

# Version Notes 2.3.15

✔ These are the notes for the Struts 2.3.15 distribution.

✔ For prior notes in this release series, see [Version Notes 2.3.14.3](#)

- 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>2.3.15</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

- Merged security fix from version 2.3.14.1, 2.3.14.2 and 2.3.14.3
- Resolved problem with memory leak in ContainerHolder
- Resolved bug related to `struts.convention.action.includeJars`, see [WW-4038](#)
- Improved OSGi support to allow work in Glassfish 3, see [WW-3958](#)
- Added support to create cookies from within an action [WW-4037](#)
- New interface - `ValidationAware` - was added to allow notify actions when there are action/field errors [WW-4071](#)
- and other small improvements

## Issue Detail

- [JIRA Release Notes 2.3.15](#)

## Issue List

- [Struts 2.3.15 DONE](#)
- [Struts 2.3.16 TODO](#)
- [Struts 2.3.x TODO](#)

## Other resources

- [Commit Logs \(Struts 1 and Struts 2\)](#)
- [Source Code Repository \(includes change browsing\)](#)