

public abstract class Summary: [Ctors](#) | [Methods](#) | [Inherited Methods](#) | [\[Expand All\]](#)
Added in [API level 1](#)

CountDownTimer

extends [Object](#)

[java.lang.Object](#)
↳ [android.os.CountDownTimer](#)

Class Overview

Schedule a countdown until a time in the future, with regular notifications on intervals along the way. Example of showing a 30 second countdown in a text field:

```
new CountDownTimer(30000, 1000) {  
  
    public void onTick(long millisUntilFinished) {  
        mTextField.setText("seconds remaining: " + mi  
    }  
  
    public void onFinish() {  
        mTextField.setText("done!");  
    }  
}.start();
```

The calls to [onTick\(long\)](#) are synchronized to this object so that one call to [onTick\(long\)](#) won't ever occur before the previous callback is complete. This is only relevant when the implementation of [onTick\(long\)](#) takes an amount of time to execute that is significant compared to the countdown interval.

Summary

Public Constructors

[CountDownTimer](#) (long millisInFuture, long countDownInterval)

Public Methods

final void	cancel() Cancel the countdown.
	onFinish()
abstract void	Callback fired when the time is up.
	onTick (long millisUntilFinished)

abstract void Callback fired on regular interval.
start()
synchronized final CountdownTimer Start the countdown.

Inherited Methods [\[Expand\]](#)

► From class java.lang.Object

Public Constructors

public **CountdownTimer** (long millisInFuture, long
countDownInterval) Added in [API level 1](#)

Parameters

<i>millisInFuture</i>	The number of millis in the future from the call to <u>start()</u> until the countdown is done and <u>onFinish()</u> is called.
<i>countDownInterval</i>	The interval along the way to receive <u>onTick(long)</u> callbacks.

Public Methods

public final void **cancel** () Added in [API level 1](#)
Cancel the countdown.

public abstract void **onFinish** () Added in [API level 1](#)
Callback fired when the time is up.

public abstract void **onTick** (long
millisUntilFinished) Added in [API level 1](#)
Callback fired on regular interval.

Parameters

<i>millisUntilFinished</i>	The amount of time until finished.
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public final synchronized CountdownTimer **start** () Added in [API level 1](#)
Start the countdown.