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How to save SMS to inbox in android?

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asked **5 years ago**
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▲ I have written the below code for sending SMS messages.

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```
SmsManager smsManager = SmsManager.getDefault();
smsManager.sendTextMessage(destAddr, null, mMessageText, il, null);
```

But this is not updating in my Inbox, I need to save the same message in Inbox, Or is there any way to invoke a native SMS application to send SMS ?

[android](#) [sms](#)

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edited Mar 4 '12 at 1:28



Waynn Lue

5,375 ●5 ●23 ●43

asked Mar 13 '09 at 10:20



Senthil

8 @Lo'oris, @ereOn: Programmatically means that you want to do it "through code". It's a perfectly valid word, found in most dictionaries that have been printed in recent years. There are times it's necessary to distinguish between the occasional question we get from a user who is *not* attempting to do something through code. Those questions, of course, belong on Super User instead of here. The problem is that some tasks are much simpler to do and much more commonly done *without* writing a single line of code. The clarifier keeps people from providing those obvious answers. — [Cody Gray](#) Feb 17 '11 at 12:02

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41



You can use the sms content provider to read and write sms messages:

```
ContentValues values = new ContentValues();
values.put("address", "123456789");
values.put("body", "foo bar");
getContentResolver().insert(Uri.parse("content://sms/sent"), values);
```

I don't know why you would want to write a message you *send* to the *inbox* but if that is what you want just change the above uri to "content://sms/inbox".

Alternatively you can hand over to a messaging application by starting an activity with an intent similar to the following:

```
Intent sendIntent = new Intent(Intent.ACTION_SENDTO, Uri.parse("sms://"));
sendIntent.putExtra("address", "123456789");
sendIntent.putExtra("sms_body", "foo bar");
startActivity(sendIntent);
```

Edit: However, the `sms://` content provider is not part of the SDK so I strongly recommend *not* using code like this in public applications for [several reasons](#).

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edited May 29 '10 at 18:07

answered May 16 '09 at 10:19



Josef Pflieger

36.5k ●10 ●61 ●79

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6 The SMS content provider is not part of the Android SDK. Your code will break on devices that replace the SMS client with their own. Your code may break in future versions of Android. – CommonsWare May 29 '10 at 16:36

@CommonsWare Good point. I added it to my answer. – Josef Pfleger May 29 '10 at 18:09

3 @CommonsWare: Do you know if this particular problem has an "official" solution ? Dealing with undocumented APIs indeed seems risky, but I couldn't find any other solution so far. – ereOn Feb 14 '11 at 14:04

Sorry to post on such an old question, but is there an alternative to using the sms:// cp? I am looking for this, but it seems to be the only way to do it. – Epicblood Dec 20 '13 at 0:24

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If you want to manually put some SMS to your inbox with a sender name then,

```
ContentValues my_values = new ContentValues();
values.put("address", "+923359110795");//sender name
values.put("body", "this is my text");
getContentResolver().insert(Uri.parse("content://sms/inbox"), my_values);
```

also add these in manifest.

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

Now this code will add sms to inbox with a defined sender name, so you can easily handle your problem with this solution,

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[edited Apr 5 at 5:23](#)

[answered Dec 7 '12 at 6:36](#)



[Pir Fahim Shah](#)
1,640 ●13 ●29

Is `READ_SMS` really needed? I would expect only `WRITE_SMS` to be needed. – Flow Sep 9 '13 at 13:57

@Flow Dear, Use both of them, some times it gives problems, so it will be better if you will write both permissions, otherwise i think it can be done without `READ_SMS`. – Pir Fahim Shah Sep 19 '13 at 8:37

Edit please my_values to values or conversely – user1755546 Dec 27 '13 at 14:11

`READ_SMS` is needed as well, I also thought that `WRITE_SMS` would do it but it crashed. – sports Apr 4 at 21:29

@sports yes you are right, without `WRITE_SMS` it might go to create bugs. – Pir Fahim Shah Apr 5 at 5:22

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1

```
public boolean restoreSms(Sms obj) {
    boolean ret = false;
    try {
        ContentValues values = new ContentValues();
        values.put("address", obj.getAddress());
        values.put("body", obj.getMsg());
        values.put("read", obj.getReadState());
        values.put("date", obj.getTime());
        mActivity.getContentResolver().insert(
            Uri.parse("content://sms/sent", values));
        //Uri.parse("content://sms/inbox", values));
        ret = true;
    } catch (Exception ex) {
        ret = false;
    }
    return ret;
}
```

Use this permission in AndroidManifest

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

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[edited Jun 21 at 10:15](#)

[answered Dec 18 '12 at 16:05](#)



[Atif Mahmood](#)
1,008 ●7 ●15

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There was no "more information" at your link. It was a mere regurgitation of this non-explained answer (which itself seems like a copy of other long-since-posted answers). And yet again, you have included a nondisclosed link to your own site. I've removed the link. – [Andrew Barber](#) ♦ Feb 9 '13 at 5:46


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```
Intent sendIntent = new Intent(Intent.ACTION_VIEW);
sendIntent.putExtra("sms_body", "Content of the SMS goes here...");
sendIntent.setType("vnd.android-dir/mms-sms");
startActivity(sendIntent);
```

invoke a native SMS application with content

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answered Jan 28 '10 at 6:22

 [zhou533](#)
1


whats the difference on using content://sms/ ? I'm interested because I noticed that creating an unread SMS doesn't trigger any native notification. Will this way trigger some notification? – [sports](#) Apr 4 at 21:31


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