
Test-Cookbook Documentation

v1.0

midada

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- : midada_note

Github:<https://github.com/midada/Test-Cookbook>



公众号: midada_note

:

2.1

: Android

Android,

3.1 Android

360

3.1.1

Androidapk

apk

3.1.2

Android ApkAndroidManifest.xml

1. Android Apk
2. apkAndroidManifest.xml
3. apk
4. csv

a. Android Apk

Apk,.

AndroidManifest.xml

apktool.jar: <https://bitbucket.org/iBotPeaches/apktool/downloads>

```
java -jar apktool.jar d -f package.apk
```

```
I: Using Apktool 2.1.0 on test.apk
I: Loading resource table...
I: Decoding AndroidManifest.xml with resources...
I: Loading resource table from file: C:\Users\Administrator\apktool\framework\1.apk
I: Regular manifest package...
I: Decoding file-resources...
I: Decoding values */* XMLs...
I: Baksmaling classes.dex...
I: Copying assets and libs...
I: Copying unknown files...
I: Copying original files...
```

: Android apkAndroidManifest.xml -s ,.

b.

AndroidManifest.xml.

python

```
with open(manifest, 'r+') as m:
    umeng_line = [ line.strip() for line in m.readlines() if 'UMENG_CHANNEL' in line ]
#.
```

apk

```
def get_apk_umeng_value(reverse_folder):
    umeng_channel = []
    for rfn in reverse_folder:
        manifest = os.path.join(version_catalogue, rfn, 'AndroidManifest.xml')
        with open(manifest, 'r+') as m:
            umeng_line = [ line.strip() for line in m.readlines() if 'UMENG_CHANNEL' in line ]
            for ul in umeng_line:
                ucv = ul.split('=')[2]
                #strip"/>/--
                umeng_channel.append(ucv.strip('">--'))
    return umeng_channel
```

<https://github.com/midada/Android-Test/blob/master/channelverify.py>

3.2 Apk

Apk

```
keytool.exe -printcert -v -file CERT.RSA
```

```
Owner: CN=wang, OU=xinhuan, O=xinhuan, L=beijing, ST=beijing, C=cn
Issuer: CN=wang, OU=xinhuan, O=xinhuan, L=beijing, ST=beijing, C=cn
Serial number: 469d1fe7
Valid from: Tue Oct 27 19:38:09 CST 2015 until: Sat Oct 20 19:38:09 CST 2040
Certificate fingerprints:
    MD5:  D9:0B:82:E7:D6:22:81:84:AE:A0:52:44:25:E0:61:B3
    SHA1: 16:D1:C5:4A:EE:04:DA:13:5C:67:F1:2E:42:7C:B5:BB:10:7D:D6:B4
```

```
SHA256: 94:2B:75:83:57:DC:3C:BB:38:FE:B4:66:98:B2:12:CE:D9:31:92:BB:EA:B2:19:9D:58:74:FD:34:CC:1
Signature algorithm name: SHA256withRSA
Version: 3
```

Extensions:

```
#1: ObjectId: 2.5.29.14 Criticality=false
```

```
SubjectKeyIdentifier [
```

```
KeyIdentifier [
```

