

public class

Summary: [Nested Classes](#) | [Inherited Constants](#) | [Fields](#) | [Ctors](#) | [Methods](#) | [Inherited Methods](#) | [\[Expand All\]](#)

Added in [API level 1](#)

RemoteViews

extends [Object](#)

implements [Parcelable](#) [LayoutInflater.Filter](#)

[java.lang.Object](#)

↳ [android.widget.RemoteViews](#)

Class Overview

A class that describes a view hierarchy that can be displayed in another process. The hierarchy is inflated from a layout resource file, and this class provides some basic operations for modifying the content of the inflated hierarchy.

Summary

Nested Classes

class RemoteViews.ActionException Exception to send when something goes wrong executing an action

@interface RemoteViews.RemoteView This annotation indicates that a subclass of View is allowed to be used with the RemoteViews mechanism.

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

► From interface [android.os.Parcelable](#)

Fields

public static final Creator<RemoteViews> CREATOR Parcelable.Creator that instantiates RemoteViews objects

Public Constructors

RemoteViews (String packageName, int layoutId)
Create a new RemoteViews object that will display the views contained in the specified layout file.

RemoteViews (RemoteViews landscape, RemoteViews portrait)
Create a new RemoteViews object that will inflate as the specified landscape or portrait RemoteViews, depending on the current configuration.

RemoteViews (Parcel parcel)
Reads a RemoteViews object from a parcel.

Public Methods

void addView (int viewId, RemoteViews nestedView)
Equivalent to calling addView(View) after inflating the given RemoteViews.

View apply (Context context, ViewGroup parent)
Inflates the view hierarchy represented by this object and applies all of the actions.

RemoteViews clone ()
Creates and returns a copy of this Object.

```

describeContents()
int    Describe the kinds of special objects contained in this Parcelable's marshalled
       representation.
int    getLayoutId()
       Reutrns the layout id of the root layout associated with this RemoteViews.
String getPackage()
       onLoadClass(Class clazz)
boolean Hook to allow clients of the LayoutInflater to restrict the set of Views that are
       allowed to be inflated.
void    reapply(Context context, View v)
       Applies all of the actions to the provided view.
void    removeAllViews(int viewId)
       Equivalent to calling removeAllViews().
void    setBitmap(int viewId, String methodName, Bitmap value)
       Call a method taking one Bitmap on a view in the layout for this RemoteViews.
void    setBoolean(int viewId, String methodName, boolean value)
       Call a method taking one boolean on a view in the layout for this RemoteViews.
void    setBundle(int viewId, String methodName, Bundle value)
       Call a method taking one Bundle on a view in the layout for this RemoteViews.
void    setByte(int viewId, String methodName, byte value)
       Call a method taking one byte on a view in the layout for this RemoteViews.
void    setChar(int viewId, String methodName, char value)
       Call a method taking one char on a view in the layout for this RemoteViews.
       setCharSequence(int viewId, String methodName, CharSequence value)
void    Call a method taking one CharSequence on a view in the layout for this
       RemoteViews.
       setChronometer(int viewId, long base, String format, boolean started)
void    Equivalent to calling Chronometer . setBase, Chronometer . setFormat, and
       Chronometer . start() or Chronometer . stop().
       setContentDescription(int viewId, CharSequence contentDescription)
void    Equivalent to calling View.setContentDescription(CharSequence).

void    setDisplayedChild(int viewId, int childIndex)
       Equivalent to calling setDisplayedChild(int)
void    setDouble(int viewId, String methodName, double value)
       Call a method taking one double on a view in the layout for this RemoteViews.
void    setEmptyView(int viewId, int emptyViewId)
       Equivalent to calling AdapterView.setEmptyView
void    setFloat(int viewId, String methodName, float value)
       Call a method taking one float on a view in the layout for this RemoteViews.
void    setImageViewBitmap(int viewId, Bitmap bitmap)
       Equivalent to calling ImageView.setImageBitmap
void    setImageViewResource(int viewId, int srcId)
       Equivalent to calling ImageView.setImageResource
void    setImageViewUri(int viewId, Uri uri)
       Equivalent to calling ImageView.setImageURI
void    setInt(int viewId, String methodName, int value)
       Call a method taking one int on a view in the layout for this RemoteViews.
void    setIntent(int viewId, String methodName, Intent value)
       Call a method taking one Intent on a view in the layout for this RemoteViews.

