

Struts 2 Web

⚠	Struts 2J2EE <ul style="list-style-type: none">• Java• Filters, JSP, and Tag Libraries• JavaBeans• HTML and HTTP• Web Containers (such as Tomcat)• XML
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Java

Struts 2 Servlet API 2.4JSP 2.0Java 5

Struts 2 antweb Maven

Google Code - <http://code.google.com/p/struts2-examples/downloads/list>

AntMaven

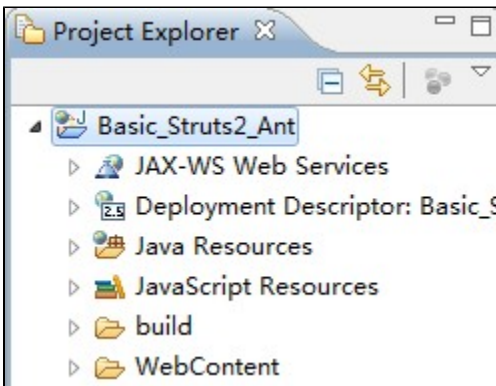
Ant

.Basic_Struts_Ant Basic_Struts2_AntReadme.txt

Struts 2jarClasspathStruts 2

Step 1 - Web

java IDE Web application projectBasic_Struts2_Ant



Step 2 - index.jsp

index.jspitleBasic Struts 2 Application - WelcomeWelcome to Struts 2!
eclipse



Step 3 - Struts 2jarClass Path

Struts 2jarjarWEB-INF\lib

1. asm-x.x.jar
2. asm-commons-x.x.jar
3. asm-tree-x.x.jar
4. commons-fileupload-X.X.X.jar
5. commons-io-X.X.X.jar
6. commons-lang3-X.X.X.jar
7. commons-fileupload-X.X.X.jar
8. freemarker-X.X.X.jar
9. javassist-X.X.X.jar
10. ognl-X.X.X.jar
11. struts2-core-X.X.X.X.jar
12. xwork-core-X.X.X.jar

Struts 2jarjarStruts 2Struts 2jarjar

Step 4 -

log4jlog4jjarWEB-INF\liblog4j

```
log4j.xmlsrc<?xml version="1.0" encoding="UTF-8" ?>
<!DOCTYPE log4j:configuration PUBLIC "-//log4j/log4j Configuration//EN" "log4j.dtd">

<log4j:configuration xmlns:log4j="http://jakarta.apache.org/log4j/">

<appender name="STDOUT" class="org.apache.log4j.ConsoleAppender">
<layout class="org.apache.log4j.PatternLayout">
<param name="ConversionPattern" value="%d %-5p %c.%M:%L - %m%n"/>
</layout>
</appender>

<!-- specify the logging level for loggers from other libraries -->
<logger name="com.opensymphony">
<level value="DEBUG" />
</logger>

<logger name="org.apache.struts2">
<level value="DEBUG" />
</logger>

<!-- for all other loggers log only debug and above log messages -->
<root>
<priority value="INFO"/>
<appender-ref ref="STDOUT" />
</root>

</log4j:configuration>
```

Step 5 - Struts 2 Servlet Filter

Struts 2 web.xml Servlet Filter Filter mapping

```
<filter>
<filter-name>struts2</filter-name>
<filter-class>org.apache.struts2.dispatcher.ng.filter.StrutsPrepareAndExecuteFilter</filter-class>
</filter>
<filter-mapping>
<filter-name>struts2</filter-name>
<url-pattern>/*</url-pattern>
</filter-mapping>
```

Step 6 - struts.xml

Struts 2 XML struts.xml src struts.xml webclass path

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE struts PUBLIC
"-//Apache Software Foundation//DTD Struts Configuration 2.0//EN"
"http://struts.apache.org/dtds/struts-2.0.dtd">
<struts>
```

```
<constant name="struts.devMode" value="true" />
```

```
<package name="basicstruts2" extends="struts-default">
```

```
<action name="index">
<result>/index.jsp</result>
</action>
```

```
</package>
```

```
</struts>
```

URL index.action
index.jsp
struts.xml

Step 7 -

eclipse tomcat http://localhost:8080/Basic_Struts2_Ant/index.action
eclipse

Maven

Maven Ant

[Create Struts 2 Web Application Using Maven To Manage Artifacts and To Build The Application](#)