NvRam Java Interface

Doc No: CS6000-BC4C-CGD-V1.0EN
Version: V1.0
Release date: 2017-02-14
Classification: internal

Keywords

Customization Guide

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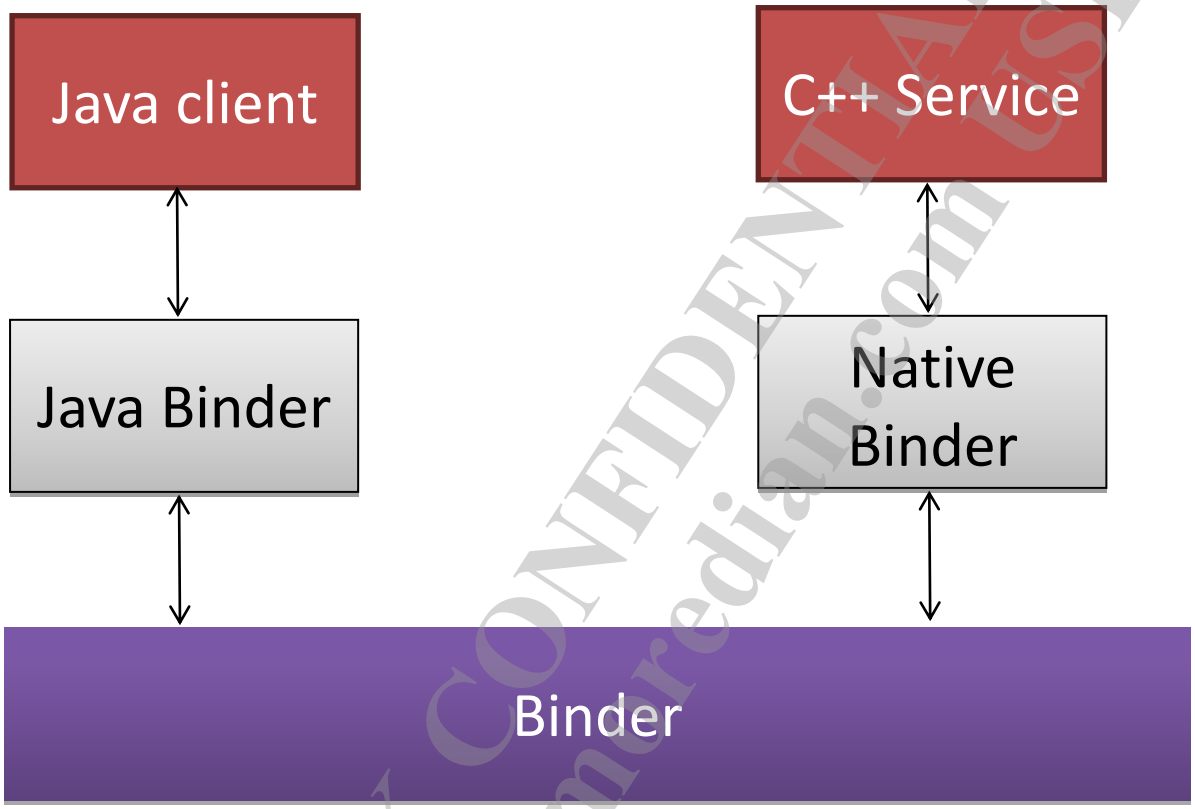
Document Revision History

Revision	Date	Author	Description
V1.0	2017-02-14	**Koshi Chiu**	
V1.1	2017-02-14	**Yuchi Xu**	
V1.2	2017-02-14	**Jian Lin**	
V1.3	2017-02-14	**Jiajie Hao**	

Table of Contents

1 The introduction of Nvram Java Interface



2 How to access NvRAM from Java

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)

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;

2. 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.IBinder ;

   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)