

[Release1_2_0_M2](#)

:: News

:: Jun 08, 2010 ... 1.2.0-M2 Available

Hello,

A new version (1.2.0-M2) of the OW2 [EasyBeans](#) product (EJB 3 container) has been released.

This version is included in the OW2 JOnAS 5.2 M2 application server.

EasyBeans can be embedded in JOnAS application server, Apache Tomcat application server, Jetty application server, on OSGi (by using EasyBeans OSGi bundles) or run in standalone mode.

EasyBeans is bundled with either [Hibernate Entity Manager](#), [Apache OpenJPA](#), [TopLink Essentials](#) or [EclipseLink](#) as persistence provider.

The 1.2.0-M2 release is provided with some Persistence Providers including:

- Hibernate 3.5.2-Final(**JPA 2.0 compliant**)
- OpenJPA 2.0.0(**JPA 2.0 compliant**)
- EclipseLink 2.0.2(**JPA 2.0 compliant**)
- TopLink Essentials 2.1-60f

Here are the guides:

[Getting started with JOnAS 4.x \(tested with 4.7.x, 4.8.x, 4.9.x and 4.10.x\)](#)

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

[Getting started with Jetty 6.1.x/7.x \(tested with 6.1.23 and 7.x\)](#)

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

Note: EasyBeans is already bundled in the OW2 JOnAS 5.2 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_2_0_M2

Download

A new EasyBeans version is out and is available in the [Downloads](#) section or in the [OW2 maven repository](#) or any maven mirror.

[Download the version Now !](#)

[A Java WebStart online installer is also available](#) ([Or try online installer without Java WebStart](#))

New features

JPA 2.0 is available when using EclipseLink, Hibernate or OpenJPA packages. A new JPA 2.0 example is provided in order to illustrate the use of this new API.

Migration

Configuration of some components has changed between 1.1.x and 1.2.x.

Check the difference before launching EasyBeans

OSGi changes : Split of the core bundle: Now there are several "small" bundles. This is more modular. Also, there are bundles for each persistence provider. EclipseLink or other persistence framework are supported (in addition to the previous support of Hibernate in OSGi mode)

Note: In OSGi mode, there is a large choice of Persistence Providers. Hibernate 3.4 or 3.5, EclipseLink 1 or EclipseLink 2 and OpenJPA 1 or OpenJPA 2 !

Mailing list

Stay tuned on EasyBeans with the `easybeans-announce` mailing list :
<http://mail.ow2.org/wvs/subrequest/easybeans-announce>

Release Notes:

Bug

- ([EZB-300](#)) - Failure to call session bean in jetty webapp
- ([EZB-409](#)) - duplicate class definition error
- ([EZB-432](#)) - WorkManager component may never execute task
- ([EZB-435](#)) - Invalid statistics on beans
- ([EZB-439](#)) - Potential memory leak in OSGi mode
- ([UTIL-76](#)) - `ArrayIndexOutOfBoundsException` when using inconsistent artifact to generate repositories
- ([UTIL-77](#)) - The abstract resolver produces invalid artifacts with Maven3
- ([UTIL-79](#)) - Enhanced clue pool may create too much spare instances
- ([UTIL-80](#)) - Maven `rmic` plugin is broken with Maven 3
- ([UTIL-82](#)) - Deployment plans are not generated with an `Id`
- ([UTIL-84](#)) - When using SNAPSHOT versions, `maven-jbuilding-plugin` sometimes generates invalid maven repositories

Improvement

- ([EZB-411](#)) - Add additional monitoring attributes to MBeans
- ([EZB-427](#)) - Improve Deployment Flexibility
- ([EZB-428](#)) - Improve Enhancer `DefineClass` Flexibility
- ([EZB-437](#)) - Add support for Non-JMS MDB
- ([UTIL-65](#)) - Allow to extend the deployment plan library

New Feature

- ([EZB-429](#)) - Audit : Propagation ID (for tracking calls)
- ([EZB-433](#)) - Add support for Hibernate 3.5 Final 2
- ([EZB-434](#)) - Add support for OpenJPA 2.0.0
- ([EZB-436](#)) - Allow a MDB to listen to a destination whose JNDI name is different from `joramAdminSpec`
- ([UTIL-72](#)) - Provides a property substitution toolbox
- ([UTIL-74](#)) - Audit: Add propagation ID class/methods
- ([UTIL-81](#)) - Allows to get state of a pool

Task

- ([EZB-64](#)) - The container must provides a transaction for external interceptors in CMT beans when the "Required" type is used.
- ([EZB-69](#)) - Support for EJB 2.1 in the deployment descriptor.
- ([EZB-73](#)) - Support for the optional `MessageDrivenBean` interface.
- ([EZB-430](#)) - Update EclipseLink to 2.0.2
- ([EZB-431](#)) - Update Apache OpenJPA to 2.0.0
- ([EZB-438](#)) - Update maven bundle plugin to 2.1.0
- ([EZB-440](#)) - Update Joram Component to 5.3.1
- ([UTIL-75](#)) - Change default spare instance for the pool
- ([UTIL-78](#)) - Analyze messaging-type in `ejb-jar.xml` file

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- ([BUNDLE-24](#)) - Update maven bundle plugin to 2.1.0

Best Regards,

Florent

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