

Container Configuration

Server

Name	Value	Description
openejb.embedded.remotable	bool	activate or not the remote services when available
.bind, <service prefix>.port, <service prefix>.disabled, <service prefix>.threads	host or IP, port, bool	override the host. Available for ejbd and http ejbd services (used by jaxws and jaxrs), number of thread to manage requests
openejb.embedded.initialcontext.close	LOGOUT or DESTROY	configure the hook called when closing the initial context. Useful when starting OpenEJB from a new InitialContext([properties]) instantiation. By default it simply logs out the logged user if it exists. DESTROY means clean the container.
javax.persistence.provider	string	override the JPA provider value
javax.persistence.transactionType	string	override the transaction type for persistence contexts
javax.persistence.jtaDataSource	string	override the JTA datasource value for persistence contexts
javax.persistence.nonJtaDataSource	string	override the non JTA datasource value for persistence contexts
openejb.descriptors.output	bool	dump memory deployment descriptors. Can be used to set complete metadata to true and avoid scanning when starting the container or to check the used configuration.
openejb.deployments.classpath.require.descriptor	CLIENT or EJB	can allow to filter what you want to scan (client modules or ejb modules)
openejb.descriptors.output.folder	path	where to dump deployment descriptors if activated.
openejb.strict.interface.declaration	bool	add some validations on session beans (spec validations in particular). false by default.
openejb.conf.file or openejb.configuration	string	OpenEJB configuration file path

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openejb.debuggable-vm-hackery	bool	remove JMS informations from deployment
openejb.validation.skip	bool	skip the validations done when OpenEJB deploys beans
openejb.deployments.classpath.ear	bool	deploy the classpath as an ear
openejb.webservices.enabled	bool	activate or not webservices
openejb.validation.output.level	TERSE or MEDIUM or VERBOSE	level of the logs used to report validation errors
openejb.user.mbeans.list* or a list of classes separated by ,	list of mbeans to deploy automatically	openejb.deploymentId.format composition (+string) of {ejbName} {ejbType} {ejbClass} and {ejbClass.simpleName} default {ejbName}. The format to use to deploy ejbs.
openejb.deployments.classpath	bool	whether or not deploy from classpath
openejb.deployments.classpath.include and openejb.deployments.classpath.exclude	regex	regex to filter the scanned classpath (when you are in this case)
openejb.deployments.package.include and openejb.deployments.package.exclude	regex	regex to filter scanned packages
openejb.autocreate.jta-datasource-from-non-jta-one	bool	whether or not auto create the jta datasource if it doesn't exist but a non jta datasource exists. Useful when using hibernate to be able to get a real non jta datasource.
openejb.altdd.prefix	string	prefix use for altDD (example test to use a test.ejb-jar.xml).
org.apache.openejb.default.system.interceptors	class names	list of interceptor (qualified names) separated by a comma or a space add these interceptor on all beans
openejb.jndiname.strategy.class	class name	an implementation of org.apache.openejb.assembler.classic.JndiBuilder.JndiNameStrategy

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openejb.jndiname.failoncollision	bool	if a NameAlreadyBoundException is thrown or not when 2 EJBs have the same name
openejb.jndiname.format	string	composition of these properties: ejbType, ejbClass, ejbClass.simpleName, ejbClass.packageName, ejbName, deploymentId, interfaceType, interfaceType.annotationName, interfaceType.annotationName LC, interfaceType.xmlName, interfaceType.xmlNameCc, interfaceType.openejbLegacyName, interfaceClass, interfaceClass.simpleName, interfaceClass.packageName default {deploymentId}{interfaceType.annotationName}. Change the name used for the ejb.
openejb.org.quartz.threadPool.class	class	qualified name which implements org.quartz.spi.ThreadPool the thread pool used by quartz (used to manage ejb timers)
openejb.localcopy	bool	default true. whether or not copy EJB arguments[/method/interface] for remote invocations.
openejb.cxf.jax-rs.providers	string	the list of the qualified name of the JAX-RS providers separated by comma or space. Note: to specify a provider for a specific service suffix its class qualified name by ".providers", the value follow the same rules. Note 2: default is a shortcut for jaxb and json providers.
openejb.wsAddress.format	string	composition of {ejbJarId}, ejbDeploymentId, ejbType, ejbClass, ejbClass.simpleName, ejbName, portComponentName, wsdlPort, wsdlService default /{ejbDeploymentId}. The WS name format.