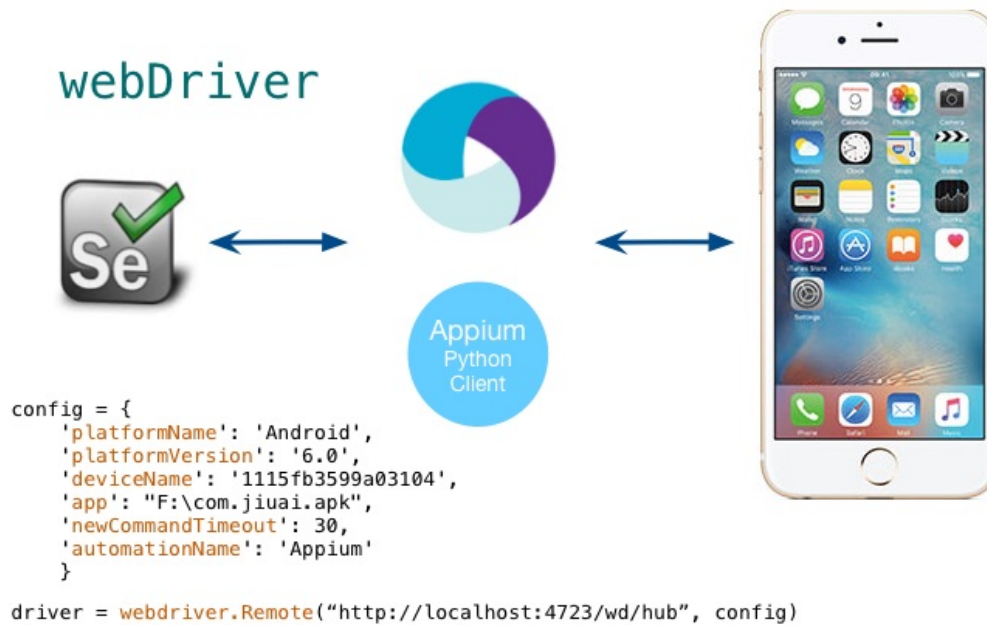
```
0000: 92 74 E2 63 9A BA 38 9C    7F A1 44 8C E5 D3 CA BC    .t.c..8...D.....
```

```
0010: 79 FB 03 AF                                y...
```

```
]
```

```
]
```

: Appium



4.1 Appium

Appium_Python_ClientAppium

4.2 Appium

4.3 Appium Python Api

4.3.1 Api :

1.
`driver.is_app_installed("com.packagename")`
2.
`driver.install_app('/path/com.packagename.apk')`
3.
`driver.remove_app('com.packagename.apk')`

4.3.2 Api :

1.
`driver.launch_app()`
2.
`driver.close_app()`
3.
`driver.reset()`
- 4.app
`driver.background_app(10)`

4.3.3 Api :

1.
`driver.pull_file('path/filename')`
2.
`data = "some data for the file"`
`path = "/data/file.txt"`
`driver.push_file(path,data.encode('base64'))`
3.
`driver.get_screenshot_as_file('login.png')`

4.3.4 Api :

1.
`driver.lock(10)`
2.
`driver.swipe(75,500,75,0,0.8)`
3.
`driver.pinch(element=e1)`
4.
`action = TouchAction(driver)`
`action.press(element=e1,x=10,y=10).release().perform()`

4.3.5 Api :

- 1.ios
`driver.hide_keyboard()`
2.
`driver.keyevent(176)`

4.3.6 Api :

1.
`driver.shake()`

4.3.7 Api :

1.
`driver.contexts`
2.
`driver.current_context`
3.
`driver.switch_to.context(None)`
4.
`driver.app_strings`

4.3.8 Api : Activity

- 1.activity
`driver.current_activity`

4.4 Appium

```
driver.keyevent(keyCode)
```

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(Enter)	66
(Space)	62
Tab (Tab)	61
(Backspace)	67

4.4.2 2.

Home	3
	4
	5
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	24, 25
	26
	27
	164
	84
	82
	28

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0-9	7-16
a-z	29-54
	17
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[]	71, 72
\	73

