**Aware Interfaces**

• **Spring** has a number of aware interfaces that provide implementing

beans with awareness related to different objects of IoC:

• **BeanNameAware:** Lets the bean know about its name.

• **BeanFactoryAware:** Lets the bean know about its bean factory.

• **ApplicationContextAware:** Lets the bean know about its application context.

• Their order is **BeanNameAware**, **BeanFactoryAware** and then **ApplicationContextAware**.

Farkındalık interfaceleri.

Farkındalık denilen sey aslında beanleri bir listener, observer gibi davranmaya iten interfaceler.

Bunları implement eden beanler belli objelerle alakalı farkındalığa sahip oluyor.

Yukarıda en temel üc tanesi vardır.

**BeanNameAware : beane ismini verir.** Beane ismi ile alakalı farkıdnalık kazandırır.

**BeanFactoryAware :** beanFactory ile alakalı farkındalık kazandırır.

**ApplicationContextAware : AC ile ilgili farkındalık kazandırır.**

Bunların calısma sırası da : **BeanNameAware**, **BeanFactoryAware** and then **ApplicationContextAware’dır.**

• **org.springframework.beans.factory.Aware** is their parent and a marker interface.

• It has no functionality.

• It marks the implementer bean as an observer or listener and makes it

eligible for notifications.

• **Aware** interfaces are called after the bean is initialized.

**Aware** interface’nin subinterface’larıdır. Bean initalized edilikten sonra cagırılıyor.

Bu interface ile subinterfaceler arasında is-a iliskisi vardır.

**BeanNameAware**

• **BeanNameAware** lets the bean know about its name.

• **Spring** does not recommend a bean to depend on its name.

Spring bunu tavsiye etmiyor.

**BeanFactoryAware**

• **BeanFactoryAware** lets the bean know about its bean factory.

• The bean may want to reach other beans created by the same beanfactory.

• If a bean has a reference to another bean for example through a

dependency there is no need to use this interface.

• It can be used to reach other beans that a bean does not have a direct access.

**ApplicationContextAware**

• **ApplicationContextAware** lets the bean know about its context.

• The bean may want to reach information that only

**ApplicationContext** object can serve such as system properties,

file resources, etc..

Bütün AC resourcelarına erisebiliyoruz.

Warning

• Spring warns in its reference document against using these interfaces, it says:

• Note again that using these interfaces ties your code to the Spring API

and does not follow the Inversion of Control style.