**Android 控件Xml属性:**

链接地址：<http://developer.android.com/reference/android/widget/RelativeLayout.html>

View--->ViewGroup----->LinearLayout[RelativeLayout]

View--->ImageView[TextView]--->

TextView--->EditText[button]

imageView--->ImageButton

**View所共同拥有的属性**

[android:id](http://developer.android.com/reference/android/view/View.html" \l "attr_android:id)

[android:background](http://developer.android.com/reference/android/view/View.html" \l "attr_android:background)

[android:padding](http://developer.android.com/reference/android/view/View.html" \l "attr_android:padding)【Bottom、Left、Right、Top、Start、End】

[android:visibility](http://developer.android.com/reference/android/view/View.html" \l "attr_android:visibility)（int）----Controls the initial visibility of the view.

[android:alpha](http://developer.android.com/reference/android/view/View.html" \l "attr_android:alpha)（不透明度）----alpha property of the view, as a value between 0 (completely transparent) and 1 (completely opaque).

[android:minWidth](http://developer.android.com/reference/android/view/View.html" \l "attr_android:minWidth)【Height】（int）----Defines the minimum width of the view.

[android:contentDescription](http://developer.android.com/reference/android/view/View.html" \l "attr_android:contentDescription)----Defines text that briefly describes content of the view.

[android:scrollbars](http://developer.android.com/reference/android/view/View.html" \l "attr_android:scrollbars)----Defines which scrollbars should be displayed on scrolling or not.

[android:scrollX](http://developer.android.com/reference/android/view/View.html" \l "attr_android:scrollX)【Y】----The initial horizontal scroll offset, in pixels.

[android:onClick](http://developer.android.com/reference/android/view/View.html" \l "attr_android:onClick)----Name of the method in this View's context to invoke （调用）when the view is clicked.

[android:clickable](http://developer.android.com/reference/android/view/View.html" \l "attr_android:clickable)----Defines whether this view reacts to click events.

[android:fitsSystemWindows](http://developer.android.com/reference/android/view/View.html" \l "attr_android:fitsSystemWindows)----Boolean internal attribute to adjust view layout based on system windows such as the status bar.

**RelativeLayout自己的：**

android:gravity----Specifies how an object should position its content, on both the X and Y axes, within its own bounds.

**LinearLayout自己的：**

android:gravity

[android:orientation](http://developer.android.com/reference/android/widget/LinearLayout.html" \l "attr_android:orientation)----Should the layout be a column or a row? Use "horizontal" for a row, "vertical" for a column.

[android:baselineAligned](http://developer.android.com/reference/android/widget/LinearLayout.html" \l "attr_android:baselineAligned)----When set to false, prevents the layout from aligning its children's baselines.

[android:baselineAlignedChildIndex](http://developer.android.com/reference/android/widget/LinearLayout.html" \l "attr_android:baselineAlignedChildIndex)----When a linear layout is part of another layout that is baseline aligned, it can specify which of its children to baseline align to (that is, which child TextView).

[android:divider](http://developer.android.com/reference/android/widget/LinearLayout.html" \l "attr_android:divider)----Drawable to use as a vertical divider（分割线） between buttons.

[android:measureWithLargestChild](http://developer.android.com/reference/android/widget/LinearLayout.html" \l "attr_android:measureWithLargestChild)----When set to true, all children with a weight will be considered having the minimum size of the largest child.

[android:weightSum](http://developer.android.com/reference/android/widget/LinearLayout.html" \l "attr_android:weightSum)---Defines the maximum weight sum.

**TextView(因为Button,EditText继承自TextView)自己的：**

[android:text](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:text)【[phoneNumber](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:phoneNumber)、[password](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:password)、[numeric](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:numeric)】

[android:inputType](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:inputType)----The type of data being placed in a text field, used to help an input method decide how to let the user enter text.

[android:hint](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:hint)----Hint text to display when the text is empty.

[android:maxHeight](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:maxHeight)【Width、Length、Lines、Ems】

[android:minHeight](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:maxHeight)【Width、Length、Lines、Ems】

[android:fontFamily](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:fontFamily)----Font family (named by string) for the text.

[android:typeface](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:typeface)（字体）----Typeface (normal, sans【没有[衬线的字体](http://baike.baidu.com/view/1927793.htm" \t "http://baike.baidu.com/_blank)】, serif【serif 是有[衬线字体](http://baike.baidu.com/view/1927793.htm" \t "http://baike.baidu.com/_blank)，意思是在字的笔画开始、结束的地方有额外的装饰，而且笔画的粗细会有所不同。】, monospace【等宽字体】) for the text.

[android:textStyle](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:textStyle)----Style (bold【加粗】, italic【斜体】, bolditalic【粗斜体】) for the text.

[android:textSize](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:textSize)

[android:textColor](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:textColor)

[android:textAppearance](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:textAppearance)----Base text color, typeface, size, and style.

[android:textColorLink](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:textColorLink)

[android:textColorHint](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:textColorHint)

[android:letterSpacing](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:letterSpacing)（字母间隔）----Text letter-spacing.

[android:shadowDx](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:shadowDx)【y】----Horizontal offset of the text shadow.

[android:shadowRadius](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:shadowRadius)---Blur radius（模糊半径） of the text shadow.

[android:singleLine](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:singleLine)----Constrains the text to a single horizontally scrolling line instead of letting it wrap onto multiple lines, and advances focus instead of inserting a newline when you press the enter key. 【强制文本通过一个水平滚动显示而不是让它折成多行，当你按下回车键不是插入一个新行而是重新获得焦点。】

**ImageView自己的（ImageButton）：**

android:[adjustViewBounds](http://developer.android.com/reference/android/widget/ImageView.html" \l "attr_android:adjustViewBounds)----Set this to true if you want the ImageView to adjust its bounds to preserve（保持） the aspect ratio（恒纵比例） of its drawable.

android:[cropToPadding](http://developer.android.com/reference/android/widget/ImageView.html" \l "attr_android:cropToPadding)----If true, the image will be cropped（裁剪） to fit within its padding.

[android:scaleType](http://developer.android.com/reference/android/widget/ImageView.html" \l "attr_android:scaleType)----Controls how the image should be resized or moved to match the size of this ImageView.

[android:src](http://developer.android.com/reference/android/widget/ImageView.html" \l "attr_android:src)----Sets a drawable as the content of this ImageView.

[android:tint](http://developer.android.com/reference/android/widget/ImageView.html" \l "attr_android:tint)----Set a tinting（着色） color for the image.

[android:maxHeight](http://developer.android.com/reference/android/widget/TextView.html" \l "attr_android:maxHeight)【Width】

[android:baseline](http://developer.android.com/reference/android/widget/ImageView.html" \l "attr_android:baseline)----The offset of the baseline within this view. 【该视图中的基线偏移量。】

