

[JOnAS 5.1.0 RC3](#)

JOnAS 5.1 RC3 available

Dear JOnAS enthusiasts,

A new Release Candidate of the development branch JOnAS 5.1 is available: **JOnAS 5.1.0 RC3**.

This release is available on the [download page](#).

JOnAS 5.1.0-RC3 is distributed as a set of OSGi™ bundles that are deployed on top of the [Apache Felix](#) gateway.

Some information can be found on the [New and noteworthy](#) and the [Getting Started](#).

Components upgrade:

- [OW2 EasyBeans](#) (1.1.0-RC2)
- [OW2 Utils](#) (1.0.18)
- [OW2 CMI](#) (2.1.4)
- [OW2 Carol](#) (3.0.6)

New features:

- Add support for on demand loading of web applications

This feature allows to start the web container when a request is done on the HTTP port. It also provides the start of the .war file when its associated /context is accessed by HTTP with a browser

- Add support on EJBs (2.x/3.0) and Servlets for the detection of JDBC connection leaks (automated closing available)
- JOnAS Admin console
 - Support management of ejb modules with the same names, but different parents
 - Support administration of cluster daemons
 - · Display basic informations on each cluster daemon (name, state, controlled server's,...)

Improvements:

- Introduction of JOnAS Profiles
 - The full profile which replaces the standard assembly
 - First prototype of the micro JOnAS profile
 - Subset of JOnAS components (OSGi platform, deployment facilities, extension capability)
 - Configured by default with the 'depmonitor' service
- Improved support of @OSGiResource on servlets
- JOnAS command refactoring

'jonas halt' command becomes deprecated and has been replaced by the traditional 'jonas stop' command

- The 'deploy' directory includes now deployment plans which reference JOnAS applications (jonasAdmin.xml, joram.xml, ...)
- The resource service deploys JDBC resource adapters during the service startup (RARs no more located in the 'deploy' directory)
- Deployment plan: order deployments of deployment plan at JOnAS startup (repositories before resources)
- JOnAS deployers (and thus their associated services) are now automatically started depending on the deployed archives.

Services dynamically started are: ejb2, ejb3, web, resource and ear

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- JOnAS Admin console
 - Server's monitoring charts are more dynamical.
- Newjc tool
 - Install clustering examples in the deploy directory of each server when the cluster is generated.
 - Integrate "ondemand" feature in the configuration of each server.

Bug fixes

- #313327 #313553 #313597
- Clustering:
 - CMI servers didn't use the distributed registry to retrieve objects that are not declared as clustered
 - CMI clients with a local registry could not bind objects when using a CMI context
 - A default protocol for CMI client was required even if only one protocol was defined
 - Repair ejb3 clustering that was broken

Best Regards,
JOnAS Team

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