

# Spring-conf

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## 简介:

监控 spring 配置的 properties 文件，当配置文件修改后自动重启 spring

本插件适用于集群的 web 应用，通过配置中心管理配置文件。

Monitor property files the spring PropertyPlaceholderConfigurer configured and notify listeners.

The default listener {@link org.springframework.conf.listener.DefaultConfChangedListener} will refresh "spring WebApplicationContexts" when listened file updated.

## Usage:

please see the test sources.

## Maven

```
<dependency>

    <groupId>org.springframework</groupId>

    <artifactId>spring-conf</artifactId>

    <version>1.0.1</version>

</dependency>
```

## 1. configurate spring-conf

---

create confMonitor.xml and configurate.

```
<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

       xmlns:confMonitor="http://org.springframework.conf/schema/conf/confmonitor"
       xsi:schemaLocation="http://www.springframework.org/schema/beans
```

```

    http://www.springframework.org/schema/beans/spring-beans.xsd
    http://org.springframework.conf/schema/conf/confmonitor

http://org.springframework.conf/schema/conf/confmonitor/confmonitor.xsd
">

    <bean name="monitorConfRefreshSpring"
class="org.springframework.conf.listener.DefaultConfChangedListener" >
    <property name="name" value="monitor http conf and fresh spring when
conf changed" />
    </bean>

    <confMonitor:application id="test-conf"
name="monitorConfRefreshSpringThread" pollingTime="2000"
propertyPlaceholderConfigurer="configBean"
listeners="monitorConfRefreshSpring"/>

</beans>

```

## 2. configurate spring

applicationContext.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:tx="http://www.springframework.org/schema/tx"
    xmlns:mvc="http://www.springframework.org/schema/mvc"
    xmlns:aop="http://www.springframework.org/schema/aop"
    xsi:schemaLocation="http://www.springframework.org/schema/beans

http://www.springframework.org/schema/beans/spring-beans-3.0.xsd
    http://www.springframework.org/schema/tx
http://www.springframework.org/schema/tx/spring-tx-3.0.xsd
    http://www.springframework.org/schema/mvc
http://www.springframework.org/schema/mvc/spring-mvc-3.0.xsd
    http://www.springframework.org/schema/aop

http://www.springframework.org/schema/aop/spring-aop-3.0.xsd">

    <bean id="configBean"
class="org.springframework.beans.factory.config.PropertyPlaceholderConf
igurer">
    <property name="fileEncoding" value="UTF-8"/>

```

```

        <property name="systemPropertiesModeName"
value="SYSTEM_PROPERTIES_MODE_OVERRIDE"/>
        <property name="ignoreResourceNotFound" value="true" />
        <property name="locations">
            <list>
                <value>classpath:local.properties</value>

<value>file:///E:/karl/war/ezhe/env/ezhe.properties</value>

<value>http://127.0.0.1:82/war/ezhe/env/www.properties</value>
            </list>
        </property>
    </bean>
    <import resource="confMonitor.xml" /> <!-- include spring-conf
configuration xml file-->
</beans>

```

configBean.locations will be monitor.

### 3. start spring

```

public class MainTest {

    public static void main(String[] args){
        try {
            ClassPathXmlApplicationContext context = new
ClassPathXmlApplicationContext(new
String[] {"classpath:applicationContext.xml"});
            context.start();
            System.in.read();
        }catch (Exception e){
            e.printStackTrace();
        }
    }
}

```

#### MORE:

<http://repo.gozap.com/repos/content/groups/public/org/springframework/spring-conf/1.0.1/>