

Enable and disable auto rotate programatically?

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[android](#)

There are a lot of cool widgets out there that will enable and disable auto rotate on your phone. Disabling it turns it off across all apps on the phone.

Any ideas how they are accomplishing it?

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asked Feb 5 '11 at 16:32

[pcm2a](#)

2,106 ●4 ●22 ●34

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23

This should do the trick for you:

```
import android.provider.Settings;
public static void setAutoOrientationEnabled(ContentResolver resolver, boolean enabled)
{
    Settings.System.putInt( context.getContentResolver(),
Settings.System.ACCELEROMETER_ROTATION, enabled ? 1 : 0);
}
```

Add permission to the AndroidManifest.xml

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

You can find the documentation [here](#)

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edited Dec 12 '13 at 12:06

[Sachin Chavan](#)

answered Feb 5 '11 at 19:21

[Lior](#)

3,384 ●12 ●20

- 2 This seems to work, but it locks you it locks the orientation in landscape for me even if I'm in portrait. I am testing on a honeycomb tablet so I'm not sure if there's a difference.... Is this the expected behavior? – [christoff Jun 29 '11 at 20:31](#)

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1

hope this code snippet helps you out :)

```
if(android.provider.Settings.System.getInt(getContentResolver(),Settings.System.ACCELEROMETER_ROTATION, 0) == 1)
{
    android.provider.Settings.System.putInt(getContentResolver(),Settings.System.ACCELEROMETER_ROTATION, 0);
    Toast.makeText(MainActivity.this, "Rotation OFF", Toast.LENGTH_SHORT).show();
}
```

```
}
else{
    android.provider.Settings.System.putInt(getContentResolver(),
    Settings.System.ACCELEROMETER_ROTATION, 1);
    Toast.makeText(MainActivity.this, "Rotation ON", Toast.LENGTH_SHORT).show();
}
```

Add permission to the AndroidManifest.xml

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

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answered Jan 10 at 9:45



[Harshal Benake](#)

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0

Always use user specified screen orientation, this will apply whatever orientation user has choose and will not rotate screen if its disabled.

```
activity.setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_USER);
```

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answered Sep 19 '13 at 10:41



[Pawan M](#)

4,016 ● 1 ● 14 ● 26

-7

They probably modify Settings -> Display -> Auto-rotate screen

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answered Feb 5 '11 at 16:59



[User432209](#)

6,901 ● 5 ● 29 ● 52

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