Name	Value	Description
org.apache.openejb.server.webservices.saa.provider	axis2, sun or null	specified the saaj configuration
[<uppercase service name>.<service id>.<name> or <uppercase service name>.<service id>	whatever is supported (generally string, int ...)	set this value to the corresponding service. example: [EnterpriseBean.<ejb-name>.activation.<property>, [PERSISTENCEUNIT.<persistence unit name>.<property>, [RESOURCE.<name>
log4j.category.OpenEJB.options	DEBUG, INFO, ...	active one OpenEJB log level. need log4j in the classpath
openejb.jmx.active	bool	activate (by default) or not the OpenEJB JMX MBeans
openejb.nobanner	bool	activate or not the OpenEJB banner (activated by default)
openejb.check.classloader	bool	if true print some information about duplicated classes
openejb.check.classloader.verbose	bool	if true print classes intersections
openejb.additional.exclude	string separated by comma	list of prefixes you want to exclude and are not in the default list of exclusion
openejb.additional.include	string separated by comma	list of prefixes you want to remove from the default list of exclusion
openejb.offline	bool	if true can create datasources and containers automatically
openejb.exclude-include.order	include-exclude or exclude-include	if the inclusion/exclusion should win on conflicts (intersection)
openejb.log.color	bool	activate or not the color in the console in embedded mode
openejb.log.color.<level in lowercase>	color in uppercase	set a color for a particular level. Color are BLACK, RED, GREEN, YELLOW, BLUE, MAGENTA, CYAN, WHITE, DEFAULT.

Name	Value	Description
tomee.serialization.class.blacklist	string	default list of packages/classnames excluded for EJBd deserialization (needs to be set on server and client sides). Please see the description of Ejbdb Transport for details.
tomee.serialization.class.whitelist	string	default list of packages/classnames allowed for EJBd deserialization (blacklist wins over whitelist, needs to be set on server and client sides). Please see the description of Ejbdb Transport for details.
tomee.remote.support	boolean	if true /tomee webapp is auto-deployed and EJBd is active (true by default for 1.x, false for 7.x excepted for tomee maven plugin and arquillian)
openejb.crosscontext	bool	set the cross context property on tomcat context (can be done in the traditionnal way if the deployment is don through the webapp discovery and not the OpenEJB Deployer EJB)
openejb.jsessionid-support	bool	remove URL from session tracking modes for this context (see javax.servlet.SessionTrackingMode)
openejb.myfaces.disable-default-values	bool	by default TomEE will initialize myfaces with some its default values to avoid useless logging
openejb.web.xml.major	int	major version of web.xml. Can be useful to force tomcat to scan servlet 3 annotatino when deploying with a servlet 2.x web.xml
tomee.jaxws.subcontext	string	sub context used to bind jaxws web services, default is webservice
openejb.servicemanager.enabled	bool	run all services detected or only known available services (WS and RS

Name	Value	Description
tomee.jaxws.oldscontext	bool	wether or not activate old way to bind jaxws webservice directly on root context
openejb.modulename.useHash	bool	add a hash after the module name of the webmodule if it is generated from the webmodule location, it avoids conflicts between multiple deployment (through ear) of the same webapp. Note: it disactivated by default since names are less nice this way.
openejb.session.manager	qualified name (string)	configure a session managaer to use for all contexts
tomee.tomcat.resource.wrap	bool	wrap tomcat resources (context.xml) as tomee resources if possible (true by default)
tomee.tomcat.datasource.wrap	bool	same as tomee.tomcat.resource.wrap for datasource (false by default). Note that setting it to true will create tomee datasources but can have the side effect to create twice singleton resources
openejb.environment.default	bool	should default JMS resources be created or not, default to false to ensure no port is bound or multiple resources are created and completely uncontrolled (doesn't apply to datasources etc for compatibility). For tests only!

Client

Name	Value	Description
openejb.client.identityResolver	implementation of org.apache.openejb.client.IdentityResolver	default org.apache.openejb.client.JaasIdentityResolver. The class to get the client identity.
openejb.client.connection.pool.timeout or openejb.client.connectionpool.timeout	int (ms)	the timeout of the client

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openejb.client.connection.pool.size or openejb.client.connectionpool.size	int	size of the socket pool
openejb.client.keepalive	int (ms)	the keepalive duration
openejb.client.protocol.version	string	Optional legacy server protocol compatibility level. Allows 4.6.x clients to potentially communicate with older servers. OpenEJB 4.5.2 and older use version "3.1", and 4.6.x currently uses version "4.6" (Default). This does not allow old clients to communicate with new servers prior to 4.6.0
tomee.serialization.class.blacklist	string	default list of packages/classnames excluded for EJBd deserialization (needs to be set on server and client sides). Please see the description of EjbD Transport for details.
tomee.serialization.class.whitelist	string	default list of packages/classnames allowed for EJBd deserialization (blacklist wins over whitelist, needs to be set on server and client sides). Please see the description of EjbD Transport for details.