

Spring & Spring Boot 常用扩展点

- 1

Callback interface for initializing a Spring ConfigurableApplicationContext prior to being refreshed.

用于在刷新之前初始化Spring ConfigurableApplicationContext的回调接口。通常在需要对应用程序上下文进行一些编程初始化的web应用程序中使用。例如，根据上下文环境注册属性或激活概要文件。
- 2

Abstract implementation of the ApplicationContext interface.

ApplicationContext接口的抽象实现。

Load or refresh the persistent representation of the configuration, which might an XML file, properties file, or relational database schema.

加载或刷新配置的持久表示，它可以是XML文件、属性文件或关系数据库模式。
- 3

Extension to the standard BeanFactoryPostProcessor SPI.Modify the application context's internal bean definition registry after its standard initialization.标准 BeanFactoryPostProcessor SPI的扩展。在标准初始化之后修改应用程序上下文的内部bean定义注册中心。
- 4

Modify the application context's internal bean factory after its standard initialization. All bean definitions will have been loaded, but no beans will have been instantiated yet.

在标准初始化之后修改应用程序上下文的内部bean工厂。所有的bean定义都已加载，但还没有实例化任何bean。
- 5

Allows for custom modification of an application context's bean definitions, adapting the bean property values of the context's underlying bean factory.

允许自定义修改应用程序上下文的bean定义，调整上下文的底层bean工厂的bean属性值。
- 6

Apply this BeanPostProcessor before the target bean gets instantiated.he returned bean object may be a proxy to use instead of the target bean, effectively suppressing default instantiation of the target bean.

在目标bean实例化之前应用这个BeanPostProcessor。返回的bean对象可能是要使用的代理而不是目标bean，从而有效地抑制了目标bean的默认实例化。
- 7

Extension of the InstantiationAwareBeanPostProcessor interface, adding a callback for predicting the eventual type of a processed bean.Determine the candidate constructors to use for the given bean.

扩展了InstantiationAwareBeanPostProcessor接口，添加了一个回调函数，用于预测被处理bean的最终类型。确定要为给定bean使用的候选构造函数。
- 8

Post-processor callback interface for merged bean definitions at runtime.Post-process the given merged bean definition for the specified bean.

运行时用于合并bean定义的后置处理器回调接口。对指定bean的给定合并bean定义进行后置处理。
- 9

Adapter that implements all methods on SmartInstantiationAwareBeanPostProcessor as noops, which will not change normal processing of each bean instantiated by the container.

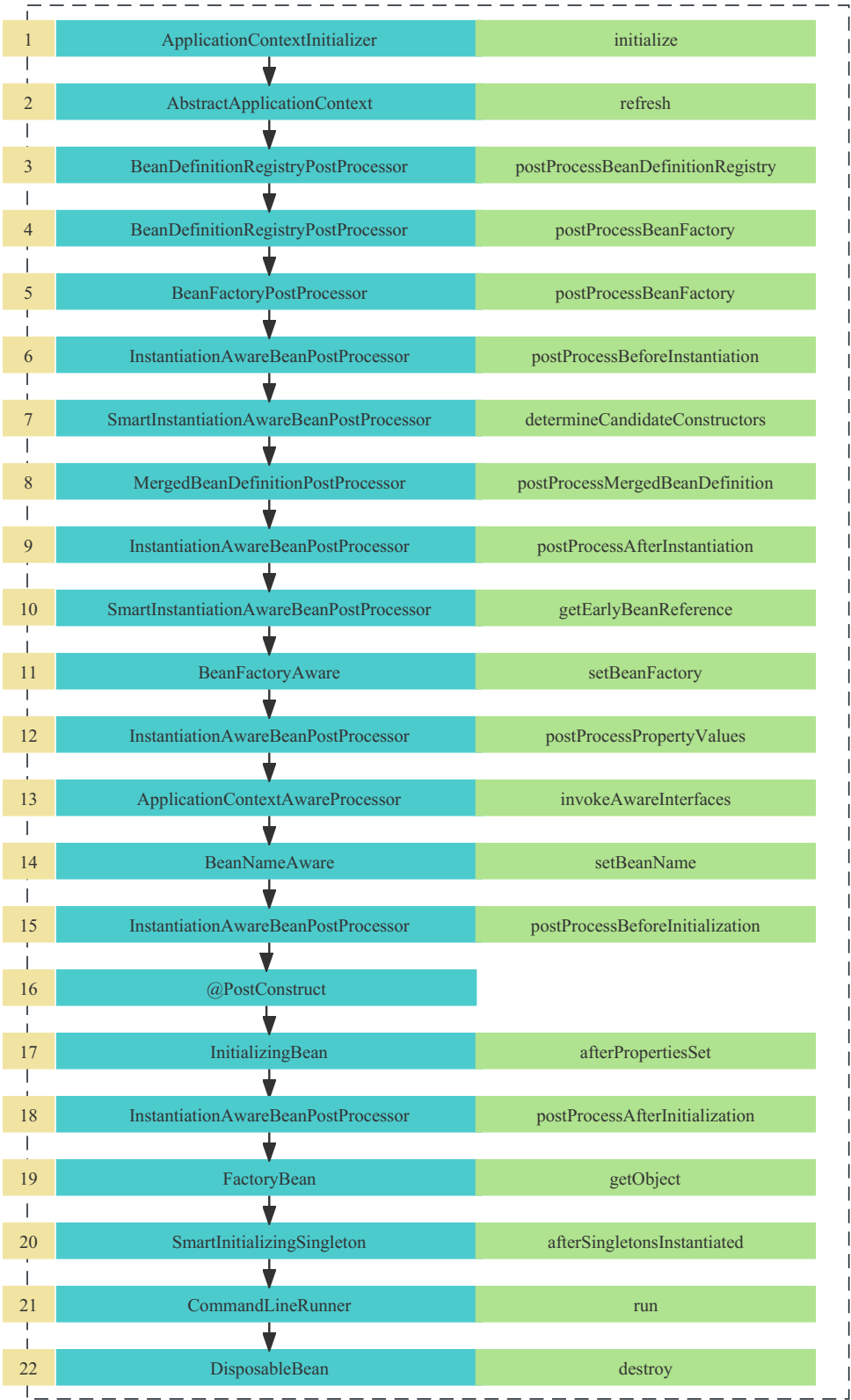
将SmartInstantiationAwareBeanPostProcessor上的所有方法实现为no-ops的适配器，这不会改变容器实例化的每个bean的正常处理。
- 10

