

Version Notes 2.3.34

✔ These are the notes for the Struts 2.3.34 distribution.

✔ For prior notes in this release series, see [Version Notes 2.3.33](#)

- 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.
- There is huge number of examples you can also use as a starting point for you application [here](#)

Maven Dependency

```
<dependency>
  <groupId>org.apache.struts</groupId>
  <artifactId>struts2-core</artifactId>
  <version>2.3.34</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

- ⚠ A regular expression Denial of Service when using URLValidator (similar to S2-044 & S2-047), see [S2-050](#)
- ⚠ A remote attacker may create a DoS attack by sending crafted xml request when using the Struts REST plugin, see [S2-051](#)
- ⚠ Possible Remote Code Execution attack when using the Struts REST plugin with XStream handler to handle XML payloads, see [S2-052](#)
- ⚠ A possible Remote Code Execution attack when using an unintentional expression in Freemarker tag instead of string literals, see [S2-053](#)

Bug

- [\[WW-4176\]](#) - Struts2 JSON Plugin: Send Map with Strings as Key to JSON Action is ignored, Numeric Keys will work and mapped
- [\[WW-4817\]](#) - Threads get blocked due to unnecessary synchronization in OgnlRuntime

Dependency

- [\[WW-4832\]](#) - Upgrade to OGNL 3.0.21
- [\[WW-4844\]](#) - Upgrade to struts-master 11

Improvement

- [\[WW-4834\]](#) - Improve RegEx used to validate URLs



This release contains fixes related to [S2-050](#), [S2-051](#), [S2-052](#) and [S2-053](#) - please read them carefully!

Issue Detail

- [JIRA Release Notes 2.3.34](#)

Issue List

- [Struts 2.3.34 DONE](#)
- [Struts 2.3.x TODO](#)

Other resources

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