

# CoreRelease214

## Notes on the [MyFaces](#) Core 2.1.4 Release

Release manager: Leonardo Uribe

### Timeline

- Proposed release date: 2011-11-20

### Issues

### Testing

Here's how you can help us test the distribution.

Download a nightly build of the distribution assemblies:

- <http://people.apache.org/builds/myfaces/nightly/>

Configure a <repository> for Maven 2:

```
<repository>
  <id>apache.snapshots</id>
  <name>Apache Snapshot Repository</name>
  <url>http://people.apache.org/repo/m2-snapshot-repository</url>
</repository>
```

And declare a dependency on the 2.1.4 snapshots:

```
<dependency>
  <groupId>org.apache.myfaces.core</groupId>
  <artifactId>myfaces-api</artifactId>
  <version>2.1.4-SNAPSHOT</version>
</dependency>
<dependency>
  <groupId>org.apache.myfaces.core</groupId>
  <artifactId>myfaces-impl</artifactId>
  <version>2.1.4-SNAPSHOT</version>
</dependency>
```

**Note:** Maven 2.1.4 will **not** download a new version if one is already present in your local repository. You will need to **delete** \$M2\_REPO/org/apache/myfaces/core to force Maven to download the new version. (Usually, \$M2\_REPO is <your home directory>/.m2/repository.)

Test your application, then, let us know the results (good or bad!) on *dev* ~~at~~ *myfaces.apache.org*. (You must be subscribed to post. See: <http://myfaces.apache.org/mail-lists.html>.)

### Tasks

## Proposed Release Announcement

```
}}}
```

```
== Diary ==
```

```
<<Anchor(diary)>>
```

Follow the guide on <http://www.apache.org/dev/publishing-maven-artifacts.html>

#### 1. Preparing shared 4.1.2

- Try -DdryRun=true SUCCESS

```
{{{
```

```
mvn release:prepare -DdryRun=true
```

- Release it! FAIL

```
mvn release:prepare -Dresume=false
```

```
mvn install
```

```
mvn release:rollback
```

```
mvn release:prepare -Dresume=false
```

Note: Preparing the release will create the new tag in SVN, automatically checking in on your behalf.

Note: If you're located in Europe then release:prepare may fail with 'Unable to tag SCM' and 'svn: No such revision X'. Wait 10 seconds and run mvn release:prepare again.

```
mvn release:prepare
```

- Stage the release for a vote

```
mvn release:perform
```

#### 2. Preparing core 2.1.4

- Try -DdryRun=true SUCCESS

```
mvn clean install
```

```
mvn install -Pgenerate-assembly -Papache-release
```

```
mvn release:prepare -DprepareRelease=true -DdryRun=true
```

- Release it! FAIL

```
mvn release:prepare -DprepareRelease=true -Dresume=false
```

```
mvn install
```

```
mvn install -Pgenerate-assembly -Papache-release
```

```
mvn release:rollback -DprepareRelease=true
```

```
mvn release:prepare -DprepareRelease=true -Dresume=false
```

Note: Preparing the release will create the new tag in SVN, automatically checking in on your behalf.

Note: If you're located in Europe then release:prepare may fail with 'Unable to tag SCM' and 'svn: No such revision X'. Wait 10 seconds and run mvn release:prepare again.

```
mvn release:prepare -DprepareRelease=true
```

- Stage the release for a vote

```
mvn release:perform -DperformRelease=true
```

- Checkout generated tag mvn install -DperformRelease=true

#### 4. JIRA Release Management

- Create 2.1.1 and 2.1.1-SNAPSHOT versions
- Find resolved issues and close them
- Unresolved issues moved to 2.1.1-SNAPSHOT
- Issues fixed on both 2.1.1, 2.0.6 should be saved on a text file to add it later.

