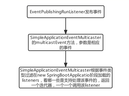
启动过程事件发布源码

SpringBoot的启动流程是由EventPublishingRunListener发布事件的，行数启动，EventPublishingRunListener通知容器事件源码
private SimpleApplicationEventMulticaster initApplicationEventMulticaster() {
ConfigurableBeanFactory beanFactory = getBeanFactory();
SimpleApplicationEventMulticaster multicaster = new SimpleApplicationEventMulticaster(beanFactory);
boolean isMulticaster = isBeanOfType(beanFactory, APPLICATION_EVENT_MULTICASTER_BEAN_NAME, ApplicationEventMulticaster.class);
boolean singleton = beanFactory.isSingleton(APPLICATION_EVENT_MULTICASTER_BEAN_NAME);
if (isMulticaster && singleton) {
return multicaster;
}
else {
if (logger.isTrace()) {
logger.trace("No ApplicationEventMulticaster bean found - fallback to default");
}
return multicaster;
}
}
并且有几个不同的事件，根据发布不同的事件



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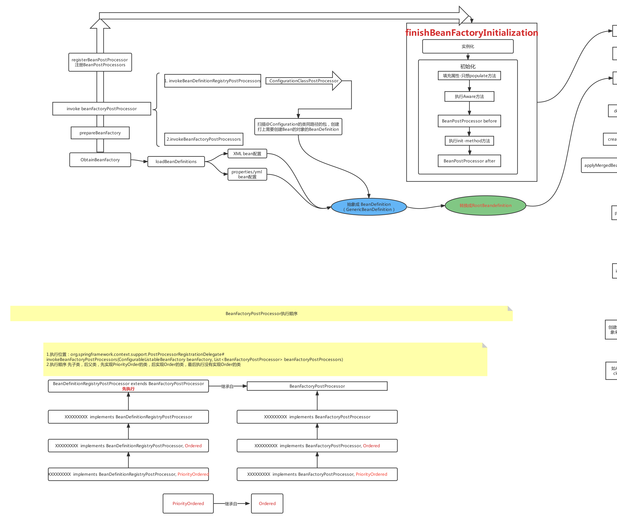
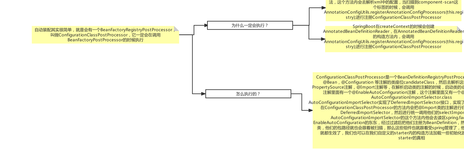
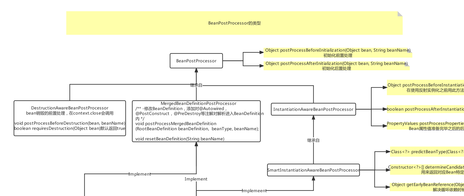


BeanFactoryPostProcessor执行顺序

SpringBoot自动装配



BeanPostProcessor的实现


BeanPostProcessor
继承自
Object postProcessBeforeInitialization(Object bean, String beanName);
初始化前实现
Object postProcessAfterInitialization(Object bean, String beanName);
初始化之后实现
DestructionAwareBeanPostProcessor
bean销毁的前提条件，在contextClose的调用
void postProcessBeforeDestruction(Object bean, String name)
boolean requiresDestruction(Object bean)这个函数
MergedBeanDefinitionPostProcessor
/** 修改BeanDefinition，通知的Autowired
@PostConstruct，@PreDestory等注解的解析入口
void postProcessMergedBeanDefinition
(RootBeanDefinition beanDefinition, Class<?> beanType, String beanName);
void resetBeanDefinition(String beanName)
InstantiationAwareBeanPostProcessor
Object postProcessBeforeInstantiation(Class<?> beanClass, String beanName)
在实例化时实例化之前调用方法创建一个Bean对象
boolean postProcessAfterInstantiation(Object bean, beanName)
PropertyValues postProcessPropertiesPropertyValues pvs, Object bean, beanName)
Bean属性值修改等之后的注解处理事件，可以对属性的赋值调用
SmartInstantiationAwareBeanPostProcessor
Class<?> predictBeanType(Class<?> beanClass, String beanName)
Constructor<?>[] determineCandidateConstructors(beanClass, beanName)
用来回调用Bean构造函数的方法，一般不用它
Object getEarlyBeanReference(Object bean, String beanName)
解决循环依赖时候会调用
Implement
Implement
implement
implement