- 1、安装jenkins,下载jenkins.war 放到tomcat 或yum install jenkins 建议yum 装
- 2、安装 Android SDK,再安装build-tools 和api要和android 开发所用的版本一致
- 3、安装 Android_NDK(问一下开发,需要的话安装)
- 4、安装java
- 5、安装gradle(版本和android开发本地的版本必须一致)
- 6、设置 sdk、ndk、java、gradle环境变量

```
1. export JAVA_HOME=/opt/java
2. export CLASSPATH=.:$JAVA_HOME/jre/lib/rt.jar:$JAVA_HOME/lib/dt.jar:$JAVA_HOME/lib/t
3. export PATH=$PATH:$JAVA_HOME/bin
4. export ANDROID_NDK_HOME=/opt/android-ndk
5. export PATH=$PATH:$ANDROID_NDK_HOME
6. export ANDROID_HOME=/opt/android-sdk-linux
7. export PATH=$PATH:$ANDROID_HOME/tools:$ANDROID_HOME/platform-tools
8. export GRADLE_HOME=/opt/gradle
9. export PATH=$PATH:$GRADLE_HOME/bin
```

7、安装360加固linux版

给360jiagubao@360.cn 要最新版,或者 https://yunpan.cn/cWkg4YV5hmphU (提取码: cfb9)下载传到服务器解压缩

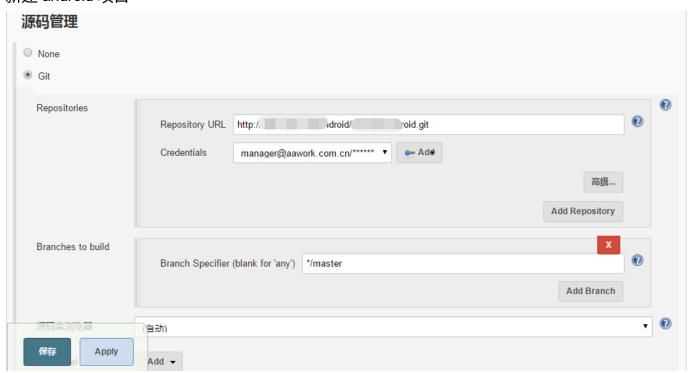
8、jenkins安装 <u>Android Lint Plugin</u> gradle Plugin git 钉钉 等插件,然后在global tool configuration里配置好



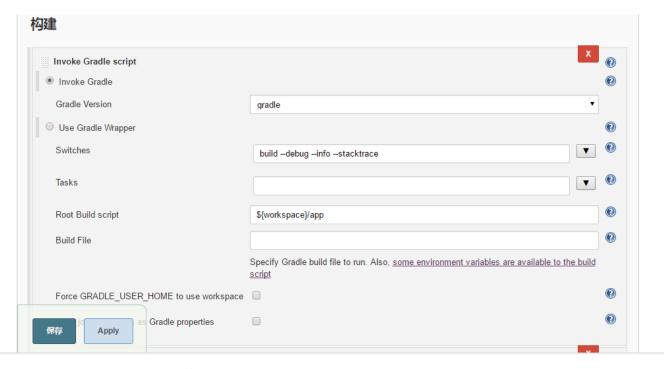
Maven Configuration

Default settings provider	Use default maven settir	Use default maven settings			
	ood dollant maron ootin	.90			
Default global settings provide	er Llas default mayon deba	l cottingo			
	Ose derault maveri globa	Use default maven global settings			
JDK					
JDK 安装					
Git					
Git installations					
Oit installations	Git				
	Name	git1.8			
		3			
	Path to Git executable	/usr/bin/git			

新建 android 项目



配置gradle



增加一个构建 步骤 执行shell脚本,用来加固和多渠道打包



加固脚本,能运行就行了,别管为啥要for

```
#!/usr/bin/python
 1.
 2.
     # coding:utf-8
 3.
     # 贝加尔 20150527 ly
 4.
 5.
     import time
 6.
     import os
 7.
     import psutil
 8.
     import subprocess
 9.
     import ddmsg
10.
11.
     robot_url = 'https://oapi.dingtalk.com/robot/send?access token=xxxxab2762xxxxxxxd7
     #这人是你的机器 人的url
12.
13.
     stamp = time.strftime('%Y%m%d%H%M%S', time.localtime())
14.
     root_path = '/var/ftp/pub'
15.
     #这是ftp或者nginx 文件服务的目录, ftp最好匿名
16.
     build_path = '/var/lib/jenkins/workspace/AAwork_Android/app/build/outputs/apk'
17.
     #这是打包后apk的目录
     ftpdir = os.path.join(root_path, stamp)
18.
19.
     os.mkdir(ftpdir)
```

```
20.
     apklist = os.listdir(build_path)
21.
22.
     for apk in apilist:
23.
          srcapk = os.path.join(build_path, apk)
24.
          cmd = ["java", "-jar", "/opt/360jiagubao_linux_64/jiagu/jiagu.jar", "-jiagu", s
25.
          subprocess.call(cmd)
26.
27.
     msg = ddmsg.DingMsg(robot_url)
28.
     msg.send()
```

