Simulating SMS on Android Devices when developing

Asked 12 years, 10 months ago   Modified 3 years, 5 months ago   Viewed 23k times

▲

16

▼

Is there a way to send an SMS from te DDMS in Eclipse to my Android phone. The emulator control is disabled when I'm running my physical phone. I can only sent a SMS to the emulator.

android

🔖

🕘

Share Improve this question Follow

asked Aug 21, 2010 at 10:43

Mats Hofman
7,020 🟡 6 ⚪ 33 🟠 48

It appears that it is not possible to simulate receiving an SMS message on a real device through ADB.
– RyPope Jun 16, 2016 at 0:28

Here, [this] (myaccount.google.com/signinoptions/two-step-verification) can send you as much as messages as you want. – Niraj Niroula Jan 24, 2017 at 11:08

7 Answers

Sorted by:

Highest score (default) ⇕

▲

23

▼

🔖

🕘

The following few steps should get you up into simulating an incoming sms in an Android Emulator.

Requirements:

1.Make sure that you have the telnet client in you PC whether it is Windows or Linux.Google around on how to install one if it is not already installed on your PC.

Steps To Emulating an incoming sms

(a) open you CMD prompt and Enter the command:

telnet

For now I am Demonstrating using Windows 7 ,so you will get

Microsoft Telnet>

(b)Assuming that your Emulator is already started.And while still on the CMD,type:

```
o localhost 5554
```

this should open a connection to the emulator.

(c)To Emulate an incoming sms from a number say 0123456 type:

```
sms send 0123456 Your Message
```

You should be able to get the message in your android emulator inbox.Thats all Folks.

Share Improve this answer Follow   edited Nov 23, 2012 at 10:08   answered Nov 23, 2012 at 10:01

Fred Ondieki
2,314 ● 25 ● 23

---

7   If you read question carefully you would notice that he was asking about REAL device.. – Ewoks Apr 24, 2015 at 5:36

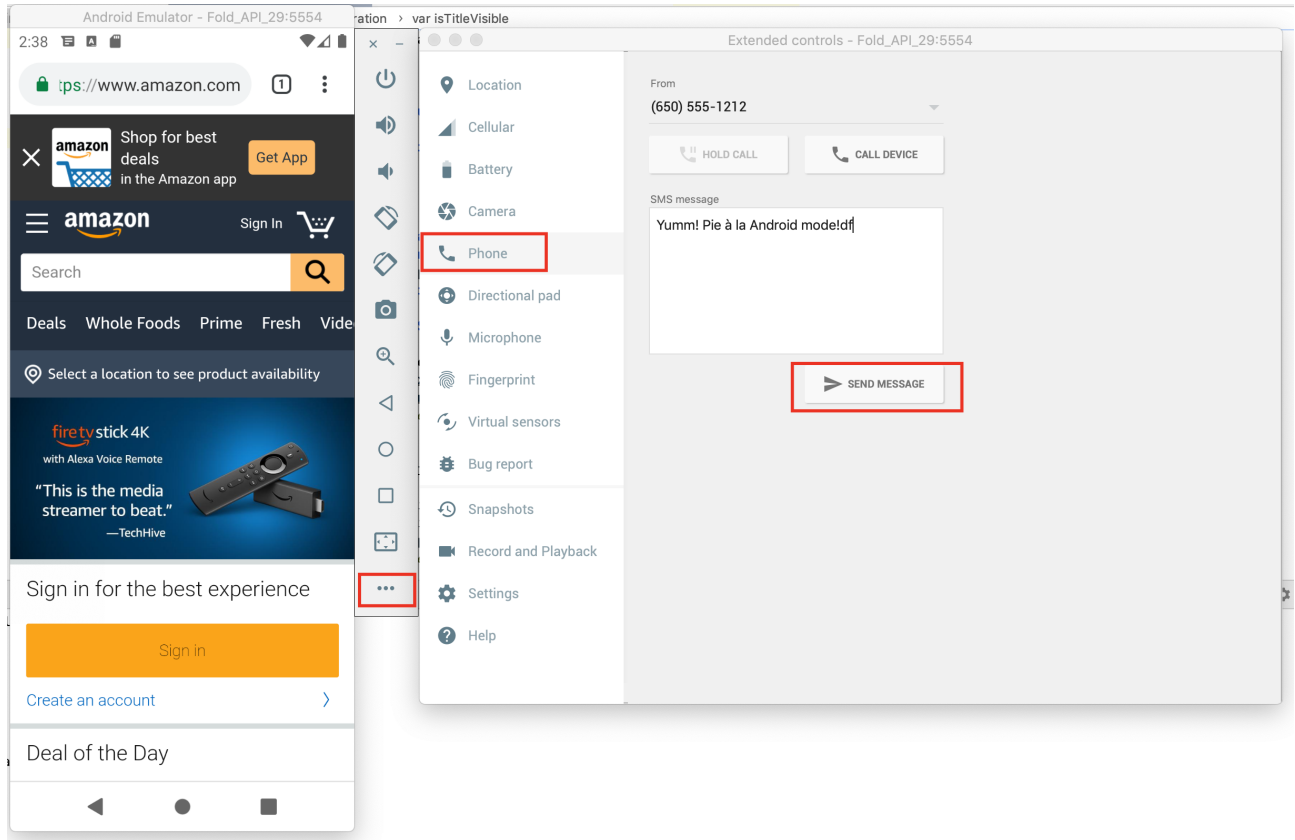using emulator or real device does not matter, when testing SMS – hyena Nov 13, 2016 at 4:40 ✎

