

CoreRelease220beta

Notes on the [MyFaces](#) Core 2.2.0-beta Release

Release manager: Leonardo Uribe

Timeline

- Proposed release date: 2013-10-30

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 2.2.0-beta snapshots:

```
<dependency>
  <groupId>org.apache.myfaces.core</groupId>
  <artifactId>myfaces-api</artifactId>
  <version>2.2.0-beta-SNAPSHOT</version>
</dependency>
<dependency>
  <groupId>org.apache.myfaces.core</groupId>
  <artifactId>myfaces-impl</artifactId>
  <version>2.2.0-beta-SNAPSHOT</version>
</dependency>
```

Note: Maven 2.2.0-beta 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 4.2.0

```
* Change shared/core/pom.xml variable to mirror updated shared copy from core and run from shared root path  
{{{  
mvn clean install -Dsynch-shared=true
```

- Try -DdryRun=true SUCCESS

```
mvn release:prepare -DtagBase=https://svn.apache.org/repos/asf/myfaces/shared/tags -DdryRun=true
```

- Release it! FAIL

```
mvn release:prepare -DtagBase=https://svn.apache.org/repos/asf/myfaces/shared/tags -Dresume=false  
mvn install  
mvn release:rollback  
mvn release:prepare -DtagBase=https://svn.apache.org/repos/asf/myfaces/shared/tags -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 -DtagBase=https://svn.apache.org/repos/asf/myfaces/shared/tags
```

- Stage the release for a vote

```
mvn release:perform -DtagBase=https://svn.apache.org/repos/asf/myfaces/shared/tags
```

2. Preparing core 2.2.0-beta

- 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-2.2.0-beta-bin.tar.gz and zip,

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

- Create myfaces-core-2.2.0-beta-src.tar.gz and zip manually and create .asc .md5 .sha1 for bin and src

```
openssl md5 myfaces-core-2.2.0-beta-src.tar.gz > myfaces-core-2.2.0-beta-src.tar.gz.md5
openssl md5 myfaces-core-2.2.0-beta-src.zip > myfaces-core-2.2.0-beta-src.zip.md5
openssl sha1 myfaces-core-2.2.0-beta-src.tar.gz > myfaces-core-2.2.0-beta-src.tar.gz.sha1
openssl sha1 myfaces-core-2.2.0-beta-src.zip > myfaces-core-2.2.0-beta-src.zip.sha1
gpg --armor --output myfaces-core-2.2.0-beta-src.tar.gz.asc --detach-sig myfaces-core-2.2.0-beta-src.tar.gz
gpg --armor --output myfaces-core-2.2.0-beta-src.zip.asc --detach-sig myfaces-core-2.2.0-beta-src.zip

openssl md5 myfaces-core-2.2.0-beta-bin.tar.gz > myfaces-core-2.2.0-beta-bin.tar.gz.md5
openssl md5 myfaces-core-2.2.0-beta-bin.zip > myfaces-core-2.2.0-beta-bin.zip.md5
openssl sha1 myfaces-core-2.2.0-beta-bin.tar.gz > myfaces-core-2.2.0-beta-bin.tar.gz.sha1
openssl sha1 myfaces-core-2.2.0-beta-bin.zip > myfaces-core-2.2.0-beta-bin.zip.sha1
gpg --armor --output myfaces-core-2.2.0-beta-bin.tar.gz.asc --detach-sig myfaces-core-2.2.0-beta-bin.tar.gz
gpg --armor --output myfaces-core-2.2.0-beta-bin.zip.asc --detach-sig myfaces-core-2.2.0-beta-bin.zip
```

- Copy to private account on people.apache.org

```
scp -p -r myfaces-core-2.2.0-beta-bin* lu4242@people.apache.org:/home/lu4242/public_html/myfaces220betabinsrc
/binaries
scp -p -r myfaces-core-2.2.0-beta-src* lu4242@people.apache.org:/home/lu4242/public_html/myfaces220betabinsrc
/sources
```

- ALTERNATIVE: get it from nexus maven repository:

Hi,

I was running the needed tasks to get the 2.2.0-beta 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" v4.2.0 [1]
2. Maven artifact group "org.apache.myfaces.core" v2.2.0-beta [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 "2.2.0-beta" 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-034/org/apache/myfaces/>
[2] <http://www.apache.org/foundation/voting.html#ReleaseVotes>
[3] <http://people.apache.org/~lu4242/myfaces220betabinsrc>
[4] <https://issues.apache.org/jira/secure/ReleaseNote.jspa?projectId=10600&version=12324571>

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/myfaces220betabinsrc/sources  
cp * /www/www.apache.org/dist/myfaces/source  
cd /home/lu4242/public_html/myfaces220betabinsrc/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 v2.2.0-beta Release

The Apache MyFaces team is pleased to announce the release of MyFaces Core 2.2.0-beta.

MyFaces Core is a JavaServer(tm) Faces 2.2 implementation as specified by JSR-334.

MyFaces Core 2.2.0-beta 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".

