

Control default auto rotate screen in my application

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[android](#) [device-orientation](#)

I have a toggle button in my application. I want to change or control default setting, Auto rotate screen(Settings>Display>Auto rotate screen) programmatically. Does anybody know how to do this?

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edited Mar 15 '12 at 11:00

[SERPRO](#)

asked Mar 15 '12 at 10:58

[Santhosh_pulliman](#)

671 ● 2 ● 15 ● 34

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Have you tried this in your Activity?

```
setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_LANDSCAPE);

setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_PORTRAIT);

//This is the default value
setRequestedOrientation(ActivityInfo.SCREEN_ORIENTATION_UNSPECIFIED);
```

After that you can use this to disable the auto orientation:

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

Documentation

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edited Mar 15 '12 at 13:03

answered Mar 15 '12 at 11:59

[SERPRO](#)

5,580 ● 3 ● 19 ● 42

I don't want to change the orientation of a activity alone, but want to change the Settings. I want to enable and disable Auto rotation screen of Android settings. – [Santhosh_pulliman Mar 15 '12 at 12:05](#)

After exiting from my application, the device should not be able to auto rotate the screen. – [Santhosh_pulliman Mar 15 '12 at 12:13](#)

See my edited answer if it works – [SERPRO Mar 15 '12 at 13:03](#)

Thank you very much :) This is what i am looking for. – [Santhosh_pulliman Mar 15 '12 at 13:12](#)

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you can use this:

```
android.provider.Settings.System.putInt(getContentResolver(),
android.provider.Settings.System.USER_ROTATION,user_rotation);
```

for rotation policy

```
user_rotation 0 -> ROTATION_0
user_rotation 1 -> ROTATION_90
user_rotation 2 -> ROTATION_180
user_rotation 3 -> ROTATION_270
```

see

http://developer.android.com/reference/android/provider/Settings.System.html#USER_ROTATION for more.

Also manifest.xml setting

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

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edited Mar 11 '13 at 0:37

Alex

answered Mar 15 '12 at 12:47



Riddish.Chaudhari
582 ● 2 ● 11

@Riddish.Chaudhari Thank you very much :) – Santhosh_pulliman Mar 15 '12 at 13:20

Thanks Riddish.Chaudhari, it works :) – VKJ Jan 14 '13 at 7:20

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You set default rotation settings in your manifest file e.g:

```
<activity android:name=".MainTabActivity" android:screenOrientation="portrait">
</activity>
```

To change orientation programatically you have to call **Activity.setRequestedOrientation()**

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answered Mar 15 '12 at 12:31



vladexologija
1,462 ● 9 ● 19

After exit of my application, I want to set device's Auto rotation setting(Settings>Display>Auto rotation screen) false through my code. How can I achieve this? – Santhosh_pulliman Mar 15 '12 at 12:51

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0

```
a1.setOnClickListener(new OnClickListener() {
    @Override
    public void onClick(View v) {
        startActivity(new Intent(getApplicationContext(), MainActivity.class));
        android.provider.Settings.System.putInt(getContentResolver(),
            android.provider.Settings.System.USER_ROTATION,0);
    }
});
a2.setOnClickListener(new OnClickListener() {
```

```
@Override
public void onClick(View v) {
    startActivity(new Intent(getApplicationContext(), MainActivity.class));
    android.provider.Settings.System.putInt(getContentResolver(),
        android.provider.Settings.System.USER_ROTATION,90);
}
});
```

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edited Feb 17 at 14:04
[neubert](#)

answered Feb 17 at 13:44



[user3319359](#)
1

More detail please – [Hüseyin BABAL](#) Feb 17 at 14:11

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