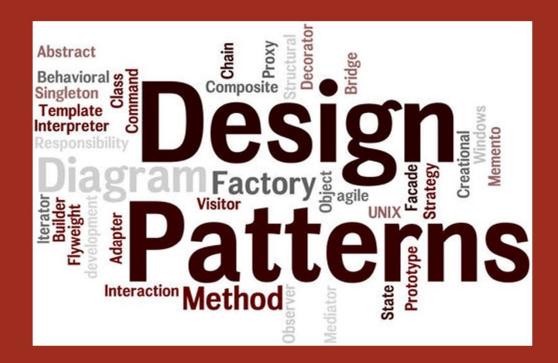
Design Patterns Web level Design Patterns

6. Intercepting Filter Design Pattern



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Abstract Controller

The **Abstract Controller** is the helper java class for Front Controller (Servlets / JSP), it provides environment to programmer to customize the logic of Front Controller.

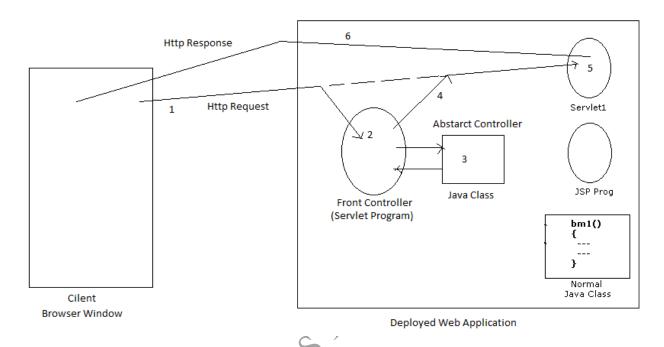


Fig: Abstract Controller along with Front Controller

Ex: In strut 1.x environment RequestProcessor class acts as Abstract Controller for the Front Controller (ActionServlet). Because it takes care of all request processing operations on behalf of the ActionServlet like Form Bean class, Action class object cfeation, calling validate(), execute(-,-,-,-) methods etc.

In general Front Controller explicitly instantiates the Abstract Controller Java class and call its methods.

In struts 1.x environment, if you want to customize the logic of ActionServlet (Front Controller) then we have to develop custom RequestProcessor class (Abstract Controller) and then instantiates in Front Controller and call its methods.

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