public interface   Summary: [Methods](#) | [[Expand All]](#)
TextWatcher
implements [NoCopySpan](#)   **Added in [API level 1](#)**

android.text.TextWatcher

▶ Known Indirect Subclasses
AbsListView, ExpandableListView, GridView, ListView,
PasswordTransformationMethod, PhoneNumberFormattingTextWatcher

Class Overview

When an object of a type is attached to an Editable, its methods will be
called when the text is changed.

Summary

Public Methods

abstract void	afterTextChanged (Editable s) This method is called to notify you that, somewhere within s, the text has been changed.
abstract void	beforeTextChanged (CharSequence s, int start, int count, int after) This method is called to notify you that, within s, the `count` characters beginning at `start` are about to be replaced by new text with length `after`.
abstract void	onTextChanged (CharSequence s, int start, int before, int count) This method is called to notify you that, within s, the `count` characters beginning at `start` have just replaced old text that had length `before`.

Public Methods

public abstract void **afterTextChanged** ([Editable](#) s) Added in [API level 1](#)

This method is called to notify you that, somewhere within s, the
text has been changed. It is legitimate to make further changes to s
from this callback, but be careful not to get yourself into an infinite
loop, because any changes you make will cause this method to be
called again recursively. (You are not told where the change took
place because other afterTextChanged() methods may already have
made other changes and invalidated the offsets. But if you need to

know here, you can use <u>setSpan(Object, int, int, int)</u>
<u>(/reference/android/text/Spannable.html#setSpan(java.lang.Object, int,</u>
<u>int, int))</u> in <u>onTextChanged(CharSequence, int, int,</u>
<u>int) (/reference/android</u>
<u>/text/TextWatcher.html#onTextChanged(java.lang.CharSequence, int, int,</u>
<u>int))</u> to mark your place and then look up from here where the span
ended up.

public abstract void **beforeTextChanged**
(<u>CharSequence</u> s, int start, int count, int after)   Added in <u>API level 1</u>

This method is called to notify you that, within s, the count
characters beginning at start are about to be replaced by new text
with length after. It is an error to attempt to make changes to s
from this callback.

public abstract void **onTextChanged**
(<u>CharSequence</u> s, int start, int before, int count)   Added in <u>API level 1</u>

This method is called to notify you that, within s, the count
characters beginning at start have just replaced old text that had
length before. It is an error to attempt to make changes to s from
this callback.