▲

18

▼

🔖

🕓

The newest way in 2019:

Join Stack Overflow to find the best answer to your technical question, help others answer theirs.   [Sign up] ✕

I hope in 2020 we'll be able to simulate SMS on real devices (if it's legal)

Share Improve this answer Follow

answered Sep 2, 2019 at 12:47

Andrii Kovalchuk

4,273 ● 2 ● 36 ● 31

---

1   Oh my god. This is what I expected! I confirmed it worked on my AVD. – mazend Sep 10, 2019 at 11:13

Yeah it doesn't seem like it is possible. With the emulator you can do:

3

```
telnet localhost 5554
sms send +12345 A quick brown fox.
```

But if you try it with a real phone (well I tried a Galaxy S2) it just closes the connection. Of course it's always possible Samsung screwed up the code somewhere, but as common as that is, I think in this case the functionality is probably disabled for non-debug ROM builds.

Share Improve this answer Follow

answered Jul 19, 2012 at 21:10

Timmmm
86.9k ● 70 ● 362 ● 498

> to do it with the terminal you can simply use the Emulator Control in the Dalvik Debug Monitor Server (DDMS) – Mats Hofman Jul 23, 2012 at 9:55

I am not sure about what versions of android or adb support this you can try

3

```
adb emu sms send [from] [message]
```

so for example

```
adb emu sms send "+1555....." "Your message goes here....."
```

Hope this helps.

PS: I think this only works with emulators.

Share Improve this answer Follow

answered Jan 7, 2020 at 14:10

davejoem
4,836 ● 4 ● 22 ● 31

Use some free SMS sending website to get the Intent of android.provider.Telephony.SMS_RECEIVED. means send a SMS to your mobile number using free sms service.

0

Share Improve this answer Follow

edited Jun 18, 2015 at 7:58   answered Jun 18, 2015 at 7:26

bummi   Tiger98
27.1k ● 14 ● 63 ● 101   1.270 ● 1 ● 9 ● 13

▲

-1

Indeed, it is quite easy with Android emulator to simulate an incoming sms,there are loads of tutorials for that for example: http://www.anddev.org/video-tut_-_simulating_incoming_phone_calls_-_sms_via_cmd-t135.html

▼

🔖

🕓

But i'm not sure that you can do that with a phone. Using the Command line is only for emulator purposes. Though you could try to find the port on which your phone is connected and use the procedure with telnet to test it.

Share   Improve this answer   Follow

edited Nov 23, 2012 at 9:38

Fred Ondieki
2,314 ● 25 ● 23

answered Aug 21, 2010 at 11:08

Sephy
49.9k ● 30 ● 122 ● 130

▲

-2

telnet localhost 5554

sms send +905xxxxxxxxx "Type your message here, between quotes"

▼

🔖

🕓

Share   Improve this answer   Follow

answered Jul 4, 2014 at 8:19

ozpeke
15 ● 3