#### 5. Next step is the TCK

TCK passed confirmed by Leonardo Uribe

#### 6. Generate assembly

- Try to do it automatically javadoc and other stuff SUCCESS. It generate myfaces-core-2.1.4-bin.tar.gz and zip,

```
mvn install -Pgenerate-assembly
cd assembly
mvn package
```

- Create myfaces-core-2.1.4-src.tar.gz and zip manually and create .asc .md5 .sha1 for bin and src

```
openssl md5 myfaces-core-2.1.4-src.tar.gz > myfaces-core-2.1.4-src.tar.gz.md5
openssl md5 myfaces-core-2.1.4-src.zip > myfaces-core-2.1.4-src.zip.md5
openssl sha1 myfaces-core-2.1.4-src.tar.gz > myfaces-core-2.1.4-src.tar.gz.sha1
openssl sha1 myfaces-core-2.1.4-src.zip > myfaces-core-2.1.4-src.zip.sha1
gpg --armor --output myfaces-core-2.1.4-src.tar.gz.asc --detach-sig myfaces-core-2.1.4-src.tar.gz
gpg --armor --output myfaces-core-2.1.4-src.zip.asc --detach-sig myfaces-core-2.1.4-src.zip

openssl md5 myfaces-core-2.1.4-bin.tar.gz > myfaces-core-2.1.4-bin.tar.gz.md5
openssl md5 myfaces-core-2.1.4-bin.zip > myfaces-core-2.1.4-bin.zip.md5
openssl sha1 myfaces-core-2.1.4-bin.tar.gz > myfaces-core-2.1.4-bin.tar.gz.sha1
openssl sha1 myfaces-core-2.1.4-bin.zip > myfaces-core-2.1.4-bin.zip.sha1
gpg --armor --output myfaces-core-2.1.4-bin.tar.gz.asc --detach-sig myfaces-core-2.1.4-bin.tar.gz
gpg --armor --output myfaces-core-2.1.4-bin.zip.asc --detach-sig myfaces-core-2.1.4-bin.zip
```

- Copy to private account on people.apache.org

```
scp -p -r myfaces-core-2.1.4-bin* lu4242@people.apache.org:/home/lu4242/public_html/myfaces214binsrc/binaries
scp -p -r myfaces-core-2.1.4-src* lu4242@people.apache.org:/home/lu4242/public_html/myfaces214binsrc/sources
```

- ALTERNATIVE: get it from nexus maven repository:



Hi,

I was running the needed tasks to get the 2.1.4 release of Apache MyFaces core out.

The artifacts passed all TCK tests.

Please note that this vote concerns all of the following parts:

1. Maven artifact group "org.apache.myfaces.shared" v4.1.2 [1]
2. Maven artifact group "org.apache.myfaces.core" v2.1.4 [1]

The artifacts were deployed on nexus repo [1] and to my private Apache account [3] for binary and source packages.

The release notes could be found at [4].

Also the clirr test does not show binary incompatibilities with myfaces-api.

Please take a look at the "2.1.4" artifacts and vote!

Please note: This vote is "majority approval" with a minimum of three +1 votes (see [3]).

```
-----  
[ ] +1 for community members who have reviewed the bits  
[ ] +0  
[ ] -1 for fatal flaws that should cause these bits not to be released,  
    and why.....  
-----
```

Thanks,  
Leonardo Uribe

[1] <https://repository.apache.org/content/repositories/orgapachemyfaces-200/org/apache/myfaces/>  
[2] <http://www.apache.org/foundation/voting.html#ReleaseVotes>  
[3] <http://people.apache.org/~lu4242/myfaces214binsrc>  
[4] <https://issues.apache.org/jira/secure/ReleaseNote.jspa?projectId=10600&version=12317868>

#### 8. Clirr report to check binary incompatibilities success

#### 9. Vote closed, starting distribution

- copy on [/www.apache.org/dist/myfaces/source](http://www.apache.org/dist/myfaces/source) and [/www.apache.org/dist/myfaces/binaries](http://www.apache.org/dist/myfaces/binaries)

```
cd /home/lu4242/public_html/myfaces214binsrc/sources  
cp * /www/www.apache.org/dist/myfaces/source  
cd /home/lu4242/public_html/myfaces214binsrc/binaries  
cp * /www/www.apache.org/dist/myfaces/binaries
```

- copy shared on [/www.people.apache.org/repo/m2-ibiblio-rsync-repository/org/apache/myfaces/shared](http://www.people.apache.org/repo/m2-ibiblio-rsync-repository/org/apache/myfaces/shared) and test SUCCESS