这是发钉钉消息的脚本, 半成品, 能用就行了, 大概意思就是这样

```
1.
     #!/usr/bin/python
 2.
     # coding:utf-8
     # 贝加乐 20170527 ly
 3.
4.
     import json
 5.
     import urllib2
 6.
 7.
     robot_url = 'https://oapi.dingtalk.com/robot/send?access_token=c3f97911ffe2a7ab2762
 8.
     class DingMsg(object):
          """docstring for DingMsg"""
9.
10.
         def __init__(self, url):
11.
             super(DingMsg, self).__init__()
12.
              self.url= url
13.
              self.header_key = 'Content-Type'
14.
              self.header_val = 'application/json'
15.
16.
         def send(self):
17.
              jmsg = self.__sendLink()
18.
              req = urllib2.Request(self.url, jmsg)
19.
              req.add_header(self.header_key, self.header_val)
20.
              rp = urllib2.urlopen(req)
21.
22.
         def __sednText():
23.
24.
              pass
25.
         def sendLink(self):
26.
              msg = {"msgtype":"link", "link":{"text":"请下载最近日期的安装包","title":"下载
27.
       "messageUrl": "http://192.168.0.185"}}
28.
29.
              return json.dumps(msg).encode('utf-8')
30.
         def __sendFeedCard():
31.
              pass
32.
         def __sendMarkdown():
33.
              pass
```



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/	
20170527153552/	27-May-2017 15:3
20170527153614/	27-May-2017 15:3
20170527153659/	27-May-2017 15:3
20170527153928/	27-May-2017 15:3
20170527154131/	27-May-2017 15:4
20170527154242/	27-May-2017 15:4
20170527155832/	27-May-2017 16:0

Index of /20170527155832/

```
<u>../</u>
aawork 2.0.0 2017-05-27
                          360 200 UMENG CHANNEL ... > 27-May-2017 16:00
                                                                             18M
<u>aawork 2.0.0 2017-05-27</u>
                          360 200 UMENG CHANNEL
                                                      27-May-2017 16:00
                                                                             18M
                                                      27-May-2017 16:00
                                                                             18M
aawork 2.0.0 2017-05-27
                          360 200 UMENG CHANNEL
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                          360 200 UMENG CHANNEL
                                                      27-May-2017 16:00
                                                                             18M
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                              200 UMENG CHANNEL
                                                      27-May-2017 16:00
                          360
                                                                             18M
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                                  UMENG CHANNEL
                                                      27-May-2017 16:00
                                                                             18M
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                          360
                              200 UMENG CHANNEL
                                                      27-May-2017 16:00
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                              200 UMENG CHANNEL
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aawork 2.0.0 2017-05-27
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                                                                             18M
aawork 2.0.0 2017-05-27
                          360 200 UMENG CHANNEL
                                                      27-May-2017 16:00
                                                                             18M
aawork 2.0.0 2017-05-27
                          360 200 UMENG CHANNEL
                                                      27-May-2017 16:00
                                                                             18M
aawork 2.0.0 2017-05-27
                          360 200 UMENG CHANNEL ... > 27-May-2017 16:00
                                                                             18M
                          360 200 jiagu sign.apk
aawork 2.0.0 2017-05-27
                                                      27-May-2017 16:00
                                                                             18M
```

这是360加固的帮助文件

```
/opt/360jiagubao_linux_64/jiagu
1.
 2.
        -login <username> <password>
                                      首次使用必须先登录
3.
        -importsign <keystore_path> <keystore_password> <alias> <alias_password>
4.
                           导入签名信息
        -importmulpkg <mulpkg_filepath>
                                         导入多渠道配置信息, txt格式
 5.
        -showsign
                              查看已配置的签名信息
6.
7.
        -showmulpkg
                              查看已配置的多渠道信息
8.
        -help
9.
        -jiagu <inputAPKpath> <outputPath> 加固应用,可选参数
10.
                [-autosign]
                                  自动签名
11.
                [-automulpkg]
                                      自动多渠道
                [-pkgparam mulpkg_filepath] 使用mulpkg_filepath配置文件的渠道信息
12.
```

先登录 , 再导入签名文件 , 再导入渠道配置文件 , 这是我的渠道

```
UMENG_CHANNEL 360应用平台 360
 1.
     UMENG_CHANNEL 小米 xiaomi
 2.
 3.
     UMENG CHANNEL 联想 lenvo
 4.
     UMENG CHANNEL 华为 huawei
 5.
     UMENG CHANNEL 魅族 meizu
 6.
     UMENG CHANNEL 百度 baidu
 7.
     UMENG_CHANNEL oppo oppo
 8.
     UMENG_CHANNEL vivo vivo
 9.
     UMENG CHANNEL 应用宝 yyb
10.
     UMENG CHANNEL 乐视 leshi
11.
     UMENG_CHANNEL 豌豆荚 wdj
     UMENG CHANNEL 阿里应用分发 ali
12.
```

配置nginx 文件下载,或者ftp

安装 vsftp 匿名登录 ,即开既用,根本不用配置,防火墙打开就行了nginx 配置

```
1.
     server {
 2.
         listen
                       80;
 3.
          server name 192.168.0.185
         charset utf-8;
 5.
          root /var/ftp/pub;
 6.
         location / {
 8.
              autoindex on;
9.
              autoindex_exact_size off;
              autoindex_localtime on;
10.
11.
     }
12.
```

钉钉配置机器 人,首先你要是群主,你能把机器人加进去



然后复制机器 人的url 放到脚本里的robot_url里可以构建了