

Experiment No: 8

Aim: Design & develop any web application using struts framework

Problem statement: create login page for the web applⁿ using struts framework.

SW & HW: Java 1.7 or higher, Apache tomcat 7 or Higher, struts API's, Eclipse, JSP

Theory:

- The framework plays a vital role in industries for manageable & well designed applⁿ development as well as enterprise applⁿ development.
- The core of Struts is a flexible control layer based on standard technologies like Java Servlets, JavaBeans, Resource bundles & XML as well as previous Jakarta commons package.
- The model view controller architecture.
- It is a way to build applⁿ that promotes complete separation betⁿ business logic & presentation.
- It is not specific to web applⁿ or Java or JSP, but it can be applied to building JSP web applications.

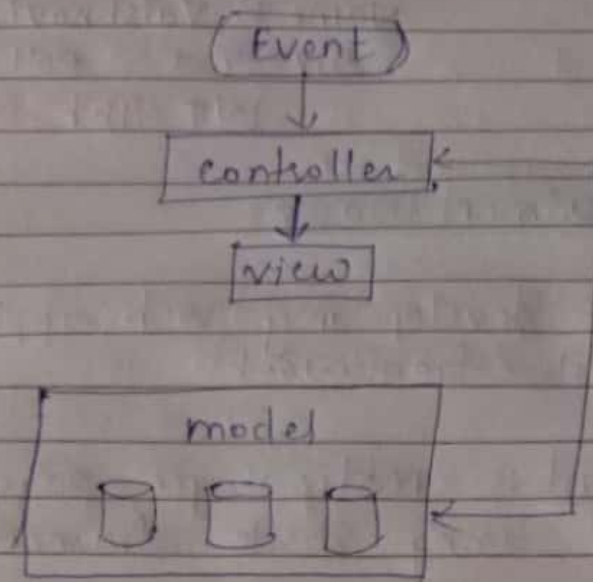


Fig. Basic MVC architecture

What is struts?

struts is a framework that advances the utilization of the model view controller engineering for planning substantial scale applications.

Steps / Design :

- 1] create directory structure
- 2] create Jsp page
- 3] Provide entry of controller in file
- 4] Load Jar files
- 5] Start server & deploy project or create .war file paste it in webpages folder & run.

Conclusion: Hence, we have successfully tested struts framework & tested the results