```

void `setLabelFor (int viewId, int labeledId)`
Equivalent to calling `View.setLabelFor(int)`.

void `setLong (int viewId, String methodName, long value)`
Call a method taking one long on a view in the layout for this RemoteViews.

void `setOnClickFillInIntent (int viewId, Intent fillInIntent)`
When using collections (eg.
`setOnClickPendingIntent (int viewId, PendingIntent pendingIntent)`
Equivalent to calling
`setOnClickListener(android.view.View.OnClickListener)` to launch
the provided `PendingIntent`.

void `setPendingIntentTemplate (int viewId, PendingIntent pendingIntentTemplate)`
When using collections (eg.
`setProgressBar (int viewId, int max, int progress, boolean indeterminate)`
Equivalent to calling `ProgressBar.setMax`, `ProgressBar.setProgress`, and
`ProgressBar.setIndeterminate` If `indeterminate` is true, then the values for
`max` and `progress` are ignored.

void `setRelativeScrollPosition (int viewId, int offset)`
Equivalent to calling `smoothScrollToPosition(int, int)`.

void `setRemoteAdapter (int viewId, Intent intent)`
Equivalent to calling `setRemoteViewsAdapter(Intent)`.
`setRemoteAdapter (int appWidgetId, int viewId, Intent intent)`
*This method was deprecated in API level 14. This method has been deprecated. See
`setRemoteAdapter(int, Intent)`*

void `setScrollPosition (int viewId, int position)`
Equivalent to calling `smoothScrollToPosition(int, int)`.

void `setShort (int viewId, String methodName, short value)`
Call a method taking one short on a view in the layout for this RemoteViews.

void `setString (int viewId, String methodName, String value)`
Call a method taking one String on a view in the layout for this RemoteViews.

void `setTextColor (int viewId, int color)`
Equivalent to calling `setTextColor(int)`.
`setTextViewCompoundDrawables (int viewId, int left, int top, int right, int bottom)`
Equivalent to calling `setCompoundDrawablesWithIntrinsicBounds(int,
int, int, int)`.
`setTextViewCompoundDrawablesRelative (int viewId, int start, int top, int end, int bottom)`
Equivalent to calling
`setCompoundDrawablesRelativeWithIntrinsicBounds(int, int, int,
int)`.

void `setTextViewText (int viewId, CharSequence text)`
Equivalent to calling `TextView.setText`

void `setTextViewTextSize (int viewId, int units, float size)`
Equivalent to calling `setTextSize(int, float)`

void `setUri (int viewId, String methodName, Uri value)`
Call a method taking one Uri on a view in the layout for this RemoteViews.

void `setViewPadding (int viewId, int left, int top, int right, int bottom)`
Equivalent to calling `setPadding(int, int, int, int)`.

void `setVisibility (int viewId, int visibility)`
Equivalent to calling `View.setVisibility`

```
void showNext(int viewId)
    Equivalent to calling showNext()

void showPrevious(int viewId)
    Equivalent to calling showPrevious()

void writeToParcel(Parcel dest, int flags)
    Flatten this object in to a Parcel.
```

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

- ▶ From class `java.lang.Object`
- ▶ From interface `android.os.Parcelable`
- ▶ From interface `android.view.LayoutInflater.Filter`

Fields

public static final [Creator<RemoteViews>](#) **CREATOR** Added in [API level 1](#)

`Parcelable.Creator` that instantiates `RemoteViews` objects

Public Constructors

public **RemoteViews** ([String](#) packageName, int layoutId) Added in [API level 1](#)

Create a new `RemoteViews` object that will display the views contained in the specified layout file.

Parameters

<i>packageName</i>	Name of the package that contains the layout resource
<i>layoutId</i>	The id of the layout resource

public **RemoteViews** ([RemoteViews](#) landscape, [RemoteViews](#) portrait) Added in [API level 16](#)

Create a new `RemoteViews` object that will inflate as the specified landscape or portrait `RemoteViews`, depending on the current configuration.

