

# CoreRelease216

## Notes on the [MyFaces](#) Core 2.1.6 Release

Release manager: Leonardo Uribe

### Timeline

- Proposed release date: 2011-11-26

### 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 2.1.6 snapshots:

```
<dependency>
  <groupId>org.apache.myfaces.core</groupId>
  <artifactId>myfaces-api</artifactId>
  <version>2.1.6-SNAPSHOT</version>
</dependency>
<dependency>
  <groupId>org.apache.myfaces.core</groupId>
  <artifactId>myfaces-impl</artifactId>
  <version>2.1.6-SNAPSHOT</version>
</dependency>
```

**Note:** Maven 2.1.6 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 4.1.4

- 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 2.1.6

- 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-2.1.6-bin.tar.gz and zip,

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

- Create myfaces-core-2.1.6-src.tar.gz and zip manually and create .asc .md5 .sha1 for bin and src

```
openssl md5 myfaces-core-2.1.6-src.tar.gz > myfaces-core-2.1.6-src.tar.gz.md5
openssl md5 myfaces-core-2.1.6-src.zip > myfaces-core-2.1.6-src.zip.md5
openssl sha1 myfaces-core-2.1.6-src.tar.gz > myfaces-core-2.1.6-src.tar.gz.sha1
openssl sha1 myfaces-core-2.1.6-src.zip > myfaces-core-2.1.6-src.zip.sha1
gpg --armor --output myfaces-core-2.1.6-src.tar.gz.asc --detach-sig myfaces-core-2.1.6-src.tar.gz
gpg --armor --output myfaces-core-2.1.6-src.zip.asc --detach-sig myfaces-core-2.1.6-src.zip

openssl md5 myfaces-core-2.1.6-bin.tar.gz > myfaces-core-2.1.6-bin.tar.gz.md5
openssl md5 myfaces-core-2.1.6-bin.zip > myfaces-core-2.1.6-bin.zip.md5
openssl sha1 myfaces-core-2.1.6-bin.tar.gz > myfaces-core-2.1.6-bin.tar.gz.sha1
openssl sha1 myfaces-core-2.1.6-bin.zip > myfaces-core-2.1.6-bin.zip.sha1
gpg --armor --output myfaces-core-2.1.6-bin.tar.gz.asc --detach-sig myfaces-core-2.1.6-bin.tar.gz
gpg --armor --output myfaces-core-2.1.6-bin.zip.asc --detach-sig myfaces-core-2.1.6-bin.zip
```

- Copy to private account on people.apache.org

```
scp -p -r myfaces-core-2.1.6-bin* lu4242@people.apache.org:/home/lu4242/public_html/myfaces216binsrc/binaries
scp -p -r myfaces-core-2.1.6-src* lu4242@people.apache.org:/home/lu4242/public_html/myfaces216binsrc/sources
```

- ALTERNATIVE: get it from nexus maven repository:



Hi,

I was running the needed tasks to get the 2.1.6 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" v4.1.4 [1]
2. Maven artifact group "org.apache.myfaces.core" v2.1.6 [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 "2.1.6" 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-322/org/apache/myfaces/>
- [2] <http://www.apache.org/foundation/voting.html#ReleaseVotes>
- [3] <http://people.apache.org/~lu4242/myfaces216binsrc>
- [4] <https://issues.apache.org/jira/secure/ReleaseNote.jspa?projectId=10600&version=12319173>

#### 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/myfaces216binsrc/sources
cp * /www/www.apache.org/dist/myfaces/source
cd /home/lu4242/public_html/myfaces216binsrc/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, announce@myfaces.apache.org
  - Cc: dev@myfaces.apache.org, users@myfaces.apache.org
- Sent announcement to jcp-open@apache.org (Necessary for TCK certified releases)

Subject: [ANNOUNCE] MyFaces Core v2.1.6 Release

The Apache MyFaces team is pleased to announce the release of MyFaces Core 2.1.6.

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 2.1.6 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 2.1.6

### Sub-task

[MYFACES-3437] - [PERF] Use index-based loop where possible

### Bug

[MYFACES-3401] - Issue with RichFaces fileUpload component using MyFaces 2.0

[MYFACES-3414] - MyFaces ResourceImpl\$ValueExpressionFilterInputStream does not handle resolving long URLs

[MYFACES-3416] - Default ValidatorFactory is not stored on application map

[MYFACES-3429] - ArrayIndexOutOfBoundsException in CompositeELResolver under load

[MYFACES-3430] - org.apache.myfaces.shared.resource.ResourceImpl: PushbackInputStream delegate is not

closed

[MYFACES-3431] - jsf.js: minor spec implementation bug, success is sent at the wrong location of the code

[MYFACES-3433] - PhaseListenerManager throws NPE if pre-phase action was unsuccessful

[MYFACES-3440] - Contents of CDATA blocks consumed in facelets-processing jsp/xml

[MYFACES-3442] - Infinite loop when calling ApplicationImpl.\_handleListenerForAnnotations under heavy load

[MYFACES-3444] - js-error: \_mfInternal is null

[MYFACES-3454] - composite component is not rendered anymore with 2.1.6-SNAPSHOT

[MYFACES-3455] - [myfaces-2.1.6-SNAPSHOT] Using f:ajax within h:commandButton to dynamic switch ui:include

works not correct anymore

[MYFACES-3456] - jsf.jsf: Small refactoring bug in the eval code

[MYFACES-3457] - Implicit Object Resolver for JSP does not resolve "resource" object

### Improvement

[MYFACES-3266] - [perf] [concurrency] check correct logger creation

[MYFACES-3420] - jsf.js: Another round of small bugfixes and improvements

[MYFACES-3423] - [perf] Use ArrayList instead LinkedList in UIComponent.pushComponentToEL /

popComponentFromEL

[MYFACES-3424] - call popComponentFromEL from right instance when broadcast

[MYFACES-3425] - [perf] enhance code applying best practices

[MYFACES-3426] - [perf] do not call default VariableResolver / PropertyResolver when no custom instance is

set

[MYFACES-3427] - [perf] Use only one StringBuilder for generate unique facelets identifiers

[MYFACES-3428] - [perf] optimize UILeaf

[MYFACES-3432] - [perf] [mem] UIViewRoot.saveState(FacesContext) unnecessary saves empty view scope

[MYFACES-3438] - jsf.js: error handling output improvement

[MYFACES-3439] - [perf] ApplicationImpl: use cached info about ResourceDependencies for behaviors,

converters and validators

[MYFACES-3441] - [perf] use shared StringBuilder instance

[MYFACES-3443] - [perf] cache Method and Field instances when PostConstruct processing is done and default

LifecycleProvider is set

[MYFACES-3445] - [perf] reduce HtmlResponseWriterImpl overhead

[MYFACES-3446] - [perf] Improve html Renderers

[MYFACES-3449] - [perf] replace buffer in PartialResponseWriter implementation with a fast filter

[MYFACES-3450] - [perf] use grails StreamCharBuffer instead FastWriter in HtmlResponseWriterImpl

[MYFACES-3451] - [core] Improve PSS algorithm when a dynamic view (use of c:if or ui:include src=#{...}) is used

[MYFACES-3452] - Log managed bean creation in LifecycleProvider instances with finest level

New Feature

[MYFACES-3418] - [perf] do not check for duplicate ids when saving view on production stage

regards,

Leonardo Uribe