

[EasyBeansRelease 1\\_0\\_RC3](#)

:: News

## **:: Mar 10, 2008 ... 1.0 RC3 available**

Hello,

A new release candidate (1.0.0 RC3) of the OW2 [EasyBeans](#) product (EJB 3 container) has been released. EasyBeans can be embedded in JOnAS application server, Apache Tomcat application server, Jetty application server, on an OSGi gateway (by using EasyBeans OSGi bundles) or run in standalone mode. EasyBeans is bundled with either [Hibernate Entity Manager](#), [Apache OpenJPA](#) or [TopLink Essentials](#) as persistence provider.

Here are the guides:

[Getting started with JOnAS 4.x \(tested with 4.7.8 and 4.8.6 and 4.9.1\)](#)

[Getting started with Tomcat 5.5.x and 6.0.x \(tested with 5.5.26 and 6.0.16\)](#)

[Getting started with Jetty 6.1.x \(tested with 6.1.8\)](#)

[Getting started with the EasyBeans OSGi bundles](#)

Note: EasyBeans is already bundled in the OW2 JOnAS 5.0 application server.

EasyBeans is also working in standalone mode ([Uberjar packages are available](#))

The documentation is available on the [EasyBeans documentation website](#). (HTML or PDF)

The Release Notes are available online at :

[http://www.easybeans.net/xwiki/bin/view/News/Release1\\_0\\_RC3](http://www.easybeans.net/xwiki/bin/view/News/Release1_0_RC3)

Download

A new EasyBeans version is out and is available in the [Downloads](#) section or in the [maven repository](#).

[Download the Release Candidate 3 version Now !](#)

New features

### *Deployment Descriptor*

A new specific deployment descriptor file for EJBs named META-INF/easybeans.xml can be used. This allows to define some settings that are not part of the standard deployment descriptor like the pooling. Pool can be also configured by using specific annotations like @Pool.

The Pool example is illustrating the use of this specific deployment descriptor.

### *CXF*

For people interested in EJB3 and JAX-WS, the EasyBeans/CXF project has been mavenized and updated to the latest Apache CXF version by Guillaume.

It is available in the list of downloads or through maven2 repository:

<http://repo1.maven.org/maven2/org/ow2/easybeans/extensions/ow2-easybeans-cxf/1.0.0.RC3/>

More details on EasyBeans/CXF can be found on the wiki page:

<http://wiki.easybeans.org/xwiki/bin/view/Main/JAXWS>

### *Persistence*

Persistence Providers have been updated to their latest versions.

Migration

### *Configuration:*

Some hardcoded values are now available through the easybeans.xml configuration file.

For example, within JOnAS 4.x the xml configuration will use the following <config> element:

```
<easybeans xmlns="http://org.ow2.easybeans.server">
<!-- No infinite loop (daemon managed by JOnAS): wait="false"
Enable MBeans: mbeans="true"
Disable the naming: naming="false"
Use JOnAS JACC provider and not EasyBeans JACC: jacc="false"
Use EasyBeans file monitoring to detect archives: scanning="true"
Using JOnAS JMX Connector: connector="false"
Enable Deployer and J2EEServer MBeans: deployer="true" & j2eeserver="true"
>
</config>
wait="false"
```

```
mbeans="true"
naming="false"
jacc="false"
scanning="true"
connector="false"
deployer="true"
j2eeserver="true"/>
...
</easybeans>
```

While for Tomcat/Jetty the xml configuration will use the following <config> element:

```
<easybeans xmlns="http://org.ow2.easybeans.server">
<! No infinite loop (daemon managed by WebContainer): wait="false"
Enable MBeans: mbeans="true"
No EasyBeans naming, use WebContainer naming: naming="false"
Use EasyBeans JACC provider: jacc="true"
Use EasyBeans file monitoring to detect archives: scanning="true"
Use EasyBeans JMX Connector: connector="true"
Enable Deployer and J2EEServer MBeans: deployer="true" & j2eeserver="true"
-->
<config
wait="false"
mbeans="true"
naming="false"
jacc="true"
scanning="true"
connector="true"
deployer="true"
j2eeserver="true" />
...
</easybeans>
```

#### Mapping:

The xml mapping file describing the class/attributes to set when analyzing the of the configuration file of EasyBeans is now using a schema available at [http://easybeans.ow2.org/xml/ns/xmlconfig/xmlconfig-mapping\\_1\\_0.xsd](http://easybeans.ow2.org/xml/ns/xmlconfig/xmlconfig-mapping_1_0.xsd). If other mapping files are used, they need to be updated with this schema. Mapping files are starting with the following header:

```
<xmlconfig-mapping xmlns="http://easybeans.ow2.org/xml/ns/xmlconfig"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://easybeans.ow2.org/xml/ns/xmlconfig
http://easybeans.ow2.org/xml/ns/xmlconfig/xmlconfig-mapping_1_0.xsd">
```

#### Smart Bootstrap

In addition to the Smart Factory, a Smart Bootstrap has been provided to launch a client by downloading core classes from the server side.

#### Mailing list

Stay tuned on EasyBeans with the easybeans-announce mailing list :

<http://mail.ow2.org/wvs/subrequest/easybeans-announce>

#### Release Notes: Bug

- [\(EZB-219\)](#)
  - Error during build EasyBeans at JVM 1.6
- [\(EZB-220\)](#)
  - Problem with security propagation on JOnAS 5.0.0 (not 4.x)
- [\(EZB-226\)](#)
  - NPE in Mail component
- [\(EZB-229\)](#)

- Resources with type javax.resource.cci.ConnectionFactory are not injected in EJB3

- [\(EZB-238\)](#)

- @HandleChain for web services annotated is not used

#### Improvement

- [\(EZB-228\)](#)

- login module to set EB SecurityContext with a given Subject

- [\(EZB-230\)](#)

- Refactor Java EE glue in its own package

- [\(EZB-233\)](#)

- URLMapper and EasyBeansTransportFactory double usage

- [\(EZB-234\)](#)

- Allow to specify specific DD in EasyBeans ant tasks

#### New Feature

- [\(EZB-218\)](#)

- Ability to setup EJB pool size in ejb Deployment Descriptor, and monitor these pool

#### Task

- [\(EZB-59\)](#)

- Support for message-driven element in the deployment descriptor.

- [\(EZB-216\)](#)

- Merge the branch EZBcluster with the trunk

- [\(EZB-222\)](#)

- Use of mappedName in @EJB annotation

- [\(EZB-224\)](#)

- Cmi 2.0-RC4

- [\(EZB-225\)](#)

- Library ow2-util 1.0.3

- [\(EZB-231\)](#)

- Refactor easybeans-cxf module to use maven

- [\(EZB-232\)](#)

- Rename easybeans-cxf packages from org.objectweb. to **org.ow2.**

- [\(EZB-235\)](#)

- Add example for pool configuration

- [\(EZB-237\)](#)

- Provide a SmartBootstrap
- [\(EZB-239\)](#)
- Update CXF to version 2.0.4-incubator
- [\(EZB-240\)](#)
- Upgrade to OpenJPA 1.0.2
- [\(EZB-241\)](#)
- Upgrade to Toplink Essentials 2.1-23
- [\(EZB-243\)](#)
- Allow to set WorkManager settings in Joram component
- [\(EZB-244\)](#)
- Upgrade to Hibernate 3.2.6.ga

Best Regards,  
Florent

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