Parameters

<i>landscape</i>	The <code>RemoteViews</code> to inflate in landscape configuration
<i>portrait</i>	The <code>RemoteViews</code> to inflate in portrait configuration

public **RemoteViews** ([Parcel](#) parcel) Added in [API level 1](#)

Reads a `RemoteViews` object from a parcel.

Public Methods

public void **addView** (int viewId, [RemoteViews](#) nestedView) Added in [API level 7](#)

Equivalent to calling `addView(View)`
[\(/reference/android/view/ViewGroup.html#addView\(android.view.View\)\)](/reference/android/view/ViewGroup.html#addView(android.view.View))) after

inflating the given [RemoteViews](#) (</reference/android/widget/RemoteViews.html>). This allows users to build "nested" [RemoteViews](#) (</reference/android/widget/RemoteViews.html>). In cases where consumers of [RemoteViews](#) (</reference/android/widget/RemoteViews.html>) may recycle layouts, use [removeAllViews\(int\)](#) ([`removeAllViews\(int\)`](/reference/android/widget/RemoteViews.html#removeAllViews(int))) to clear any existing children.

Parameters

viewId The id of the parent [ViewGroup](#) to add child into.
nestedView [RemoteViews](#) that describes the child.

public [View](#) [apply](#) ([Context](#) context, [ViewGroup](#) parent) Added in [API level 1](#)

Inflates the view hierarchy represented by this object and applies all of the actions.

Caller beware: this may throw

Parameters

context Default context to use
parent Parent that the resulting view hierarchy will be attached to. This method does **not** attach the hierarchy. The caller should do so when appropriate.

Returns

The inflated view hierarchy

public [RemoteViews](#) [clone](#) () Added in [API level 1](#)

Creates and returns a copy of this Object. The default implementation returns a so-called "shallow" copy: It creates a new instance of the same class and then copies the field values (including object references) from this instance to the new instance. A "deep" copy, in contrast, would also recursively clone nested objects. A subclass that needs to implement this kind of cloning should call `super.clone()` to create the new instance and then create deep copies of the nested, mutable objects.

Returns

a copy of this object.

public int [describeContents](#) () Added in [API level 1](#)

Describe the kinds of special objects contained in this Parcelable's marshalled representation.

Returns

a bitmask indicating the set of special object types marshalled by the Parcelable.

public int [getLayoutId](#) () Added in [API level 1](#)

Returns the layout id of the root layout associated with this RemoteViews. In the case that the RemoteViews has both a landscape and portrait root, this will return the layout id associated with the portrait layout.

Returns

the layout id.

public String **getPackage** ()

Added in [API level 1](#)

public boolean **onLoadClass** (Class clazz)

Added in [API level 1](#)

Hook to allow clients of the LayoutInflater to restrict the set of Views that are allowed to be inflated.

Parameters

clazz The class object for the View that is about to be inflated

Returns

True if this class is allowed to be inflated, or false otherwise

public void **reapply** (Context context, View v)

Added in [API level 1](#)

Applies all of the actions to the provided view.

Caller beware: this may throw

Parameters

v The view to apply the actions to. This should be the result of the [apply\(Context, ViewGroup\)](#) call.

public void **removeAllViews** (int viewId)

Added in [API level 7](#)

Equivalent to calling [removeAllViews\(\)](#)
([/reference/android/view/ViewGroup.html#removeAllViews\(\)](#)).

Parameters

viewId The id of the parent [ViewGroup](#) to remove all children from.

public void **setBitmap** (int viewId, String methodName, Bitmap value)

Added in [API level 3](#)

Call a method taking one Bitmap on a view in the layout for this RemoteViews.

Parameters

viewId The id of the view on which to call the method.
methodName The name of the method to call.
value The value to pass to the method.

public void **setBoolean** (int viewId, String methodName, boolean value)

Added in [API level 3](#)

Call a method taking one boolean on a view in the layout for this RemoteViews.

Parameters

viewId The id of the view on which to call the method.
methodName The name of the method to call.
value The value to pass to the method.

public void **setBundle** (int viewId, String methodName, Bundle value)

Added in API level 8

Call a method taking one Bundle on a view in the layout for this RemoteViews.