Alternative for manual copy:

```
mvn clean deploy -DaltDeploymentRepository=myfaces-staging::default::scpexe://people.apache.org/www/people.  
apache.org/repo/m2-ibiblio-rsync-repository -Psign-artifacts -DperformRelease=true -Dpassphrase=???
```

- copy core on [/www.people.apache.org/repo/m2-ibiblio-rsync-repository/org/apache/myfaces/core](http://www.people.apache.org/repo/m2-ibiblio-rsync-repository/org/apache/myfaces/core) SUCCESS

Alternative for manual copy:

```
mvn clean deploy -DaltDeploymentRepository=myfaces-staging::default::scpexe://people.apache.org/www/people.apache.org/repo/m2-ibiblio-rsync-repository -Psign-artifacts -DperformRelease=true -Dpassphrase=??? -Pgenerate-assembly
```

- Site deploy for shared and core (mvn site:site and mvn site:deploy)

## 10. Announce

- Sent announcement mail
  - To: [announce@apache.org](mailto:announce@apache.org), [announce@myfaces.apache.org](mailto:announce@myfaces.apache.org)
  - Cc: [dev@myfaces.apache.org](mailto:dev@myfaces.apache.org), [users@myfaces.apache.org](mailto:users@myfaces.apache.org)
- Sent announcement to [jcp-open@apache.org](mailto:jcp-open@apache.org) (Necessary for TCK certified releases)

Subject: [ANNOUNCE] MyFaces Core v2.1.4 Release

The Apache MyFaces team is pleased to announce the release of MyFaces Core 2.1.4.

MyFaces Core is a JavaServer(tm) Faces 2.1 implementation as specified by JSR-314. MyFaces Core has passed Sun's JSR-314 TCK and is 100% compliant with the JSR-314 specification.

MyFaces Core 2.1.4 is available in both binary and source distributions.

\* <http://myfaces.apache.org/download.html>

MyFaces Core is also available in the central Maven repository under Group ID "org.apache.myfaces.core".

Release Notes - MyFaces Core - Version 2.1.4

### New Feature

Now jsf.js has been refactored to provide a modular include system [MYFACES-3361]. See this blog for details:

<http://www.irian.at/en/blog/-/blogs/introducing-apache-myfaces-modular-includes>

### Sub-task

- [MYFACES-3330] - Generate small generated unique ids for components without explicit ids
- [MYFACES-3331] - Identifier stored on MARK\_CREATED should be unique per component on the same

### Bug

[MYFACES-2552] - TagValueExpression.getType() returns null if the property in the managed bean is null and the expression points to a facelets composite component attribute

[MYFACES-3106] - Resources not loaded when using a dynamic ui:include and rendered via ajax

[MYFACES-3259] - Custom Validator tag attributes are not configured when used with default tag handler in wrapping mode

[MYFACES-3268] - UIComponentBase.findComponent does not allow use the same id for a child component.

[MYFACES-3300] - Ajax behavior change from 2.1.1 to 2.1.2

[MYFACES-3304] - NullPointerException using h:selectOneRadio with an enum

[MYFACES-3309] - Throw correct exception while using FactoryFinderProvider SPI

[MYFACES-3310] - javax.faces.validator.BeanValidator.createValidatorFactory should store the factory instance on the application map of the externalContext instead of casting to a servletcontext.

[MYFACES-3312] - Compare viewId after PreRenderView does not detect navigation to the same page

[MYFACES-3313] - Calculation of redirect URL does not preserve the extension used in Faces Servlet mapping

[MYFACES-3315] - @FacesValidator.isDefault() not processed

[MYFACES-3318] - Documentation for insert ajax command does not match with spec xsd

[MYFACES-3321] - jsf.js: Script fragments evaluated after an ajax operation encode '&' character into '&amp;'

[MYFACES-3323] - UIInput.\_createFieldDebugInfo should check for Object[] before call Arrays.deepToString (...)

