Abstract

A comparative study of a model, described based on the Model-View-Controller architecture paradigm which is built over the integration of the components and helps easy access of web services. MVC approach eases the horizontal development and maintenance of large scale distributed web applications in three frameworks. First is Big Blob framework, in this all the processing logics are part of GUI. Second is MVC architecture that easily works in command line or web interface. Third is Modified MVC Design. In implementation phase MVC architecture
A Comparative Analysis on Modeling and Implementing with MVC Architecture

deals with J2EE and JSP-Servlet environment for web and internet programming. Also applying
the MVC architecture with Multiple Frameworks gives privilege to work with few new concepts
like Struts and spring components.

Reference

1. Apple Mac OS X as on 13th September 2011
2. Java Notes as on 7th September 2011 http://leepoint.net/notes-java/index.html
4. Pattern Oriented Software Architecture- Vol. I by Frank Buschmann, Regine Munie, Hans
Rohnert, Peter Sommerlad, Michal Stal - John Wiley & sons Publication, 2006
6. Praveen Gupta et. al. / (IJCSE) International Journal on Computer Science and
Engineering Vol. 02, No. 04, 2010, 1047-1051
7. Erxiang Chen; Minghui Liu, "Research and Design on Library Management System
Based on Struts and Hibernate Framework", in WASE International Conference on Information
Engineering ICIE 09, 2009, Vol. 2, PP. 310-313
8. Juanjuan Yan; Bo Chen; Xiu-e Gao, "Le Wang; Research of Structure Integration Based
on Struts and Hibernate", in 2009 WRI World Congress on Computer Science and Information
9. Yonglei Tao: "Component- vs. application-level MVC architecture", in Frontiers in
10. Meiyu Fang, "Design and Implement of a Web Examination System Using Struts and
11. Shu-qiang Huang, Huan-ming Zhang," Research on Improved MVC Design Pattern
Based on Struts and XSL",, in Information Science and Engineering ISISE 08 International
framework and file upload issues in web applications based on J2EE platform", in Proceedings
of the International Conference on Modern Problems of Radio Engineering,
13. Wang Ning; Li Liming; Wang Yanzhang; Wang Yi-bing; Wang Jing, "Research on the
Web Information System Development Platform Based on MVC Design Pattern",in
IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology,
14. Decoupling MVC: J2EE design pattern integration by Francisco macia-perez, virgilio
gilart-iglesias, diego marcos-jorquera, juan manuel garcia-chamizo.

Index Terms

Computer Science Web Services
Key words

GUI

COCA

GET

POST

HTTP

Spring

Model

View

Controller etc