Parameters

<i>viewId</i>	The id of the view on which to call the method.
<i>methodName</i>	The name of the method to call.
<i>value</i>	The value to pass to the method.

public void **setByte** (int viewId, String methodName, byte value)

Added in API level 3

Call a method taking one byte on a view in the layout for this RemoteViews.

Parameters

<i>viewId</i>	The id of the view on which to call the method.
<i>methodName</i>	The name of the method to call.
<i>value</i>	The value to pass to the method.

public void **setChar** (int viewId, String methodName, char value)

Added in API level 3

Call a method taking one char on a view in the layout for this RemoteViews.

Parameters

<i>viewId</i>	The id of the view on which to call the method.
<i>methodName</i>	The name of the method to call.
<i>value</i>	The value to pass to the method.

public void **setCharSequence** (int viewId, String methodName, CharSequence value)

Added in API level 3

Call a method taking one CharSequence on a view in the layout for this RemoteViews.

Parameters

<i>viewId</i>	The id of the view on which to call the method.
<i>methodName</i>	The name of the method to call.
<i>value</i>	The value to pass to the method.

public void **setChronometer** (int viewId, long base, String format, boolean started)

Added in API level 1

Equivalent to calling Chronometer.setBase

(/reference/android/widget/Chronometer.html#setBase(long)),

Chronometer.setFormat

(/reference/android/widget/Chronometer.html#setFormat(java.lang.String)),

and Chronometer.start()

(/reference/android/widget/Chronometer.html#start()) or

Chronometer.stop()

(/reference/android/widget/Chronometer.html#stop()).

Parameters

<i>viewId</i>	The id of the Chronometer to change
<i>base</i>	The time at which the timer would have read 0:00. This time should be based off of SystemClock.elapsedRealtime() .
<i>format</i>	The Chronometer format string, or null to simply display the timer value.
<i>started</i>	True if you want the clock to be started, false if not.

public void **setContentDescription** (int viewId, [CharSequence](#) contentDescription) Added in [API level 15](#)

Equivalent to calling `View.setContentDescription(CharSequence)`.

Parameters

<i>viewId</i>	The id of the view whose content description should change.
<i>contentDescription</i>	The new content description for the view.

public void **setDisplayChild** (int viewId, int childIndex) Added in [API level 12](#)

Equivalent to calling [setDisplayChild\(int\)](#)
([/reference/android/widget/AdapterViewAnimator.html#setDisplayChild\(int\)](#))

Parameters

<i>viewId</i>	The id of the view on which to call setDisplayChild(int)
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public void **setDouble** (int viewId, [String](#) methodName, double value) Added in [API level 3](#)

Call a method taking one double on a view in the layout for this RemoteViews.

Parameters

<i>viewId</i>	The id of the view on which to call the method.
<i>methodName</i>	The name of the method to call.
<i>value</i>	The value to pass to the method.

public void **setEmptyView** (int viewId, int emptyViewId) Added in [API level 11](#)

Equivalent to calling `AdapterView.setEmptyView`

Parameters

<i>viewId</i>	The id of the view on which to set the empty view
<i>emptyViewId</i>	The view id of the empty view

public void **setFloat** (int viewId, [String](#) methodName, float value) Added in [API level 3](#)

Call a method taking one float on a view in the layout for this RemoteViews.

Parameters

<i>viewId</i>	The id of the view on which to call the method.
---------------	-------------------------------------------------

methodName The name of the method to call.
value The value to pass to the method.

public void **setImageViewBitmap** (int viewId, Bitmap bitmap)

Added in [API level 3](#)

Equivalent to calling `ImageView.setImageBitmap`

Parameters

viewId The id of the view whose bitmap should change
bitmap The new Bitmap for the drawable

public void **setImageViewResource** (int viewId, int srcId) Added in [API level 1](#)

Equivalent to calling `ImageView.setImageResource`

Parameters

viewId The id of the view whose drawable should change
srcId The new resource id for the drawable

public void **setImageViewUri** (int viewId, Uri uri) Added in [API level 1](#)

Equivalent to calling `ImageView.setImageURI`

Parameters

viewId The id of the view whose drawable should change
uri The Uri for the image

public void **setInt** (int viewId, String methodName, int value) Added in [API level 3](#)

Call a method taking one int on a view in the layout for this RemoteViews.