Sub-task

```
[MYFACES-3654] - implement small threadsafe Random algorithm
[MYFACES-3741] - Implement CDI Flow Scope
[MYFACES-3742] - Implement @FlowDefinition annotation
[MYFACES-3764] - Implement FlowHandler.getLastDisplayedViewId(FacesContext context) logic
[MYFACES-3765] - Implement FlowHandler.clientWindowTransition(FacesContext context)
[MYFACES-3788] - Improve log message in RendererUtils.getClientId with component location
```

Bug

```
[MYFACES-2799] - JSF 2.1: jsf.js viewstate handling does not entirely work out (bug filed on the spec tracker)
[MYFACES-3648] - some jsf files contain illegal UTF characters
[MYFACES-3649] - myfaces-shaded-impl always unpacks myfaces-2.1.1
[MYFACES-3650] - myfaces-2.2.x poms not properly set up
[MYFACES-3657] - 2.2 branch: checkstyle violation prevents compile
[MYFACES-3671] - jsf-uncompressed.js contains 'import' of not existing file '_FinalizeableObj.js'
[MYFACES-3697] - Error while parsing Facelet-Lib hides the real reason when logging
[MYFACES-3698] - h:body onload and onunload attributes rendered twice if optimization enabled
[MYFACES-3739] - @ResourceDependency annotation + JSF 1.2 state saving + c:if (dynamic section) creates components on each click (UIViewRoot grows)
[MYFACES-3758] - Check for responseComplete or renderResponse only if a phase listeners is used
[MYFACES-3773] - ui:repeat with offset and size does not behave as expected
[MYFACES-3781] - f:view tag must be processed when view metadata is created
[MYFACES-3802] - CDI FlowBuilderFactoryBean declares javax.faces.bean.ApplicationScoped (JSF managed bean annotation)
```

Improvement

```
[MYFACES-3768] - FacesMessage Severity ordinal values are not consistent with Mojarra RI
[MYFACES-3774] - [perf] use facetName as a hint when try to find a component on refresh view algorithm
[MYFACES-3775] - [perf] optional early flush
[MYFACES-3776] - [perf] cache FacesContext at ClientBehaviorBase level
[MYFACES-3777] - [perf] minimize FacesContext.getCurrentInstance() in some new points
[MYFACES-3778] - [perf] cache url and request path for default Resource implementations
[MYFACES-3787] - Make WRAP_SCRIPT_CONTENT_WITH_XML_COMMENT_TAG=false default
```

New Feature

```
[MYFACES-3588] - window-id support
```

[MYFACES-3706] - jsf.js jsf22, implement resetValues on the JS side of things
[MYFACES-3723] - JSF 2.2: Support parameter javax.faces.SERIALIZE_SERVER_STATE
[MYFACES-3725] - JSF 2.2: Custom webapp resources dir with javax.faces.WEBAPP_RESOURCES_DIRECTORY
[MYFACES-3797] - cdi support for converters and validators

Task

[MYFACES-3674] - Implement f:viewAction
[MYFACES-3676] - Implement FlashFactory and related events
[MYFACES-3677] - Implement 'javax.faces.WEBAPP_RESOURCES_DIRECTORY'
[MYFACES-3678] - Add ActionListenerWrapper class
[MYFACES-3679] - Implement javax.faces.application.ApplicationConfigurationPopulator
[MYFACES-3681] - Implement CollectionDataModel
[MYFACES-3682] - Implement Client Side Request Forgery protection
[MYFACES-3683] - Implement AjaxBehavior resetValues and delay
[MYFACES-3684] - UIViewParameter.getSubmittedValue() return value can be Object in JSF 2.2 spec
[MYFACES-3685] - Implement f:attributes facelet tag
[MYFACES-3686] - Implement f:passThroughAttribute and f:passThroughAttributes
[MYFACES-3688] - Implement ExternalContext.getSessionId()
[MYFACES-3691] - Implement Faces Flows
[MYFACES-3692] - Implement jsf:element tag and default TagDecorator
[MYFACES-3693] - Implement ExternalContext.getApplicationContextPath()
[MYFACES-3694] - Add httpOnly to ExternalContext.addResponseCookie(...)
[MYFACES-3701] - Restoring view scope before view is build
[MYFACES-3714] - Implement stateless mode using f:view "transient" attribute
[MYFACES-3716] - Implement h:inputFile
[MYFACES-3717] - Implement "role" attribute in related components and renderers
[MYFACES-3718] - Replace http://java.sun.com/jsf with http://xmlns.jcp.org/jsf
[MYFACES-3729] - Implement resource library contracts specification
[MYFACES-3730] - Implement ViewDeclarationLanguageWrapper
[MYFACES-3733] - Implement vdl.createComponent(...)
[MYFACES-3734] - Implement @FacesComponent createTag, namespace and tagName attributes
[MYFACES-3738] - Add media attribute to h:outputStylesheet
[MYFACES-3740] - ResourceResolver "this" identifier applies for contracts too in JSF 2.2
[MYFACES-3747] - Implement new JSF 2.2 ViewScope specification
[MYFACES-3750] - Allow to reference composite components directly from facelets taglib file using <resource-id>
[MYFACES-3753] - CompositeComponentELResolver map containsKey() should take into account default values
[MYFACES-3754] - Update PartialViewContext and PartialResponseWriter to new spec
[MYFACES-3755] - Show detail message on title of tooltip when showDetail is set or is available for h:message or h:messages
[MYFACES-3756] - @FacesComponent and @FacesValidator value are now optional
[MYFACES-3757] - Implement passthrough attributes using p:<attributeName>
[MYFACES-3759] - Implement @FaceletsResourceResolver annotation
[MYFACES-3761] - Implement html5 doctype on facelets compiler
[MYFACES-3770] - Implement <f:resetValues> tag and <f:ajax resetValues=true ... >
[MYFACES-3771] - h:commandButton renderer now can have children
[MYFACES-3783] - Use tree visiting to pss algorithm in 2.2.x
[MYFACES-3784] - Add EL 3 ELResolvers when they are available
[MYFACES-3785] - RendererWrapper logic (@ListenerFor and @ResourceDependency)
[MYFACES-3786] - Web Container injection support should be provided for additional lifecycle artifacts (not just managed beans)
[MYFACES-3801] - Passthrough attributes does not require URI encoding like in writeURIAttribute

regards,

Leonardo Uribe