MEDIATEK

NvRam Java Interface

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Document Revision History

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Revision	Date	Author	Description
V1.0	2017-02-14	Koshi Chiu	(\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
V1.1	2017-02-14	Yuchi Xu	
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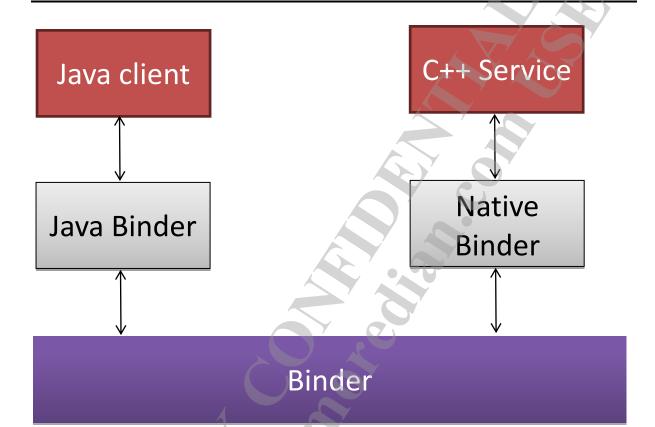
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The introduction of Nvram Java Interface



How to access NvRAM from Java 2

2.1

Java (NvRAMAgent.java)	Description
byte[] readFile(int file_lid);	Read file according to file lid
int writeFile(int file_lid,byte[] buff);	write file according to file lid and buff (The buff size must equal to the record size of lid)
byte[] readFileByName(String file_name);	Read file according to LID file name
int writeFileByName(String file_name,byte[] buff);	write file according to file LID file name and buff (The buff size must equal to the record size of lid)

Path: mediatek/source/packages/NvRAM/(MT6573 or Later) external/mediatek/nvram/NvRAM (MT6516)

package [Your project] in NvRAMAgent.java

```
package com.your.project
```

import java.lang.String;

2.2

Java (NvRAMAgent.java)	Description
byte[] readFile(int file_lid);	Read file according to file lid
int writeFile(int file_lid,byte[] buff);	write file according to file lid and buff (The buff size must equal to the record size of lid)

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Path: mediatek/source/packages/NvRAM/(MT6573 or Later)

external/mediatek/nvram/NvRAM (MT6516)

If you want to call the two NvRAM Interface for Java ,please add following code_:

1. import android.os.IBinder;

import android.os.ServiceManager;

IBinder binder=SeviceManager.getService("NvRAMAgent");

NvRAMAgent agent = NvRAMAgent.Stub.asInterface (binder);

Then you can call that two function:

```
byte[] buff = agent.readFile(file_lid);
int flag = agent.writeFile(file_lid,buff);
```

2.3

Java (NvRAMAgent.java)	Description
byte[] readFile(String filename);	Read file according to file name string
int writeFile(String filename, byte[] buff);	write file according to file name string and buff (The buff size must equal to the record size of lid)

Path: mediatek/source/packages/NvRAM/(MT6573 or Later)

external/mediatek/nvram/NvRAM (MT6516)

If you want to call the two NvRAM Interface for Java ,please add following code:

1. import android.os.lBinder;

import android.os.ServiceManager;

2. IBinder binder=SeviceManager.getService("NvRAMAgent");

NvRAMAgent mAgent = NvRAMAgent.Stub.asInterface (binder);

3. Code pieces:

String filename = "/data/nvram/APCFG/APRDB/BT_Addr";

byte[]buff =mAgent.readfile(filename);

int flag = mAgent.writefile(filename,buff)