Parameters

viewId The id of the view on which to call the method.
methodName The name of the method to call.
value The value to pass to the method.

public void **setIntent** (int viewId, String methodName, Intent value) Added in [API level 11](#)

Call a method taking one Intent on a view in the layout for this RemoteViews.

Parameters

viewId The id of the view on which to call the method.
methodName The name of the method to call.
value The Intent to pass the method.

public void **setLabelFor** (int viewId, int labeledId) Added in [API level 17](#)

Equivalent to calling `View.setLabelFor(int)`.

Parameters

- viewId* The id of the view whose property to set.
- labeledId* The id of a view for which this view serves as a label.

public void **setLong** (int viewId, String methodName, long value) Added in API level 3

Call a method taking one long on a view in the layout for this RemoteViews.

Parameters

- viewId* The id of the view on which to call the method.
- methodName* The name of the method to call.
- value* The value to pass to the method.

public void **setOnClickFillInIntent** (int viewId, Intent fillInIntent) Added in API level 11

When using collections (eg. [ListView](#) ([/reference/android/widget/ListView.html](#)), [StackView](#) ([/reference/android/widget/StackView.html](#)) etc.) in widgets, it is very costly to set PendingIntents on the individual items, and is hence not permitted. Instead a single PendingIntent template can be set on the collection, see [setPendingIntentTemplate\(int, PendingIntent\)](#) ([/reference/android/widget/RemoteViews.html#setPendingIntentTemplate\(int, android.app.PendingIntent\)](#)), and the individual on-click action of a given item can be distinguished by setting a fillInIntent on that item. The fillInIntent is then combined with the PendingIntent template in order to determine the final intent which will be executed when the item is clicked. This works as follows: any fields which are left blank in the PendingIntent template, but are provided by the fillInIntent will be overwritten, and the resulting PendingIntent will be used. of the PendingIntent template will then be filled in with the associated fields that are set in fillInIntent. See [fillIn\(Intent, int\)](#) ([/reference/android/content/Intent.html#fillIn\(android.content.Intent, int\)](#)) for more details.

Parameters

- viewId* The id of the view on which to set the fillInIntent
- fillInIntent* The intent which will be combined with the parent's PendingIntent in order to determine the on-click behavior of the view specified by viewId

public void **setOnClickPendingIntent** (int viewId, PendingIntent pendingIntent) Added in API level 3

Equivalent to calling [setOnClickListener\(android.view.View.OnClickListener\)](#) ([/reference/android/view/View.html#setOnClickListener\(android.view.View.OnClickListener\)](#)) to launch the provided [PendingIntent](#) ([/reference/android/app/PendingIntent.html](#)). When setting the on-click action of items within collections (eg. [ListView](#) ([/reference/android/widget/ListView.html](#)), [StackView](#) ([/reference/android/widget/StackView.html](#)) etc.), this method will not work. Instead, use {@link RemoteViews#setPendingIntentTemplate(int, PendingIntent) in conjunction with RemoteViews#setOnClickFillInIntent(int, Intent).

Parameters

<i>viewId</i>	The id of the view that will trigger the <u>PendingIntent</u> when clicked
<i>pendingIntent</i>	The <u>PendingIntent</u> to send when user clicks

public void **setPendingIntentTemplate** (int viewId, PendingIntent pendingIntentTemplate)

Added in API level 11

When using collections (eg. ListView (</reference/android/widget/ListView.html>), StackView (</reference/android/widget/StackView.html>) etc.) in widgets, it is very costly to set PendingIntents on the individual items, and is hence not permitted. Instead this method should be used to set a single PendingIntent template on the collection, and individual items can differentiate their on-click behavior using setOnClickListener(int, Intent) ([/reference/android/widget/RemoteViews.html#setOnClickListener\(int, android.content.Intent\)](/reference/android/widget/RemoteViews.html#setOnClickListener(int, android.content.Intent))).

