



Toggle Buttons

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A toggle button allows the user to change a setting between two states.

You can add a basic toggle button to your layout with the [ToggleButton](#) object. Android 4.0 (API level 14) introduces another kind of toggle button called a switch that provides a slider control, which you can add with a [Switch](#) object. [SwitchCompat](#) is a version of the Switch widget which runs on devices back to API 7.

If you need to change a button's state yourself, you can use the [CompoundButton.setChecked\(\)](#) or [CompoundButton.toggle\(\)](#) methods.



Toggle buttons



Switches (in Android 4.0+)

Responding to Button Presses

To detect when the user activates the button or switch, create an [CompoundButton.OnCheckedChangeListener](#) object and assign it to the button by calling [setOnCheckedChangeListener\(\)](#). For example:

```
ToggleButton toggle = (ToggleButton) findViewById(R.id.togglebutton);
toggle.setOnCheckedChangeListener(new CompoundButton.OnCheckedChangeListener() {
    public void onCheckedChanged(CompoundButton buttonView, boolean isChecked) {
        if (isChecked) {
            // The toggle is enabled
        } else {
            // The toggle is disabled
        }
    }
});
```