

Using Activities to Listen to Events



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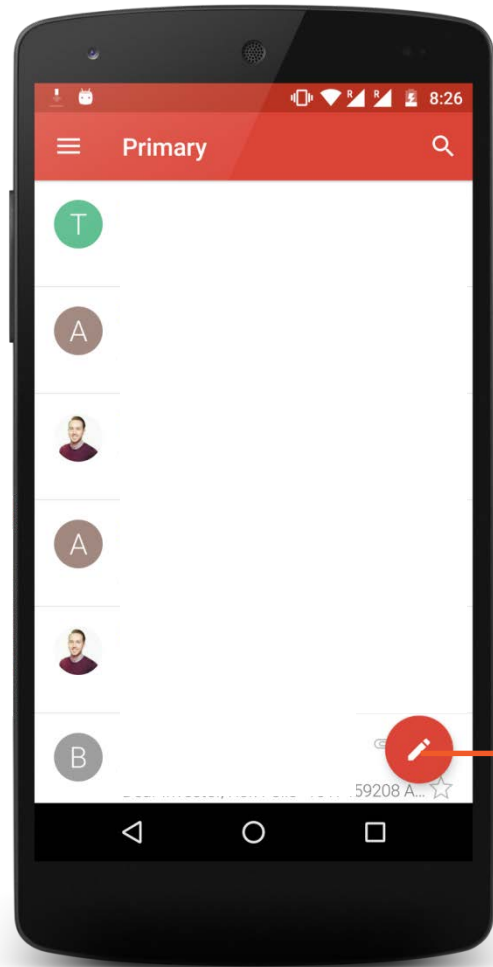
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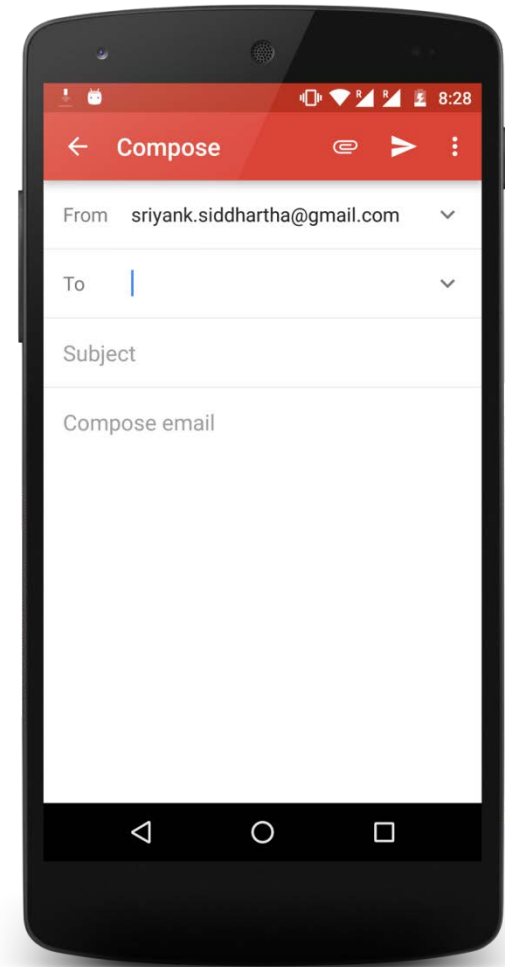
Event Handling



