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](#)