**There are Four APIs in SAM jar**

(1)

SamManager InitInstance(Context context)

Purpose:

To bind SAM service

Parameter:

context is Activity

return:

SamManager is not null if it was successful or null if it was failed

example:

private SamManager m\_SM;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

m\_SM = SamManager.InitInstance(this);

}

(2)

ClResult ExecuteApdu(int[] cmd, ApduOutputData outputData)

Purpose:

Send APDU command and get response of IC card.

Parameter:

cmd as an input int array(APDU command)

outputData as an output ApduOutputData object

return:

ClResult.S\_OK if it was successful or ClResult.S\_ERR if it was failed.

Example:

**int**[] cmd={0x00,0x01,0x02,0x03,0x04,0x05};

ApduOutputData outputData=**new** ApduOutputData();

**if** (ClResult.*S\_OK* == m\_SM.ExecuteApdu(cmd, outputData))

{

tvOutput.setText("Len is " + outputData.length + "\nData is " + intArrayToHex(outputData.outputData));

}

PS:

public class ApduOutputData {

public int[] outputData;

public int length;

}

(3)

void Release()

Purpose:

Unbind with SAM service

Example:

@Override

**protected** **void** onDestroy() {

**super**.onDestroy();

m\_SM.Release();

}

(4)

String Get\_SamServiceVer()

Purpose:

Get SAM service version of device

Example:

String ver = m\_SM.Get\_SamServiceVer()