;	74
,	75
/	76
@	77
+	81
-	69
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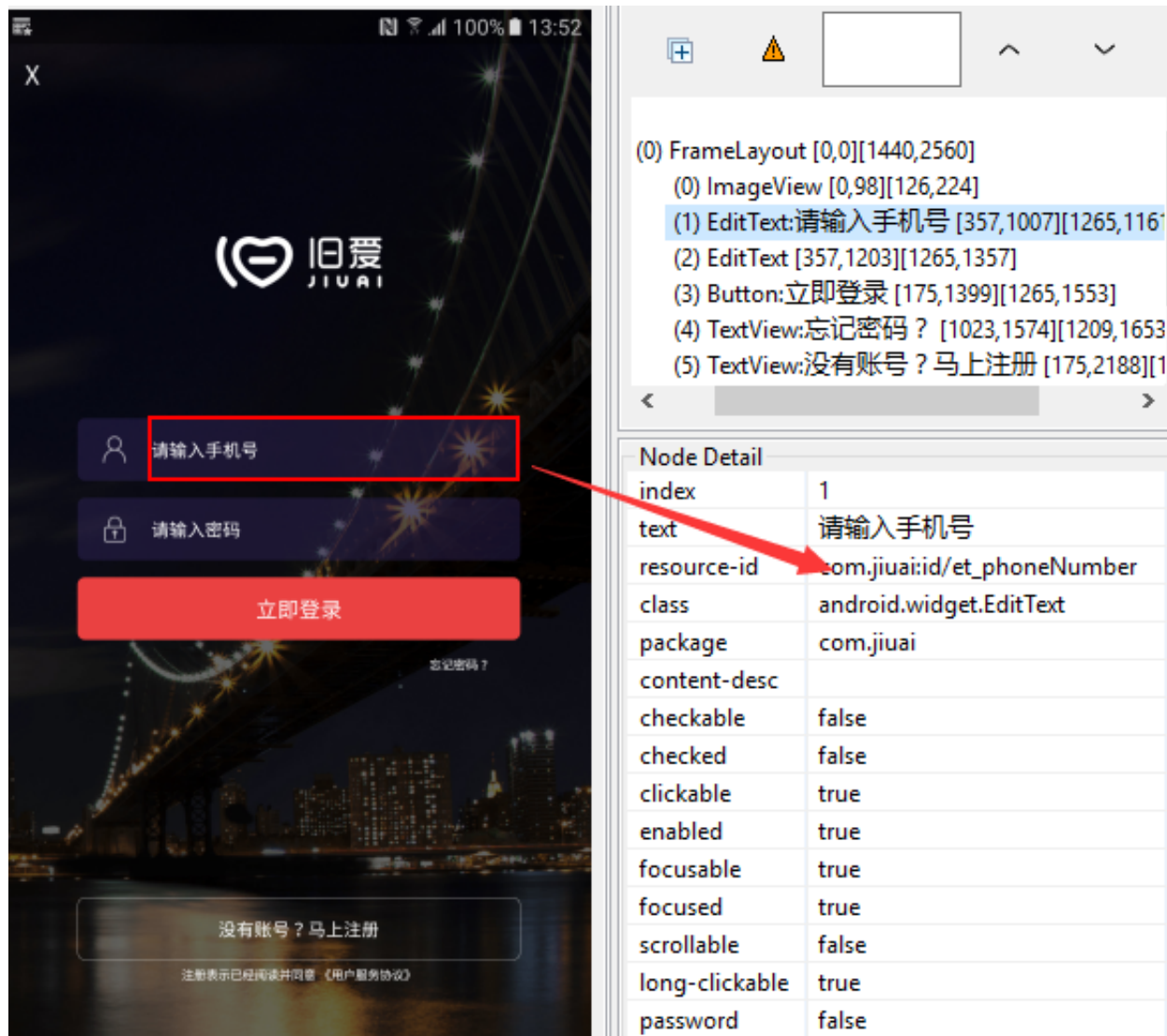
4.5 Android

4.5.1 uiautomatorviewer

uiautomatorviewerAndroid SDK\$ANDROID_HOME/tools

App

uiautomatorviewer.bat,



4.5.2 resource_id

```
driver.find_element_by_id("com.jiuai:id/rbPersonal").click()
```

4.6 ios

4.7 Android

```
def swipe(self, start_x, start_y, end_x, end_y, duration=None):
    """Swipe from one point to another point, for an optional duration.

    :Args:
    - start_x - x-coordinate at which to start
    - start_y - y-coordinate at which to start
    - end_x - x-coordinate at which to stop
```

```

- end_y - y-coordinate at which to stop
- duration - (optional) time to take the swipe, in ms.
:Usage:
    driver.swipe(100, 100, 100, 400)
"""

```

4.7.1

```

width = driver.get_window_size()['width']
height = driver.get_window_size()['height']

```



如图：

x轴代表height, y轴代表width

左滑：x轴不变, y轴从大向小

右滑：x轴不变, y轴从小向大

上滑：x轴从大变小, y轴不变

下滑：x轴从小变大, y轴不变

4.7.2

```

driver.swipe(height/4*3,width/2,height/4,width/2,800)

```

4.7.3

```
driver.swipe(height/4,width/2,height/4*3,width/2,800)
```

4.7.4

```
driver.swipe(height/2,width/4,height/2,width/4*3,800)
```

4.7.5

```
driver.swipe(height/2,width/4*3,height/2,width/4,800)
```

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