Parameters

<i>viewId</i>	The id of the collection who's children will use this PendingIntent template when clicked
<i>pendingIntentTemplate</i>	The <u>PendingIntent</u> to be combined with extras specified by a child of viewId and executed when that child is clicked

public void **setProgressBar** (int viewId, int max, int progress, boolean indeterminate)

Added in API level 1

Equivalent to calling ProgressBar.setMax ([/reference/android/widget/ProgressBar.html#setMax\(int\)](/reference/android/widget/ProgressBar.html#setMax(int))), ProgressBar.setProgress ([/reference/android/widget/ProgressBar.html#setProgress\(int\)](/reference/android/widget/ProgressBar.html#setProgress(int))), and ProgressBar.setIndeterminate ([/reference/android/widget/ProgressBar.html#setIndeterminate\(boolean\)](/reference/android/widget/ProgressBar.html#setIndeterminate(boolean))). If indeterminate is true, then the values for max and progress are ignored.

Parameters

<i>viewId</i>	The id of the <u>ProgressBar</u> to change
<i>max</i>	The 100% value for the progress bar
<i>progress</i>	The current value of the progress bar.
<i>indeterminate</i>	True if the progress bar is indeterminate, false if not.

public void **setRelativeScrollPosition** (int viewId, int offset)

Added in API level 11

Equivalent to calling smoothScrollToPosition(int, int) ([/reference/android/widget/AbsListView.html#smoothScrollToPosition\(int, int\)](/reference/android/widget/AbsListView.html#smoothScrollToPosition(int, int))).

Parameters

<i>viewId</i>	The id of the view to change
<i>offset</i>	Scroll by this adapter position offset

public void **setRemoteAdapter** (int viewId, Intent intent) Added in API level 14

Equivalent to calling setRemoteViewsAdapter(Intent)
(/reference/android/widget/AbsListView.html#setRemoteViewsAdapter(android.content.Intent)). Can only be used for App Widgets.

Parameters

- viewId* The id of the AdapterView
- intent* The intent of the service which will be providing data to the RemoteViewsAdapter

public void **setRemoteAdapter** (int appWidgetId, int viewId, Intent intent) Added in API level 11

This method was deprecated in API level 14.

This method has been deprecated. See setRemoteAdapter(int, Intent)
(/reference/android/widget/RemoteViews.html#setRemoteAdapter(int, android.content.Intent))

Equivalent to calling setRemoteViewsAdapter(Intent)
(/reference/android/widget/AbsListView.html#setRemoteViewsAdapter(android.content.Intent)).

Parameters

- appWidgetId* The id of the app widget which contains the specified view. (This parameter is ignored in this deprecated method)
- viewId* The id of the AdapterView
- intent* The intent of the service which will be providing data to the RemoteViewsAdapter

public void **setScrollPosition** (int viewId, int position) Added in API level 11

Equivalent to calling smoothScrollToPosition(int, int)
(/reference/android/widget/AbsListView.html#smoothScrollToPosition(int, int)).

Parameters

- viewId* The id of the view to change
- position* Scroll to this adapter position

public void **setShort** (int viewId, String methodName, short value) Added in API level 3

Call a method taking one short on a view in the layout for this RemoteViews.

Parameters

- viewId* The id of the view on which to call the method.
- methodName* The name of the method to call.
- value* The value to pass to the method.

public void **setString** (int viewId, String methodName, String value) Added in API level 3

Call a method taking one String on a view in the layout for this RemoteViews.

Parameters

<i>viewId</i>	The id of the view on which to call the method.
<i>methodName</i>	The name of the method to call.
<i>value</i>	The value to pass to the method.

public void **setTextColor** (int viewId, int color) Added in [API level 3](#)

Equivalent to calling [setTextColor\(int\)](#)
([/reference/android/widget/TextView.html#setTextColor\(int\)](#)).

