

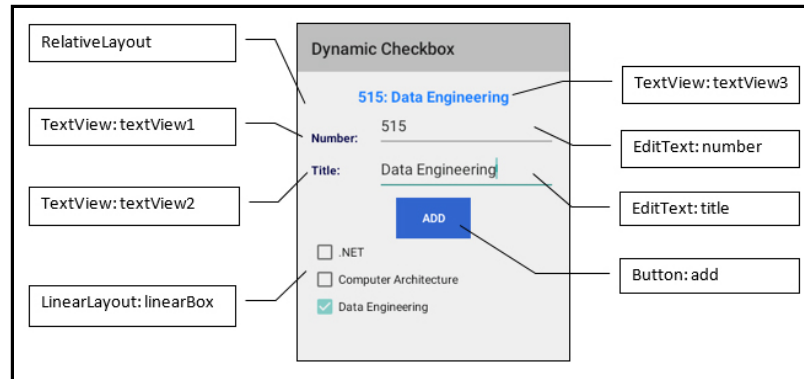
Slide 9.13: Dynamic checkboxes

Slide 9.15: Dynamic checkboxes: Java source code

Home



## Dynamic Checkboxes: Layout File



The following view groups and views are used to create the only one UI, `activity_main.xml`, used in this app:

- [RelativeLayout](#) for the whole screen,
- [LinearLayout](#) for the checkboxes of courses,
- [TextView](#) for the text such as “Number:” and “Title:” and the result of the selected checkbox,
- [EditText](#) for the user input, course number and title, and
- [Button](#) for creating a checkbox of a new course.

DynamicCheckbox/app/src/main/res/layout/activity\_main.xml

```

01 <?xml version="1.0" encoding="utf-8"?>
02 <RelativeLayout
03     xmlns:android = "http://schemas.android.com/apk/res/android"
04     xmlns:tools = "http://schemas.android.com/tools"
05     android:layout_width = "match_parent"
06     android:layout_height = "match_parent"
07     android:paddingBottom = "@dimen/activity_vertical_margin"
08     android:paddingLeft = "@dimen/activity_horizontal_margin"
09     android:paddingRight = "@dimen/activity_horizontal_margin"
10     android:paddingTop = "@dimen/activity_vertical_margin"
11     tools:context = ".MainActivity">
12
13     <EditText
14         android:id = "@+id/number"
15         android:ems = "10"
16         android:layout_width = "wrap_content"
17         android:layout_height = "wrap_content"
18         android:layout_marginTop = "30dp"

```

```
19     android:layout_alignParentRight = "true"
20     android:layout_alignParentTop   = "true">
21 </EditText>
22
23 <EditText
24     android:id = "@+id/title"
25     android:ems = "10"
26     android:layout_width      = "wrap_content"
27     android:layout_height     = "wrap_content"
28     android:layout_alignRight = "@+id/number"
29     android:layout_below      = "@+id/number"
30     android:layout_marginTop  = "10dp">
31 </EditText>
32
33 <TextView
34     android:id = "@+id/textView1"
35     android:text = "Number:"
36     android:textColor = "#000044"
37     android:textStyle = "bold"
38     android:layout_width = "wrap_content"
39     android:layout_height = "wrap_content"
40     android:layout_marginTop = "10dp"
41     android:layout_alignBottom = "@+id/number"
42     android:layout_alignParentLeft = "true">
43 </TextView>
44
45 <TextView
46     android:id = "@+id/textView2"
47     android:text = "Title:"
48     android:textStyle = "bold"
49     android:textColor = "#000044"
50     android:layout_width = "wrap_content"
51     android:layout_height = "wrap_content"
52     android:layout_alignBaseline = "@+id/title"
53     android:layout_alignBottom = "@+id/title"
54     android:layout_alignParentLeft = "true">
55 </TextView>
56
57 <TextView
58     android:id = "@+id/textView3"
59     android:textColor = "#1a7cff"
60     android:textStyle = "bold"
61     android:textSize = "18px"
62     android:layout_width = "wrap_content"
63     android:layout_height = "wrap_content"
64     android:layout_alignParentTop = "true"
65     android:layout_centerHorizontal = "true">
66 </TextView>
67
68 <Button
69     android:id = "@+id/add"
70     android:text = "Add"
71     android:onClick = "Add"
72     android:background = "#3366CC"
73     android:textColor = "ffffff"
74     android:layout_width = "wrap_content"
75     android:layout_height = "wrap_content"
76     android:layout_below = "@+id/title"
77     android:layout_centerHorizontal = "true"
78     android:layout_marginTop = "10dp">
79 </Button>
80
81 <LinearLayout
82     xmlns:android = "http://schemas.android.com/apk/res/android"
83     xmlns:tools = "http://schemas.android.com/tools"
```

```
84     android:id      = "@+id/linearBox"
85     android:layout_width  = "match_parent"
86     android:layout_height = "match_parent"
87     android:orientation  = "vertical"
88     tools:context        = ".MainActivity"
89     android:layout_below  = "@id/add">
90 </LinearLayout>
91
92 </RelativeLayout>
```

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[Slide 9.15: Dynamic checkboxes: Java source code](#)

[Home](#)

