```
XmlBeanFactory简单实现Default
BeanFactory beanFactory = new XmlBeanFactory(new ClassPathResource("beanFactoryTest.xml"));
                                                                                                                                    DefaultListableBeanFactory
                                                                                                                                                                 bean加
MyTestBean myTestBean = (MyTestBean) beanFactory.getBean(s: "myTestBean");
                                                                                                     入自己的XML读取Reader
                                                                                                                                                                 载核心
                                                                                                                                           Attributes
                                                                                                                                                                                                        Attributes
                                                                                                                                           Operations 0
public ClassPathResource(String path, ClassLoader classLoader) {
                                                                                                                                                                                                + loadBeanDefinitions (Resource
                                                                                                                                                                                                                                Xm1文件加载
    Assert.notNull(path, message: "Path must not be null");
                                                                                                                                                                                                        resource)
                                                                                                                                                                                                                                bean的核心
    String pathToUse = StringUtils.cleanPath(path);
                                                        路径整理
    if (pathToUse.startsWith("/")) {
                                                                                                                XmlValidationModeDetector
                                                                                                                                                                                               + registerBeanDefinitions (Document
                                                                                                                                          extends
                                                                                                                      格式发现器
                                                                                                                                                                                                   doc. Resource resource)
        pathToUse = pathToUse.substring(1);
                                                                                                                                                                                                                                受委托
                                                                                                                                         XmlBeanFactory
    this.path = pathToUse;
    this.classLoader = classLoader != null ? classLoader : ClassUtils.getDefaultClassLoader();
                                                                                                                                                             XML读取个性化
                                                                                                                                        XmlBeanDefinitionR
                                                                                                                                                                                                                                     Attributes
                                                                                                                                                         BeanDefinitionReader
                                                                                                                                             eader
                                                                                                                                                                                                                                     + Document
                                                                                                                                             . . .
                                                                                                                                                                                                                                  loadDocument(...)
 public int loadBeanDefinitions(Resource resource) throws BeanDefinitionStoreException {
                                                                                                                           int validationMode = this.getValidationModeForResource(resource);
                                                                                                                                                                                                      1) 获取对XML文件验证模式; (DTD还是XSD)
     return this.loadBeanDefinitions(new EncodedResource(resource));
                                                                                                                           Document doc = this.documentLoader.loadDocument(inputSource, this.g←
                                                                         bean加载核心方法
                                                                                                                            return this.registerBeanDefinitions(doc, resource);
                                                                                                                                                                                                      2) 加载XML文件,并得到相应的Document;
                                            资源文件编码
 public int loadBeanDefinitions(EncodedResource encodedResource) throws BeanDefinitionStoreException {
                                                                                                                             重头戏: 注册bean
                                                                                                                                                                                                      3)根据返回的Document注册Bean信息。
                                                                                                                            public int registerBeanDefinitions(Document doc, Resource resource) throws BeanDefinitionStoreException {
                                                                                                                                 BeanDefinitionDocumentReader documentReader = this.createBeanDefinitionDocumentReader();
 InputStream inputStream = encodedResource.getResource().getInputStream();
                                                                                                                                 documentReader.setEnvironment(this.getEnvironment());
                                                                                                                                 int countBefore = this.getRegistry().getBeanDefinitionCount();
          org. xml. sax. InputSource接收资源文件为流对象
                                                                                                                                 documentReader.registerBeanDefinitions(doc, this.createReaderContext(resource));
     InputSource inputSource = new InputSource(inputStream);
                                                                                                                                 return this.getRegistry().getBeanDefinitionCount() - countBefore;
     if (encodedResource.getEncoding() != null) {
         inputSource.setEncoding(encodedResource.getEncoding());
                                                                                                                                                                                            if (delegate.isDefaultNamespace(ele)) {
                                                                                                                            doc是通过上一步的loadDocument获取到的;
                                                                                                                                                                                              this.parseDefaultElement(ele, delegate)ean
                                                                                                                           this.createBeanDefinitionDocumentReader()其实已经将documentReader实例化
        文件处理完毕,开始bean加载
                                                                                                                            了DefaultBeanDefinitionDocumentReader的对象:
                                                                                                                                                                                              delegate.parseCustomElement(ele):annotation-driven/>
     var5 = this.doLoadBeanDefinitions(inputSource, encodedResource.getResource());
                                                                                                                           DefaultBeanDefinitionDocumentReader的目的之一就是提取root;
```