Hello, Views >

Table Layout

TableLayout is a ViewGroup that displays child View elements in rows and columns.

1. Start a new project named *HelloTableLayout*.
2. Open the `res/layout/main.xml` file and insert the following:

```xml
<?xml version="1.0" encoding="utf-8"?>
<TableLayout xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="fill_parent"
    android:layout_height="fill_parent"
    android:stretchColumns="1">

    <TableRow>
        <TextView
            android:layout_column="1"
            android:text="Open..."
            android:padding="3dip" />
        <TextView
            android:text="Ctrl-O"
            android:gravity="right"
            android:padding="3dip" />
    </TableRow>

    <TableRow>
        <TextView
            android:layout_column="1"
            android:text="Save..."
            android:padding="3dip" />
        <TextView
            android:text="Ctrl-S"
            android:gravity="right"
            android:padding="3dip" />
    </TableRow>

    <TableRow>
        <TextView
            android:layout_column="1"
            android:text="Save As..."
            android:padding="3dip" />
        <TextView
            android:text="Ctrl-Shift-S"
            android:gravity="right"
            android:padding="3dip" />
    </TableRow>

    <View
        android:layout_height="2dip"
        android:background="#FF909090" />

    <TableRow>
        <TextView
            android:text="X"
```

```
                android:padding="3dip" />
            <TextView
                android:text="Import..."
                android:padding="3dip" />
        </TableRow>

        <TableRow>
            <TextView
                android:text="X"
                android:padding="3dip" />
            <TextView
                android:text="Export..."
                android:padding="3dip" />
            <TextView
                android:text="Ctrl-E"
                android:gravity="right"
                android:padding="3dip" />
        </TableRow>

        <View
            android:layout_height="2dip"
            android:background="#FF909090" />

        <TableRow>
            <TextView
                android:layout_column="1"
                android:text="Quit"
                android:padding="3dip" />
        </TableRow>
    </TableLayout>
```

Notice how this resembles the structure of an HTML table. The TableLayout element is like the HTML <table> element; TableRow is like a ><tr>> element; but for the cells, you can use any kind of View element. In this example, a TextView is used for each cell. In between some of the rows, there is also a basic View, which is used to draw a horizontal line.

3. Make sure your *HelloTableLayout* Activity loads this layout in the onCreate() method:
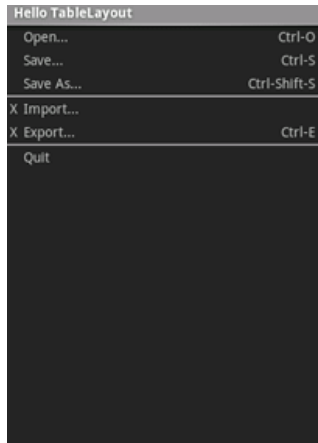
```java
public void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.main);
}
```

The setContentView(int) method loads the layout file for the Activity, specified by the resource ID — R.layout.main refers to the res/layout/main.xml layout file.

4. Run the application.

You should see the following:

References

- [TableLayout](#)
- [TableRow](#)
- [TextView](#)

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