[main] INFO soot.jimple.infoflow.taintWrappers.EasyTaintWrapper - Loaded wrapper entries for 89 classes and 12 exclusions.

Running data flow analysis...

[main] INFO soot.jimple.infoflow.android.SetupApplication - ARSC file parsing took 0.010159666 seconds

[main] INFO soot.jimple.infoflow.android.SetupApplication - Constructing the callgraph...

[Call Graph] For information on where the call graph may be incomplete, use the verbose option to the cg phase.

[Spark] Pointer Assignment Graph in 0.0 seconds.

[Spark] Type masks in 0.0 seconds.

[Spark] Pointer Graph simplified in 0.0 seconds.

[Spark] Propagation in 0.3 seconds.

[Spark] Solution found in 0.3 seconds.

[main] INFO soot.jimple.infoflow.android.callbacks.DefaultCallbackAnalyzer - Collecting callbacks in DEFAULT mode...

Callback analysis done.

Found 1 layout controls in file res/layout/activity\_main.xml

[main] INFO soot.jimple.infoflow.android.SetupApplication - Constructing the callgraph...

[Call Graph] For information on where the call graph may be incomplete, use the verbose option to the cg phase.

[Spark] Pointer Assignment Graph in 0.0 seconds.

[Spark] Type masks in 0.0 seconds.

[Spark] Pointer Graph simplified in 0.0 seconds.

[Spark] Propagation in 0.0 seconds.

[Spark] Solution found in 0.0 seconds.

Running incremental callback analysis for 1 components...

Incremental callback analysis done.

[main] INFO soot.jimple.infoflow.memory.MemoryWarningSystem - Shutting down the memory warning system...

[main] INFO soot.jimple.infoflow.android.SetupApplication - Entry point calculation done.

Created a SourceSinkManager with 46 sources, 122 sinks, and 2 callback methods.

[main] INFO soot.jimple.infoflow.android.SetupApplication - Running data flow analysis on G:\FlowDroid\re1.apk with 46 sources and 122 sinks...

[main] INFO soot.jimple.infoflow.android.InfoflowAndroidConfiguration - Implicit flow tracking is NOT enabled

[main] INFO soot.jimple.infoflow.android.InfoflowAndroidConfiguration - Exceptional flow tracking is enabled

[main] INFO soot.jimple.infoflow.android.InfoflowAndroidConfiguration - Running with a maximum access path length of 5

[main] INFO soot.jimple.infoflow.android.InfoflowAndroidConfiguration - Using path-agnostic result collection

[main] INFO soot.jimple.infoflow.android.InfoflowAndroidConfiguration - Recursive access path shortening is enabled

[main] INFO soot.jimple.infoflow.android.InfoflowAndroidConfiguration - Taint analysis enabled: true

[main] INFO soot.jimple.infoflow.android.InfoflowAndroidConfiguration - Using alias algorithm FlowSensitive

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Callgraph construction took 0.00119992 seconds

[main] INFO soot.jimple.infoflow.codeOptimization.InterproceduralConstantValuePropagator - Removing side-effect free methods is disabled

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Dead code elimination took 0.093081051 seconds

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Callgraph has 14 edges

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Starting Taint Analysis

[main] INFO soot.jimple.infoflow.android.data.AndroidMemoryManager - Initializing FlowDroid memory manager...

[main] INFO soot.jimple.infoflow.android.data.AndroidMemoryManager - FDMM: Path data erasure enabled

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Using context- and flow-sensitive solver

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Looking for sources and sinks...

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Source lookup done, found 2 sources and 1 sinks.

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Taint wrapper hits: 0

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Taint wrapper misses: 1

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - IFDS problem with 19 forward and 6 backward edges solved, processing 1 results...

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Current memory consumption: 40 MB

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Memory consumption after cleanup: 30 MB

[main] INFO soot.jimple.infoflow.data.pathBuilders.ContextInsensitiveSourceFinder - Obtainted 1 connections between sources and sinks

[main] INFO soot.jimple.infoflow.data.pathBuilders.ContextInsensitiveSourceFinder - Building path 1..

[main] INFO soot.jimple.infoflow.memory.MemoryWarningSystem - Shutting down the memory warning system...

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - Memory consumption after path building: 28 MB

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - The sink virtualinvoke $r7.<android.telephony.SmsManager: void sendTextMessage(java.lang.String,java.lang.String,java.lang.String,android.app.PendingIntent,android.app.PendingIntent)>("+49 1234", null, $r2, null, null) in method <de.ecspride.MainActivity: void onCreate(android.os.Bundle)> was called with values from the following sources:

[main] INFO soot.jimple.infoflow.android.SetupApplication$InPlaceInfoflow - - $r2 = virtualinvoke $r6.<android.telephony.TelephonyManager: java.lang.String getDeviceId()>() in method <de.ecspride.MainActivity: void onCreate(android.os.Bundle)>

Found a flow to sink virtualinvoke $r7.<android.telephony.SmsManager: void sendTextMessage(java.lang.String,java.lang.String,java.lang.String,android.app.PendingIntent,android.app.PendingIntent)>("+49 1234", null, $r2, null, null), from the following sources:[main] INFO soot.jimple.infoflow.android.SetupApplication - Found 1 leaks

- $r2 = virtualinvoke $r6.<android.telephony.TelephonyManager: java.lang.String getDeviceId()>() (in <de.ecspride.MainActivity: void onCreate(android.os.Bundle)>)

Maximum memory consumption: 40.338224 MB

Analysis has run for 5.461303509 seconds