Parameters

<i>viewId</i>	The id of the view whose text color should change
<i>color</i>	Sets the text color for all the states (normal, selected, focused) to be this color.

public void **setTextViewCompoundDrawables** (int viewId, int left, int top, int right, int bottom) Added in [API level 16](#)

Equivalent to calling [setCompoundDrawablesWithIntrinsicBounds\(int, int, int, int\)](#)
([/reference/android/widget/TextView.html#setCompoundDrawablesWithIntrinsicBounds\(int, int, int, int\)](#)).

Parameters

<i>viewId</i>	The id of the view whose text should change
<i>left</i>	The id of a drawable to place to the left of the text, or 0
<i>top</i>	The id of a drawable to place above the text, or 0
<i>right</i>	The id of a drawable to place to the right of the text, or 0
<i>bottom</i>	The id of a drawable to place below the text, or 0

public void **setTextViewCompoundDrawablesRelative** (int viewId, int start, int top, int end, int bottom) Added in [API level 16](#)

Equivalent to calling [setCompoundDrawablesRelativeWithIntrinsicBounds\(int, int, int, int\)](#)
([/reference/android/widget/TextView.html#setCompoundDrawablesRelativeWithIntrinsicBounds\(int, int, int, int\)](#)).

Parameters

<i>viewId</i>	The id of the view whose text should change
<i>start</i>	The id of a drawable to place before the text (relative to the

[Develop](#) > [Reference](#) > **RemoteViews**

[and](#) The id of a drawable to place after the text, or 0
[API level 16](#) The id of a drawable to place below the text, or 0

[MultiAutoComplete](#)

[NumberPicker](#)

[OverScroller](#) public void **setTextViewText** (int viewId, [CharSequence](#)
[text](#)) Added in [API level 1](#)

[PopupMenu](#)

~~Equivalent to calling `TextView.setText`~~

~~ProgressBar~~

~~Parameters~~

~~QuickContactB~~

~~RadioButton~~

~~viewId~~ The id of the view whose text should change

~~text~~ The new text for the view

public void **setTextViewTextSize** (int viewId, int units, float size)

Added in [API level 16](#)

Equivalent to calling `setTextSize(int, float)`

[\(reference/android/widget/TextView.html#setTextSize\(int, float\)\)](/reference/android/widget/TextView.html#setTextSize(int, float))

Parameters

viewId The id of the view whose text size should change

units The units of size (e.g. `COMPLEX_UNIT_SP`)

size The size of the text

public void **setUri** (int viewId, [String](#) methodName, [Uri](#) value)

Added in [API level 3](#)

Call a method taking one Uri on a view in the layout for this RemoteViews.

Parameters

viewId The id of the view on which to call the method.

methodName The name of the method to call.

value The value to pass to the method.

public void **setViewPadding** (int viewId, int left, int top, int right, int bottom)

Added in [API level 16](#)

Equivalent to calling `setPadding(int, int, int, int)`

[\(/reference/android/view/View.html#setPadding\(int, int, int, int\)\)](/reference/android/view/View.html#setPadding(int, int, int, int)).

Parameters

viewId The id of the view to change

left the left padding in pixels

top the top padding in pixels

right the right padding in pixels

bottom the bottom padding in pixels

public void **setViewVisibility** (int viewId, int visibility)

Added in [API level 1](#)

Equivalent to calling `View.setVisibility`

Parameters

viewId The id of the view whose visibility should change

visibility The new visibility for the view

public void **showNext** (int viewId)

Added in [API level 11](#)

Equivalent to calling `showNext()`

[\(reference/android/widget/AdapterViewAnimator.html#showNext\(\)\)](/reference/android/widget/AdapterViewAnimator.html#showNext())

Parameters

viewId The id of the view on which to call [showNext\(\)](#)

public void **showPrevious** (int viewId)

Added in [API level 11](#)

Equivalent to calling [showPrevious\(\)](#)

[\(/reference/android/widget/AdapterViewAnimator.html#showPrevious\(\)\)](#)

Parameters

viewId The id of the view on which to call [showPrevious\(\)](#)

public void **writeToParcel** ([Parcel](#) dest, int flags)

Added in [API level 1](#)

Flatten this object in to a Parcel.

Parameters

dest The Parcel in which the object should be written.

flags Additional flags about how the object should be written. May be 0 or [PARCELABLE_WRITE_RETURN_VALUE](#).