Abstract

Agile development framework is a free, open source web application development framework. It aims at expanding the speed and ease with which database-driven web applications can be made. Agile web development emphasizes clear goals, planning, incremental and iterative delivery in this way guarantees the successful completion of a product at the end of each iteration. Successful interaction increases success of the application because of the core focus mainly on client participation. This declines problems that come with the development team changing the product in a late stage due to changes in requirements. Rather, both the development team and the clients are informed, therefore client confidence remains high and there are minimal delays till the end of the development and in addition deployment. All tasks are performed at defined period, with simply less documentation work. The agile environment deal with rapid application development and in this manner making developers to do software and web solutions in a shorter timeline[1]. Organization ranging from start-ups to established enterprises and have arrived at the conclusion that when making web applications, Ruby on Rails is the best choice. This paper highlights the Rails framework characteristics and its relevance to adaptive nature, iterative and incremental development using agile methodologies[2].

References
- Nerur S, Mahapatra R & Mangalraj G (2005), Challenges of migrating to agile methodologies Communication of the ACM, Vol. 48 No. 5, Pages 72-78 New York USA.
- Sudipto Das, Vinod Kone &quot;Ruby under Scanner: Comparison with Java&quot; University of California, Santa Barbara 2010
- Dwayne Read, &quot;Going Agile- A Case Study&quot;, 2010
- Aspire Systems, &quot;Ruby on Rails-Building Dynamic Web Products Faster&quot;, 2011.
- Feng Ji and Sedano T, &quot;Comparing Extreme Programming and Waterfall Project Results&quot; Carnegie Mellon University June 2011.
- Nystrom Anna, Agile Solo, &quot;Defining and Evaluating an Agile Software Development Process for a single Software Developer&quot; Chalmers University of Technology June 2011.
- Brian Wernham, &quot;Agile Project Management for Government Case study: The Success of the FBI Sentinel Project&quot; Talk given at the Agile Business Conference (ABC2012) 10th October 2012 held at the Inmarsat Centre, London
Index Terms

- Computer Science
- Information Science

Keywords

- Ruby on Rails (RoR)
- Rails Framework
- Agile development
- MVC architecture.