business Suite. He is a Post Graduate in Computer Applications, certified Java Programmer. Presently he is running his own software consulting specializing in Ruby on Rails.

Suresh Iyer a passionate programmer with over 10 years experience working in software product development, was associated with iSOFT, a leading Healthcare IT solutions provider, and PSI Data Systems. Suresh is a B.Tech in Mechanical Engineering, and pursued his Diploma in Advanced Computing from C-DAC. He is an experienced C#,net and Delphi programmer, with a keen interest in technology and languages. Presently he is running his own software consulting specializing in Ruby on Rails.