



## EJB as a framework

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EJB as a framework that provides valuable services for Enterprise application development. As a framework, the EJB container provides these kinds of common functionality as out-of-the-box services so that your EJB components can use them in your applications without reinventing the wheel.

In the case of EJB, the Component Model defines our interchangeable parts, and the Container Services are specialists that perform work upon them. The Specification provides:

- Dependency injection
- Concurrency
- Instance pooling/caching
- Transactions
- Security
- Timers
- Naming and object stores
- Interoperability
- Lifecycle callbacks
- Interceptors
- Java Enterprise Platform integration

**In EJB**, metadata annotations dramatically simplify development and testing of applications, without having to depend on an external XML configuration file. It allows developers to declaratively add services to EJB components as and when they need. As mentioned below, an annotation transforms a simple POJO into an EJB.

EJB are regular Java objects that may be configured using MetaData annotations



POJO class is just like any other class, it does not become an EJB until it's:

1. Assembled/packaged
2. Deployed
3. Accessed via the Container

Annotations are used extensively throughout EJB, and not only to specify services