



How to register the class to jvm?
Runtime runtime = System.getRuntime();

runtime.registerShutdownHook(new ShutdownHook());

application-context.xml

<bean id="shutdownHook" class="ShutdownHook"/>

```
class Test {
    public static void main(String[] args) {
        BeanFactory beanFactory = new XmlBeanFactory(new ClassPathResource("application-
context.xml"));
        Runnable runnable = beanFactory.getBean("shutdownHook", Runnable.class);
        Runtime.getRuntime().addShutdownHook(new Thread(runnable));
        Calculator cal = beanFactory.getBean("calculator", Calculator.class);
        sop(cal);
    }
}
```

```
class ShutdownHook implements Runnable, BeanFactoryAware {
    BeanFactory beanFactory;
    void run() {
        // write the logic to be executed while the jvm/application is terminating
        ((ConfigurableListableBeanFactory) beanFactory).destroySingletons();
    }
    public void setBeanFactory(BeanFactory beanFactory) {
        this.beanFactory = beanFactory;
    }
}
```

if our class/methods are called by the platform/jvm or containers or others by themselves informing us then our classes are called "callback" or "hookup"