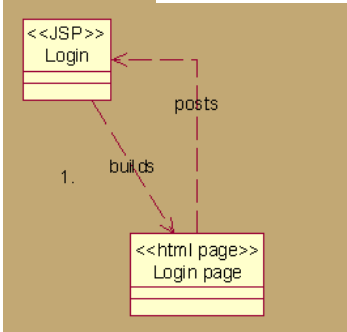# Struts 2

Trương Phước Lộc

12/2012

Java web application

- Java 2 web application options:
  - Servlets
    - + Great for Java people
    - - Difficult to manage graphical changes in HTML layout.
  - JSP
    - + Great for web developers
    - - Seductive tendency to write logic in the JSP page.
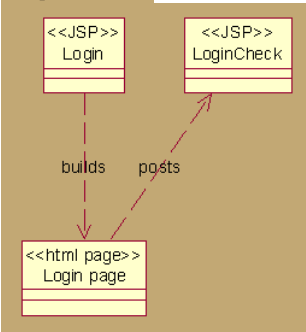
JSP Model 1

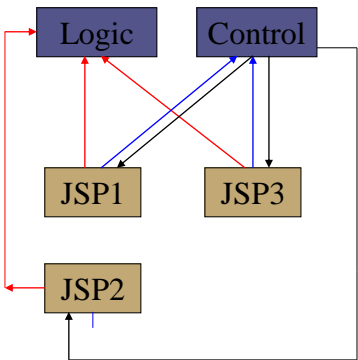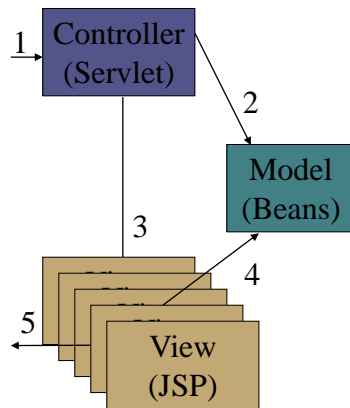Web applications where JSP pages are used for every aspect of the development.

3

JSP Model 2

4

2

JSP MVC
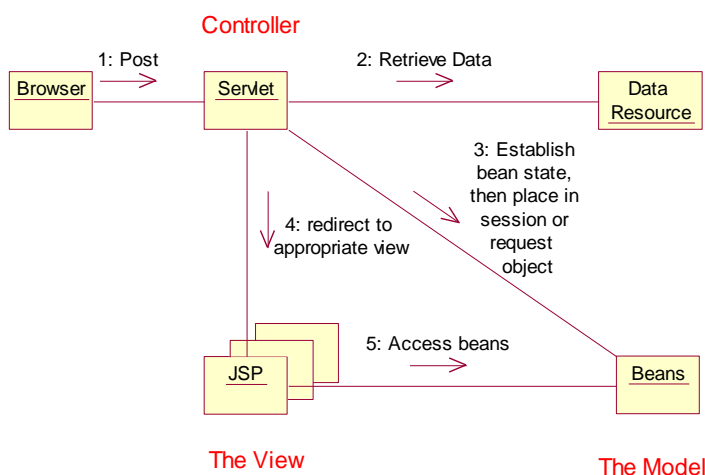
Model
– Information is provided in objects or beans

View
– The JSP provide the view

Controller
– Servlet provides control logic and becomes the controller

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JSP MVC

Controller

Browser → 1: Post → Servlet → 2: Retrieve Data → Data Resource

3: Establish bean state, then place in session or request object

4: redirect to appropriate view

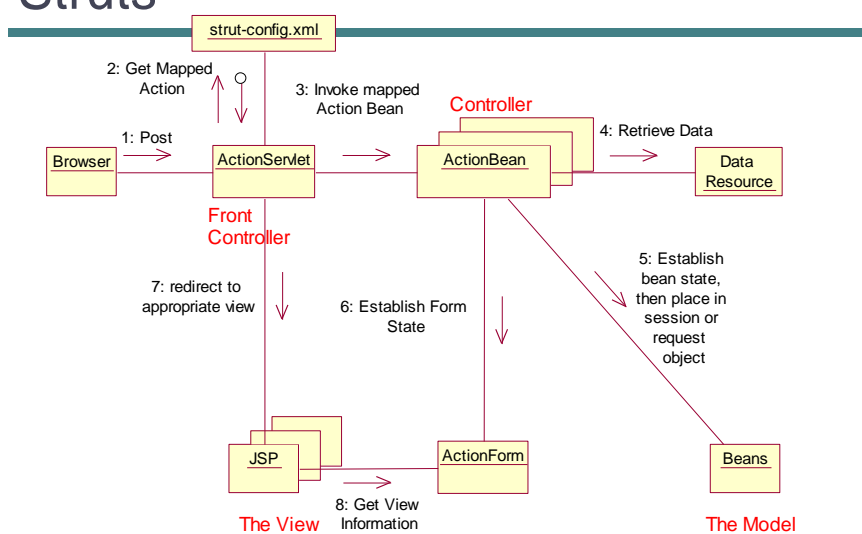JSP → 5: Access beans → Beans

The View   The Model

6

3

Struts

- Open Source java framework for creating web applications.
- Action Based Framework
- Create web application using MVC 2 architecture
- Apache Struts offer two major version
  - Struts 1.x
  - Struts 2.0
- Struts 2 = WebWork + Struts

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Struts

8

4

Demo

- Hello world
- Database
- Hibernate
- Tiles

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References

- *http://struts.apache.org/2.2.1/index.html*
- *Java course – Nguyen Hoang Anh*
- http://viralpatel.net/blogs/struts-2-tiles-plugin-tutorial-with-example-in-eclipse/
- http://viralpatel.net/blogs/tutorial-creating-struts-application-in-eclipse/

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Khoa CNTT-ĐH.KHTN

Q & A

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