

# Version Notes 2.5

- ✔ These are the notes for the Struts 2.5 distribution.
- ✔ For prior notes in this release series, see [Version Notes 2.3.28.1](#)
  - 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</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

- ⚠ All security patches from prior versions were merged into this version
- XWork source was merged into Struts Core source, it means that there be no more `xwork` artifact nor dedicated jar
- Spring dependency for tests and spring plugin was upgraded to version 4.1.6, see [WW-4510](#).
- Struts2 internal logging api was marked as deprecated and was replaced with new [Log4j2](#) api as logging layer, see [WW-4504](#).
- Struts2 is now build with JDK7, see [WW-4503](#).
- New plugin to support [bean validation](#) is now part of the distribution, see [WW-4505](#).
- Deprecated plugins are now removed from the distribution and are not longer supported anymore.
  - Dojo Plugin
  - Codebehind Plugin
  - JSF Plugin
  - Struts1 Plugin
- New security option was added - Strict Method Invocation (also known as Strict DMI), see [WW-4540](#)
- Added support for latest stable AngularJS in Maven archetype, see [WW-4522](#)
- Dropped support for `id` and `name` - replaced with `var`, see [WW-2069](#)
- Dedicated archive with a minimal set of dependencies was introduced, see [WW-4570](#)
- It is possible to use multiple names when defining a result, see [WW-4590](#)
- Rest plugin honors Accept header, see [WW-4588](#)
- New result 'JSONActionRedirectResult' in json-plugin was defined, see [WW-4591](#)
- Tiles plugin was upgrade to the latest Tiles 3 and tiles3-plugin was dropped, see [WW-4584](#)
- JasperReports plugins was upgraded to JasperReport 6.0, see [WW-4381](#)
- OGNL was upgraded to version 3.1.4 and it breaks access to properties as it follows Java Bean Specification, see [WW-4207](#) and [WW-3909](#)
- Annotations to configure Tiles, see [WW-4594](#) and [Tiles Plugin](#)

## Package names have changed

Some classes were moved to different packages, see the list below for more details:

- New:
  - `org.apache.struts2.dispatcher.filter.StrutsPrepareAndExecuteFilter`
  - `org.apache.struts2.dispatcher.filter.StrutsExecuteFilter`
  - `org.apache.struts2.dispatcher.filter.StrutsPrepareFilter`
  - `org.apache.struts2.dispatcher.listener.StrutsListener`

```
org.apache.struts2.result.ServletRedirectResult
com.opensymphony.xwork2.interceptor.ValidationAware
■ Old:
org.apache.struts2.dispatcher.ng.filter.StrutsPrepareAndExecuteFilter
org.apache.struts2.dispatcher.ng.filter.StrutsExecuteFilter
org.apache.struts2.dispatcher.ng.filter.StrutsPrepareFilter
org.apache.struts2.dispatcher.ng.listener.StrutsListener
org.apache.struts2.dispatcher.ServletRedirectResult
com.opensymphony.xwork2.ValidationAware
```

## Issue Detail

- [JIRA Release Notes 2.5](#)

## Issue List

- [Struts 2.3.28 DONE](#)
- [Struts 2.5.x TODO](#)

## Other resources

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