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Spring Vs EJB (A feature comparison)

By: Emiley J. Emailed: 403 times Printed: 504 times

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In quite a few design brainstorming sessions, the debate between Spring and EJB results in a deadlock. There are developers who are damn passionate about Spring and hate EJBs. Let's have a look at the main important differences between the two in terms of features they support.

Feature	EJB	Spring
Transaction management	<ul style="list-style-type: none"> Must use a JTA transaction manager. Supports transactions that span remote method calls. 	<ul style="list-style-type: none"> Supports multiple transaction environments through its <code>PlatformTransactionManager</code> interface, including JTA, Hibernate, JDO, and JDBC. Does not natively support distributed transactions—it must be used with a JTA transaction manager.
Declarative transaction support	<ul style="list-style-type: none"> Can define transactions declaratively through the 	<ul style="list-style-type: none"> Can define transactions declaratively through the Spring configuration file or through class metadata.

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	<p>deployment descriptor.</p> <ul style="list-style-type: none"> Can define transaction behavior per method or per class by using the wildcard character *. Cannot declaratively define rollback behavior—this must be done programmatically. 	<ul style="list-style-type: none"> Can define which methods to apply transaction behavior explicitly or by using regular expressions. Can declaratively define rollback behavior per method and per exception type.
Persistence	Supports programmatic bean-managed persistence and declarative container managed persistence.	Provides a framework for integrating with several persistence technologies, including JDBC, Hibernate, JDO, and iBATIS.
Declarative security	<ul style="list-style-type: none"> Supports declarative security through users and roles. The management and implementation of users and roles is container specific. Declarative security is configured in the deployment descriptor. 	<ul style="list-style-type: none"> No security implementation out-of-the box. Acegi, an open source security framework built on top of Spring, provides declarative security through the Spring configuration file or class metadata.
Distributed computing	Provides container-managed remote method calls.	Provides proxying for remote calls via RMI, JAX-RPC, and web services.

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EJB.

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It seems author has half knowlage
EJB main Feture is Distributed Computing (as you can
say extension of RMI/Corba) ,
Transaction managment etc is there secondary feture

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Thanks for the Topic. But there are many more
comparison to be done. what I love about Spring is it's
POJO orientation.

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EJB's can be deployed on multiple servers and when they
communicate togehter they can have one distributeed
transaction, and this is important when we use serivce
oriented architecture

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