FIRST Activity

INTENT

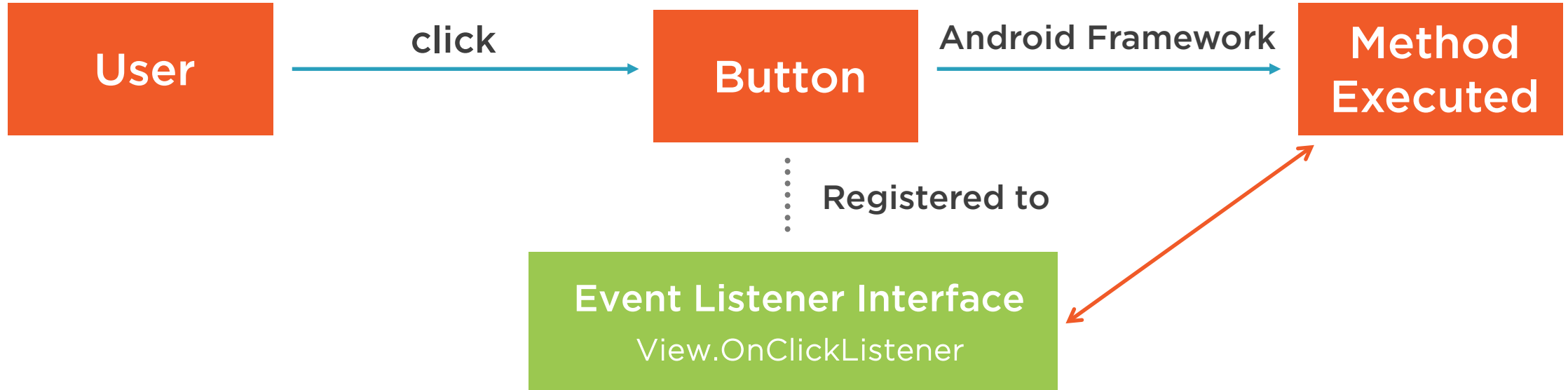
Navigate to SECOND Activity



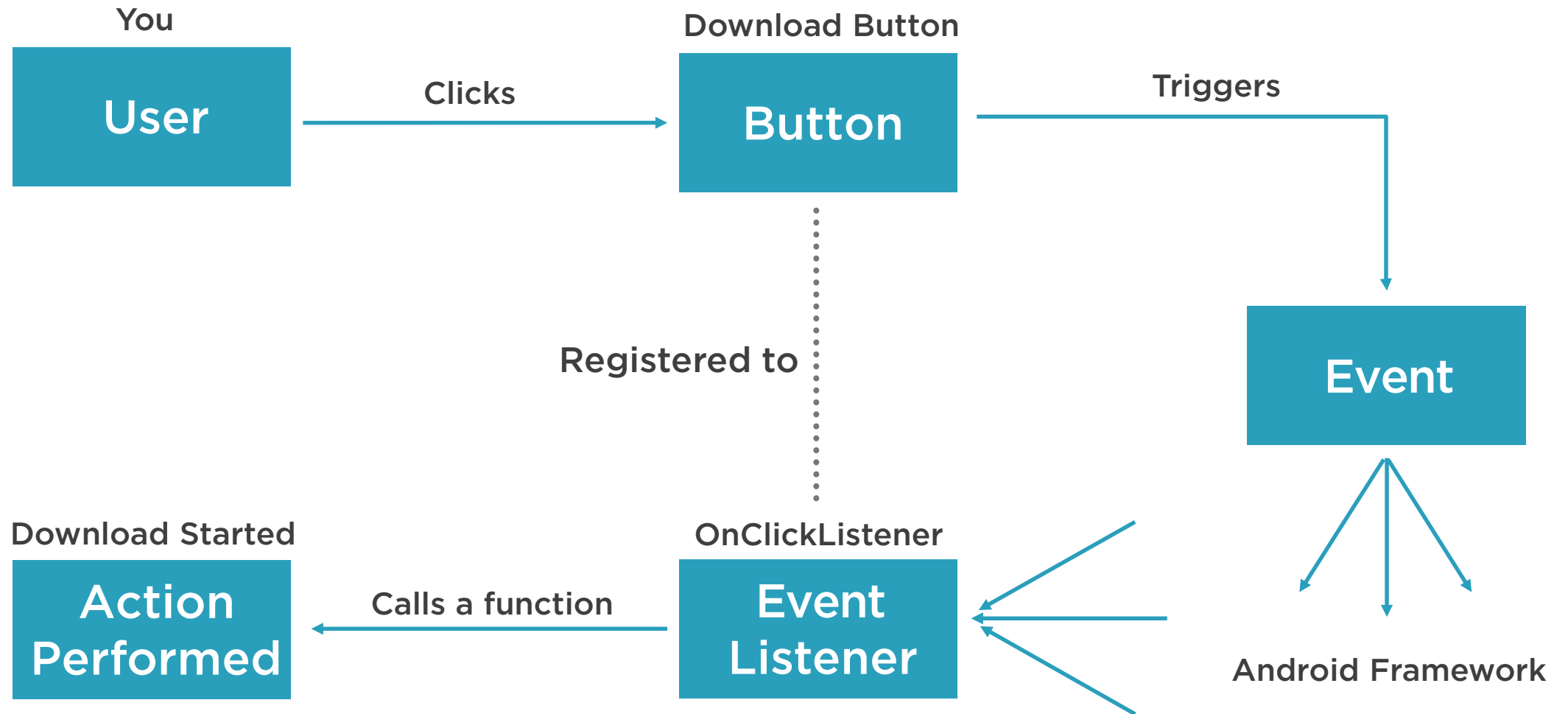
SECOND Activity



Event Handling



Event Handling: Downloading



Demo



Various ways to handle event in Activity

1. Implement OnClickListener interface in Activity
2. Set OnClickListener to the Button directly
3. Handle event through XML layout



```
public class MainActivity extends Activity implements OnClickListener {  
    protected void onCreate (...) {  
        button.setOnClickListener(MainActivity.this);  
    }  
    public void onClick(View view) {  
        // Your Codes  
    }  
}
```

Method 1



```
public class MainActivity extends Activity {  
    protected void onCreate (...) {  
        button.setOnClickListener(new OnClickListener() {  
            public void onClick(View view) {  
                // Your Codes  
            }  
        });  
    }  
}
```

Method 2



```
public class MainActivity extends Activity {  
    public void doSomeTask(View view) {  
        // Your codes  
    }  
    public void doSomeOtherTask(View view) {  
        // Your codes  
    }  
}
```

Method 3

```
<Button . . .
```

```
    onClick="doSomeTask"
```

```
    . . .    />
```

XML Layout



Summary



Event Handling in Activity

- 3 ways

Event Handling in Activity for other Views

- Image touched/clicked
 - onTouchListener / OnClickListener
- Checkbox checked
 - OnCheckedChangeListener
- RadioButton selected
 - OnCheckedChangeListener (RadioGroup)

