# JSP MASTER PAGE

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# Nội dung trình bày

- Master Page Tiles 1

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# MASTER PAGE TILES 1

# Master Page – Tiles Library

- Truy cập vào địa chỉ :

- http://archive.apache.org/dist/tiles/v2.1.2/

- Chọn

- **tiles-2.1.2-bin.zip**

# Master Page – Tiles Library

- commons-beanutils-1.8.0.jar

- commons-digester-1.8.1.jar

- commons-logging-api-1.1.jar

- tiles-api-2.1.2.jar

- tiles-core-2.1.2.jar

- tiles-jsp-2.1.2.jar

- tiles-servlet-2.1.2.jar

# Master Page – tiles.xml

```xml
<?xml version="1.0" encoding="ISO-8859-1" ?>
<!DOCTYPE tiles-definitions PUBLIC
            "-//Apache Software Foundation//DTD Tiles
Configuration 2.0//EN"
            "http://tiles.apache.org/dtds/tiles-
config_2_0.dtd">
<tiles-definitions>
    <definition name="lamnhungoc" template="/template.jsp">
        <put-attribute name="header" value="/header.jsp" />
        <put-attribute name="left" value="/left.jsp" />
        <put-attribute name="body" value="/body.jsp" />
        <put-attribute name="right" value="/right.jsp" />
        <put-attribute name="footer" value="/footer.jsp" />
    </definition>
</tiles-definitions>
```

# Master Page – template.jsp

```
1   <%@ taglib uri="http://tiles.apache.org/tags-tiles" prefix="tiles" %>
2   <html>
3       <body style="width:100%;height:100%">
4           <table border="1" style="width:80%;height:80%">
5               <tr>
6                   <td colspan="3">
7                       <tiles:insertAttribute name="header" /></td>
8               </tr>
9               <tr>
10                  <td><tiles:insertAttribute name="left" /></td>
11                  <td><tiles:insertAttribute name="body" /></td>
12                  <td><tiles:insertAttribute name="right" /></td>
13              </tr>
14              <tr>
15                  <td colspan="3">
16                      <tiles:insertAttribute name="footer" /></td>
17              </tr>
18          </table>
19      </body>
20  </html>
```

# Master Page – web.xml

```xml
1   <?xml version="1.0" encoding="UTF-8"?>
2   <web-app version="2.5" xmlns="http://java.sun.com/xml/ns/javaee"
3   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4   xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
5   http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd">
6       <session-config>
7           <session-timeout>
8               30
9           </session-timeout>
10      </session-config>
11      <welcome-file-list>
12          <welcome-file>index.jsp</welcome-file>
13      </welcome-file-list>
14      <context-param>
15          <param-name>
16              org.apache.tiles.definition.DefinitionsFactory.DEFINITIONS_CONFIG
17          </param-name>
18          <param-value>/WEB-INF/tiles.xml</param-value>
19      </context-param>
20      <listener>
21          <listener-class>org.apache.tiles.web.startup.TilesListener</listener-class>
22      </listener>
23  </web-app>
```

## Master Page – index.jsp

```
1    <%@ taglib uri="http://tiles.apache.org/tags-tiles"
2    prefix="tiles" %>
3    <tiles:insertDefinition name="lamnhungoc" />
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
```

# Master Page – Tiles 1 – about.jsp

# MASTER PAGE TILES 2

# Master Page – about.jsp

```
1   <div>This is about</div>
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
```

# Master Page – tiles.xml

```xml
1   <?xml version="1.0" encoding="ISO-8859-1" ?>
2   <!DOCTYPE tiles-definitions PUBLIC
3                  "-//Apache Software Foundation//DTD Tiles Configuration
4   2.0//EN"
5                  "http://tiles.apache.org/dtds/tiles-config_2_0.dtd">
6   <tiles-definitions>
7       <definition name="lamnhungoc" template="/template.jsp">
8           <put-attribute name="header" value="/header.jsp" />
9           <put-attribute name="left" value="/left.jsp" />
10          <put-attribute name="body" value="/body.jsp" />
11          <put-attribute name="right" value="/right.jsp" />
12          <put-attribute name="footer" value="/footer.jsp" />
13      </definition>
14      <definition name="about" template="/template.jsp">
15          <put-attribute name="header" value="/header.jsp" />
16          <put-attribute name="left" value="/left.jsp" />
17          <put-attribute name="body" value="/about.jsp" />
18          <put-attribute name="right" value="/right.jsp" />
19          <put-attribute name="footer" value="/footer.jsp" />
        </definition>
    </tiles-definitions>
```

# Master Page – aboutPage.jsp

```
1   <%@ taglib uri="http://tiles.apache.org/tags-tiles"
2   prefix="tiles" %>
3   <tiles:insertDefinition name="about" />
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
```

# Master Page – Tiles 1

# MASTER PAGE TILES 3

# Master Page – aboutPage.jsp

```xml
1  <?xml version="1.0" encoding="ISO-8859-1" ?>
2  <!DOCTYPE tiles-definitions PUBLIC
3              "-//Apache Software Foundation//DTD Tiles
4  Configuration 2.0//EN"
5              "http://tiles.apache.org/dtds/tiles-
6  config_2_0.dtd">
7  <tiles-definitions>
8      <definition name="lamnhungoc" template="/template.jsp">
9          <put-attribute name="header" value="/header.jsp" />
10         <put-attribute name="left" value="/left.jsp" />
11         <put-attribute name="body" value="/body.jsp" />
12         <put-attribute name="right" value="/right.jsp" />
13         <put-attribute name="footer" value="/footer.jsp" />
14     </definition>
15     <definition name="about" extends="lamnhungoc">
16         <put-attribute name="body" value="/about.jsp" />
17     </definition>
18 </tiles-definitions>
```

# Master Page – Tiles 3

**HỎI VÀ ĐÁP**