

## How to turn off USB mass storage programmatically in Android?

1

[android](#) [usb-mass-storage](#)

I want to turn on/off the USB mass storage in Android.

I tried the below code. It's not working. Can any one please help me in this?

To disable the Mass storage I have used this:

```
Settings.Secure.putInt(getcontentResolver(),Settings.Secure_MASS_STORAGE_ENABLED,0)
```

To enable the Mass storage I have used this:

```
Settings.Secure.putInt(getcontentResolver(),Settings.Secure_MASS_STORAGE_ENABLED,1)
```

The code above is not working though. Am I need to pass any intent for this?

[share](#) [improve this question](#)

edited Sep 14 '11 at 6:28

[Jonathan Leffler](#)

asked Sep 14 '11 at 6:16



[Rams](#)  
6 ● 1 ● 2

check this link [here][1] [1]: [stackoverflow.com/questions/7396757/...](http://stackoverflow.com/questions/7396757/...) – [School Boy](#) Sep 14 '11 at 6:35

[add comment](#)

### 1 Answer

order by [votes](#) ▼

2

First, you can't modify `Settings.Secure.MASS_STORAGE_ENABLED` even you have claimed `WRITE_SETTINGS` and `WRITE_SECURE_SETTINGS` in `AndroidManifest.xml`, because `Settings.Secure.*` only can be modified by apps in `system/app`, of course, read operation has not limits.

Second, I have searched the whole source code(both Gingerbread and ICS) and found that `Settings.Secure.MASS_STORAGE_ENABLED` has not been used currently, I am confused since `Settings.Secure.ADB_ENABLED` is used. please Google tell me why? will be implemented in next release?

Third, You can force to turn off usb mass storage connection by calling:

```
MountService.setUsbMassStorageEnabled(false);
```

or

```
StorageManager.disableUsbMassStorage();
```

but unfortunately, both these API are not public accessible?!

[share](#) [improve this answer](#)

answered Apr 14 '12 at 12:55

## Your Answer

Post Your Answer

log in or

Name:

Email:

Home Page:

By posting your answer, you agree to the [privacy policy](#) and [terms of service](#).

[meta](#) [chat](#) [about](#) [help](#) [blog](#) [privacy policy](#) [legal](#) [contact us](#) [full site](#)

2014 stack exchange, inc