



FREE eBook

LEARNING android-layout

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#android-
layout

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About

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Chapter 1: Getting started with android-layout

Remarks

This section provides an overview of what android-layout is, and why a developer might want to use it.

It should also mention any large subjects within android-layout, and link out to the related topics. Since the Documentation for android-layout is new, you may need to create initial versions of those related topics.

Examples

Installation or Setup

Detailed instructions on getting android-layout set up or installed.

Linear Layout

LinearLayout is a view group that aligns all children in a single direction, vertically or horizontally.

```
<?xml version="1.0" encoding="utf-8"?>
  <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:paddingLeft="16dp"
    android:paddingRight="16dp"
    android:orientation="vertical" >
    <EditText
      android:layout_width="match_parent"
      android:layout_height="wrap_content"
      android:hint="@string/to" />
    <EditText
      android:layout_width="match_parent"
      android:layout_height="wrap_content"
      android:hint="@string/subject" />
    <EditText
      android:layout_width="match_parent"
      android:layout_height="0dp"
      android:layout_weight="1"
      android:gravity="top"
      android:hint="@string/message" />
    <Button
      android:layout_width="100dp"
      android:layout_height="wrap_content"
      android:layout_gravity="right"
      android:text="@string/send" />
  </LinearLayout>
```

One more important attribute in linear layout is **Layout Weight**

LinearLayout also supports assigning a weight to individual children with the `android:layout_weight` attribute. This attribute assigns an "importance" value to a view in terms of how much space it should occupy on the screen.

LinearLayout Attributes

Attribute	Description
<code>android:orientation</code>	This specifies the direction of arrangement and you will use "horizontal" for a row, "vertical" for a column. The default is horizontal.
<code>android:weightSum</code>	Sum up of child weight
<code>android:gravity</code>	This specifies how an object should position its content, on both the X and Y axes. Possible values are top, bottom, left, right, center, center_vertical, center_horizontal etc.
<code>android:divider</code>	This is drawable to use as a vertical divider between buttons. You use a color value, in the form of "#rgb", "#argb", "#rrggbb", or "#aarrggbb".

Read **Getting started with android-layout** online: <https://riptutorial.com/android-layout/topic/917/getting-started-with-android-layout>

Credits

S. No	Chapters	Contributors
1	Getting started with android-layout	A-Droid Tech , Community , Daniel Nugent , Vishva Dave