

7003 Userinterface Manual

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1. Document version

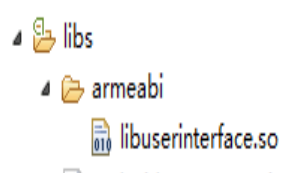
Data	version	author	audit	note
2016-11-19	1.0	chen	edasion	First version
2016-12-14	1.1	chen	edasion	add get IMEI function
2017-2-14	1.2	chen	edasion	Add get System version
2017-2-21	1.3	chen	edasion	Add get battery lev function

2. Build development environment

2.1 Eclipse

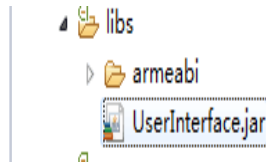
2.1.1 Load dynamic library

In your Android Project, In the libs folder to create a armeabi folder,put libuserinterface.so in,as shown in the figure.



2.1.2 Load jar file

Put Userinterface.jar into the libs, as shown in the figure.



3. Use userinterface

3.1 Create Userinterface

```
Userinterface userinterface = new Userinterface ();
```

3.2 Open Userinterface

`userinterface.open();` if this operation is successful, you can use Userinterface to get some machine information that you want.

3.3 Close Userinterface

One thing is very important, if you no longer use the userinterface, you must call `userinterface.close()` to close userinterface, or it will consume electricity and reduce life.

4. Userinterface interface function

4.1 Function list

In userinterface.jar,it provides some function interface to you use Userinterface,refer to following table:

no	name	description
1	open	Open Userinterface
2	close	Close Userinterface
3	getSerialNumber	Get Serial number
4	getIMEI	Get IMEI
5	getVersion	Get this SDK version
6	getSysVersion	Get android system version
7	getBatVal	Get Battery Level

4.2 function description

4.2.1 open

function:

```
public int open();
```

description:

Open Userinterface.

In parameter:

no

out parameter:

no

return value:

-1: fail

0: success

4.2.2 clsoe

function:

```
public int close();
```

description:

Close Userinterface.

in parameter:

no

out parameter:

no

return value:

-1: fail

0: success

4.2.3 getSerialNumber

function:

```
public String getSerialNumber ();
```

description:

Call this function ,get Serial number.

in parameter:

no

out parameter:

no

return value:

null : not any information

String: serial number

4.2.4 getIMEI

function:

```
public String getIMEI (Context mContext);
```

description:

Before call this function ,you must add a

permission in your app:

```
<uses-permission android:name="android.permission.READ_PHONE_STATE"/>
```

Or you cannot get IMEI.

in parameter:

mContext -- context

out parameter:

no

return value:

null : not any information

String: IMEI number

4.2.5 getVersion

function:

static public String getVersion()

description:

Get version of this SDK,note: this
function is static

in parameter:

no

out parameter:

no

return value:

String: SDK version

4.2.6 getSysVersion

function:

public String getSysVersion()

description:

Get version of android system

in parameter:

no

out parameter:

no

return value:

String: android system version

4.2.7 getBatVal

function:

```
public int getBatVal ()
```

description:

Get get Battery Level

0 - 0%

1 - 10%

2 - 20%

3 - 30%

4 - 40%

5 - 50%

6 - 60%

7 - 70%

8 - 80%

9 - 90%

10 - 100%

11 – is charging

in parameter:

no

out parameter:

no

return value:

String: Battery Level