Bean Scopes

It refers to the lifecycle of Bean that means when the object of Bean will be instantiated, how long does that object live, and how many objects will be created for that bean throughout. Basically, it controls the instance creation of the bean and it is managed by the spring container.

The [spring framework](https://www.geeksforgeeks.org/introduction-to-spring-framework/) provides five scopes for a bean. We can use three of them only in the context of web-aware **Spring ApplicationContext** and the rest of the two is available for both **IoC container and Spring-MVC container.**

* **Singleton:** Only one instance will be created for a single bean definition per Spring IoC container and the same object will be shared for each request made for that bean.
* **Prototype:**A new instance will be created for a single bean definition every time a request is made for that bean.
* **Request:**A new instance will be created for a single bean definition every time an HTTP request is made for that bean. But Only valid in the context of a web-aware Spring ApplicationContext.
* **Session:**Scopes a single bean definition to the lifecycle of an HTTP Session. But Only valid in the context of a web-aware Spring ApplicationContext.
* **Global-Session:**Scopes a single bean definition to the lifecycle of a global HTTP Session. It is also only valid in the context of a web-aware Spring ApplicationContext.