# [一、准备工作](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#%E4%B8%80%E5%87%86%E5%A4%87%E5%B7%A5%E4%BD%9C)

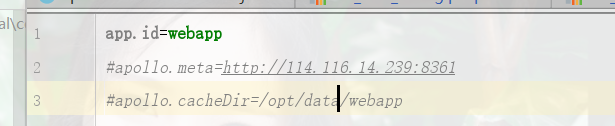
## 环境要求

## 必选设置

### AppId

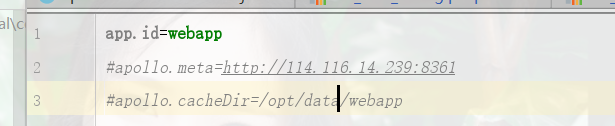
### Apollo Meta Server

apollo.meta来指定eureka 的地址



### 本地缓存路径

#### 自定义缓存路径



## 可选设置

### Environment

### 配置环境变量（运维用）

这里会在每台服务器都进行配置，然后项目只需要指定appId 就可以了

vi ~/.bash\_profile

export APOLLO\_META=http://192.168.0.129:16001

export ENV=DEV

[二、Maven Dependency](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#%E4%BA%8Cmaven-dependency)

[三、客户端用法](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#%E4%B8%89%E5%AE%A2%E6%88%B7%E7%AB%AF%E7%94%A8%E6%B3%95)

[3.1 API使用方式](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#31-api%E4%BD%BF%E7%94%A8%E6%96%B9%E5%BC%8F)

[3.1.1 获取默认namespace的配置](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#311-%E8%8E%B7%E5%8F%96%E9%BB%98%E8%AE%A4namespace%E7%9A%84%E9%85%8D%E7%BD%AEapplication)

[3.1.2 监听配置变化事件](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#312-%E7%9B%91%E5%90%AC%E9%85%8D%E7%BD%AE%E5%8F%98%E5%8C%96%E4%BA%8B%E4%BB%B6)

[3.1.3 获取公共Namespace的配置](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#313-%E8%8E%B7%E5%8F%96%E5%85%AC%E5%85%B1namespace%E7%9A%84%E9%85%8D%E7%BD%AE)

[3.1.4 获取非properties格式namespace的配置](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#314-%E8%8E%B7%E5%8F%96%E9%9D%9Eproperties%E6%A0%BC%E5%BC%8Fnamespace%E7%9A%84%E9%85%8D%E7%BD%AE)

[3.2 Spring整合方式](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#32-spring%E6%95%B4%E5%90%88%E6%96%B9%E5%BC%8F)

[3.2.1 配置](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#321-%E9%85%8D%E7%BD%AE)

[3.2.1.1 基于XML的配置](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#3211-%E5%9F%BA%E4%BA%8Exml%E7%9A%84%E9%85%8D%E7%BD%AE)

[3.2.1.2 基于Java的配置（推荐）](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#3212-%E5%9F%BA%E4%BA%8Ejava%E7%9A%84%E9%85%8D%E7%BD%AE%E6%8E%A8%E8%8D%90)

[3.2.1.3 Spring Boot集成方式（推荐）](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#3213-spring-boot%E9%9B%86%E6%88%90%E6%96%B9%E5%BC%8F%E6%8E%A8%E8%8D%90)

[3.2.2 Spring Placeholder的使用](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#322-spring-placeholder%E7%9A%84%E4%BD%BF%E7%94%A8)

[3.2.3 Spring Annotation支持](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#323-spring-annotation%E6%94%AF%E6%8C%81)

[3.2.4 已有配置迁移](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#324-%E5%B7%B2%E6%9C%89%E9%85%8D%E7%BD%AE%E8%BF%81%E7%A7%BB)

[3.3 Demo](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#33-demo)

[四、客户端设计](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#%E5%9B%9B%E5%AE%A2%E6%88%B7%E7%AB%AF%E8%AE%BE%E8%AE%A1)

[五、本地开发模式](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#%E4%BA%94%E6%9C%AC%E5%9C%B0%E5%BC%80%E5%8F%91%E6%A8%A1%E5%BC%8F)

[六、测试模式](https://github.com/ctripcorp/apollo/wiki/Java%E5%AE%A2%E6%88%B7%E7%AB%AF%E4%BD%BF%E7%94%A8%E6%8C%87%E5%8D%97#%E5%85%AD%E6%B5%8B%E8%AF%95%E6%A8%A1%E5%BC%8F)