[MYFACES-3324] - Conditional navigation match has priority over same case without conditional navigation

[MYFACES-3325] - h:column should use HtmlColumn instead UIColumn

[MYFACES-3332] - Fix condition to call ComponentSupport.markComponentToRestoreFully on 2.1.x branch

[MYFACES-3336] - Request with only prefix mapping throws exception, but it should return http 404 (not found) response

[MYFACES-3337] - param defined with f:param inside h:button or h:link has precedence over the same param

defined in a faces-config navigation rule

- [MYFACES-3338] - jsf.js: getViewState is not called
- [MYFACES-3339] - Ajax embedded CDATA Sequence lost on the server once an ajax refresh is triggered
- [MYFACES-3340] - h:commandButton with f:ajax behavior and f:param renders submit script
- [MYFACES-3341] - Call to getClientId() on UIInput.\_createFieldDebugInfo on jsp cause invalid client to be assigned on development project stage
- [MYFACES-3342] - UISelectMany child components could receive non array or collection instances as selected values
- [MYFACES-3343] - f:convertNumber in jsp only accept Locale instance into its locale attribute
- [MYFACES-3349] - Plugin snapshot repository missing in MyFaces core pom.xml
- [MYFACES-3353] - jsf.js: Runtime.js inheritance method callsuper ignores the return value
- [MYFACES-3354] - NullPointerException on jetty 6.1.5 with faces-redirect=true action result
- [MYFACES-3356] - MyFaces assumes that the WAR is exploded and XHTML pages are accessible in filesystem
- [MYFACES-3360] - DefaultFaceletsStateManagementStrategy.PostAddPreRemoveFromViewListener can now register changes on the view when refreshing occur
- [MYFACES-3364] - UIComponent.findComponent ignored overridden method findComponent of a NamingContainer
- [MYFACES-3366] - FacesContext should use FacesContext.getCurrentInstance() instead of 'this'
- [MYFACES-3372] - Multiple Lifecycle instances are not taken into account when setup phase listeners
- [MYFACES-3373] - UIForm.createUniqueId should take into account prependId logic
- [MYFACES-3375] - MyFaces can incorrectly determine that Portlets are not supported
- [MYFACES-3377] - unsynchronized lazy initialization could create concurrency errors
- [MYFACES-3378] - UIComponent.setParent does not propagate setInView() call when processingEvents is false
- [MYFACES-3379] - PostAddToViewEvent should be propagated to UIViewRoot
- [MYFACES-3380] - system-event-listener source-class should be optional but is not
- [MYFACES-3385] - Entered values for input fields contained in a Composite Component are lost, if the CC is used in a datatable
- [MYFACES-3390] - jsf.js: Error alert in development mode is shown despite local listeners
- [MYFACES-3391] - jsf.js: Lifecycle, success should not be called if an error is raised

#### Improvement

- [MYFACES-3262] - [perf] [concurrency] Cache read and write method in \_ComponentAttributesMap
- [MYFACES-3305] - jsf.js: major code cleanup and refactoring
- [MYFACES-3308] - Allow localized composite components
- [MYFACES-3319] - Make create AjaxBehavior accessible in AjaxHandler
- [MYFACES-3322] - h:outputScript "name" attribute can receive query params
- [MYFACES-3327] - Spaces between markup and component are trimmed by facelets algorithm
- [MYFACES-3328] - [perf] FlashELResolver should get FacesContext instance when it is necessary
- [MYFACES-3329] - Fix PSS algorithm to ensure c:if and ui:include src="#{...}" related use cases will work without rely on org.apache.myfaces.REFRESH\_TRANSIENT\_BUILD\_ON\_PSS\_PRESERVE\_STATE
- [MYFACES-3345] - Quotes in Messages.properties
- [MYFACES-3346] - Chinese Translation for Messages.properties
- [MYFACES-3347] - Improve web config param logging and enhance @JSFWebConfigParam
- [MYFACES-3348] - Length Validator Message in Messages.properties
- [MYFACES-3352] - Chinese Translation for Messages.js
- [MYFACES-3355] - Allow relocation of library name / resource name using a Resource wrapper
- [MYFACES-3357] - jsf.js: readability and performance improvements
- [MYFACES-3361] - jsf.js: code restructuration for size and speed improvements
- [MYFACES-3363] - Enable checkstyle checks by default in our myfaces-parent pom
- [MYFACES-3367] - Detect when to update head or body target when content has been updated dynamically
- [MYFACES-3376] - Create abstract test classes that runs MyFaces Core as in a container

#### Task

- [MYFACES-3374] - Compatibility with Servlet API 2.4

regards,

Leonardo Uribe