

# Version Notes 2.5.13

These are the notes for the Struts 2.5.13 distribution.

For prior notes in this release series, see [Version Notes 2.5.12](#)

- If you are a Maven user, you might want to get started using the [Maven Archetype](#).

## Maven Dependency

```
<dependency>
  <groupId>org.apache.struts</groupId>
  <artifactId>struts2-core</artifactId>
  <version>2.5.13</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](#)

## Bug

- [\[WW-4176\]](#) - Struts2 JSON Plugin: Send Map with Strings as Key to JSON Action is ignored, Numeric Keys will work and mapped
- [\[WW-4813\]](#) - NP with TextProvider and wildcardmapping
- [\[WW-4817\]](#) - Threads get blocked due to unnecessary synchronization in OgnlRuntime
- [\[WW-4818\]](#) - Default Multipart validation regex is invalid
- [\[WW-4827\]](#) - Not fully initialized ObjectFactory tries to create beans
- [\[WW-4828\]](#) - <http://struts.apache.org/dtds/struts-2.5.dtd> missing
- [\[WW-4829\]](#) - Set a global resource bundle in class
- [\[WW-4830\]](#) - Override TextProvider doesnot work in struts 2.5.12
- [\[WW-4831\]](#) - Array-of-null parameters are converted to string "null"
- [\[WW-4839\]](#) - JakartaStreamMultiPartRequest Should Honor "struts.multipart.maxSize"
- [\[WW-4840\]](#) - Build Fails Due to Unused com.sun Import
- [\[WW-4841\]](#) - Struts2.5.12 - NPE in DelegatingValidatorContext
- [\[WW-4842\]](#) - Struts 2 Fails to Initialize with JRebel

## Improvement

- [\[WW-4808\]](#) - Allow define more than one Action suffix
- [\[WW-4823\]](#) - Remove jQuery from debugging interceptor views
- [\[WW-4824\]](#) - update dependencies page on the struts site
- [\[WW-4834\]](#) - Improve RegEx used to validate URLs
- [\[WW-4835\]](#) - Make REST ContentHandlers configurable
- [\[WW-4838\]](#) - expose Freemarker incompatible\_improvements into FreemarkerManager and StrutsBeansWrapper

## Dependency

- [\[WW-4819\]](#) - Upgrade Commons Collections to 3.2.2
- [\[WW-4821\]](#) - Upgrade Commons IO to 2.5
- [\[WW-4826\]](#) - Upgrade to ASM version 5.2
- [\[WW-4833\]](#) - Upgrade to OGNL 3.1.15
- [\[WW-4836\]](#) - Upgrade xstream to the latest version
- [\[WW-4844\]](#) - Upgrade to struts-master 11

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

### Issue Detail

- [JIRA Release Notes 2.5.13](#)

## Issue List

- [Struts 2.5.13 DONE](#)
- [Struts 2.5.x TODO](#)

## Other resources

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