

Version Notes 2.3.24

✔ These are the notes for the Struts 2.3.24 distribution.

✔ For prior notes in this release series, see [Version Notes 2.3.20](#)

- If you are a Maven user, you might want to get started using the [Maven Archetype](#).
- Another quick-start entry point is the **blank** application. Rename and deploy the WAR as a starting point for your own development.

Maven Dependency

```
<dependency>
  <groupId>org.apache.struts</groupId>
  <artifactId>struts2-core</artifactId>
  <version>2.3.24</version>
</dependency>
```

You can also use Struts Archetype Catalog like below

Struts Archetype Catalog

```
mvn archetype:generate -DarchetypeCatalog=http://struts.apache.org/
```

Staging Repository

```
<repositories>
  <repository>
    <id>apache.nexus</id>
    <name>ASF Nexus Staging</name>
    <url>https://repository.apache.org/content/groups/staging/</url>
  </repository>
</repositories>
```

Internal Changes

- ⚠ fixed flow in `DefaultActionInvocation` and when using the [Convention Plugin](#), see [WW-4433](#)
- ⚠ defined new plugin to support Java 8, check [Java 8 Support Plugin](#) and see [WW-4435](#)
- fixed problem with `style` attribute, see [WW-4430](#)
- fixed problem with converting values from `ActionContext`, see [WW-4427](#)
- converters are again applied to values coming from the context, see [WW-4427](#)
- ⚠ `struts.ognl.allowStaticMethodAccess` works again, see [WW-4429](#)
- fixed memory leak in CDI plugin, see [WW-4441](#)
- fixed problem with hidden field which silently drops 'label' attribute, see [WW-4447](#)
- fixed parameters encoding in `ServletRedirectAction` before checking for valid URI, see [WW-4448](#)
- `css_xhtml` hidden input adding table row markup, see [WW-4454](#)
- ⚠ FreeMarker was upgraded to the latest available version - 2.3.22, see [WW-4484](#) - which means you can enable [incompatible improvements](#)
- support for Log4j2 was added, see [WW-4492](#)
- and many other improvements, please check the [version notes](#)



Please read information about new [internal security mechanism](#) introduced with the previous version and extended in this version!

Security Note

This version moves all excluded parameters from `struts-default.xml` into `DefaultExcludedPatternsChecker.java` - if you cannot migrate to the latest version it's highly recommended to re-define `defaultStack` from `struts-default.xml` to this one below (or any other which is used in your application and drop `excludeParams` parameter):

Redefined defaultStack

```
<interceptor-stack name="myDefaultStack">
  <interceptor-ref name="exception"/>
  <interceptor-ref name="alias"/>
  <interceptor-ref name="servletConfig"/>
  <interceptor-ref name="i18n"/>
  <interceptor-ref name="prepare"/>
  <interceptor-ref name="chain"/>
  <interceptor-ref name="scopedModelDriven"/>
  <interceptor-ref name="modelDriven"/>
  <interceptor-ref name="fileUpload"/>
  <interceptor-ref name="checkbox"/>
  <interceptor-ref name="datetime"/>
  <interceptor-ref name="multiselect"/>
  <interceptor-ref name="staticParams"/>
  <interceptor-ref name="actionMappingParams"/>
  <interceptor-ref name="params"/>
  <interceptor-ref name="conversionError"/>
  <interceptor-ref name="validation">
    <param name="excludeMethods">input,back,cancel,browse</param>
  </interceptor-ref>
  <interceptor-ref name="workflow">
    <param name="excludeMethods">input,back,cancel,browse</param>
  </interceptor-ref>
  <interceptor-ref name="debugging"/>
  <interceptor-ref name="deprecation"/>
</interceptor-stack>
```

and define the following constant in `struts.xml`

```
<constant name="struts.additional.excludedPatterns" value="^(action|method):.*"/>
```

Issue Detail

- [JIRA Release Notes 2.3.24](#)

Issue List

- [Struts 2.3.24 DONE](#)
- [Struts 2.3.x TODO](#)

Other resources

- [Commit Logs](#)
- [Source Code Repository](#)