Obtain a reference for early access to the specified bean, typically for the purpose of resolving a circular reference.This callback gives postprocessors a chance to expose a wrapper early, before the target bean instance is fully initialized.

获取对指定bean的早期访问的引用，通常是为了解析循环引用。这个回调让后处理器有机会尽早公开包装器——也就是说，在目标bean实例完全初始化之前。
- 11

Interface to be implemented by beans that wish to be aware of their owning BeanFactory.Callback that supplies the owning factory to a bean instance.

接口将由希望知道自己拥有的BeanFactory的bean实现。向bean实例提供所属工厂的回调。



- 12

Postprocess the given property values before the factory applies them to the given bean. Allows for checking whether all dependencies have been satisfied, for example based on a "Required" annotation on bean property setters.

在工厂将给定属性值应用到给定bean之前，对它们进行后置处理。允许检查是否满足所有依赖项，例如基于bean属性设置器上的“Required”注解。
- 13

BeanPostProcessor implementation that passes the ApplicationContext to beans that implement the XXXAware interfaces.

将ApplicationContext传递给实现XXXAware接口的bean的BeanPostProcessor实现。
- 14

Interface to be implemented by beans that want to be aware of their bean name in a bean factory.Set the name of the bean in the bean factory that created this bean.

接口将由希望在bean工厂中知道其bean名称的bean实现。在创建该bean的bean工厂中设置该bean的名称。
- 15

Apply this BeanPostProcessor to the given new bean instance before any bean initialization callbacks (like InitializingBean's afterPropertiesSet or a custom init-method).

在任何bean初始化回调(如InitializingBean的afterPropertiesSet或自定义初始化方法)之前，将此BeanPostProcessor应用于给定的新bean实例。
- 16

The PostConstruct annotation is used on a method that needs to be executed after dependency injection is done to perform any initialization. This method MUST be invoked before the class is put into service.

PostConstruct注解用于需要在依赖注入完成后执行任何初始化的方法上。这个方法必须在类投入服务之前调用。
- 17

Interface to be implemented by beans that need to react once all their properties have been set by a BeanFactory.Invoked by a BeanFactory after it has set all bean properties supplied.

接口将由bean实现，当bean的所有属性都被BeanFactory设置后，bean需要做出反应。在设置了提供的所有bean属性后，由BeanFactory调用。
- 18

Apply this BeanPostProcessor to the given new bean instance after any bean initialization callbacks (like InitializingBean's afterPropertiesSet or a custom init-method). The bean will already be populated with property values.

在任何bean初始化回调(如InitializingBean的afterPropertiesSet或自定义初始化方法)之后，将此BeanPostProcessor应用于给定的新bean实例。bean的属性值填充完毕。
- 19

Interface to be implemented by objects used within a BeanFactory which are themselves factories for individual objects.Return an instance (possibly shared or independent) of the object managed by this factory.

接口将由BeanFactory中使用的对象实现，这些对象本身就是单个对象的工厂。返回由该工厂管理的对象的实例(可能是共享的或独立的)。
- 20

Callback interface triggered at the end of the singleton preinstantiation phase during BeanFactory bootstrap.Invoked right at the end of the singleton preinstantiation phase, with a guarantee that all regular singleton beans have been created already.

在BeanFactory引导期间的单例预实例化阶段结束时触发的回调接口。在单例预实例化阶段结束时调用，并保证已经创建了所有常规的单例bean。
- 21

Interface used to indicate that a bean should run when it is contained within a SpringApplication.Callback used to run the bean

接口，用于指示当bean包含在SpringApplication中时应该运行它。用于运行bean的回调
- 22

Interface to be implemented by beans that want to release resources on destruction.Invoked by a BeanFactory on destruction of a singleton.

接口将由希望在销毁时释放资源的bean实现。由BeanFactory在销毁单例时调用。