

Table 1: Activation Properties (out of 185 activities)

Property	# of Activities (%)	Reasons
<b>1. Exported</b>	31 (16.8%)	
<b>2. Activation Location</b>	185 (100%)	
<b>Code</b>	149 (80.5%)	
<b>GUI/lifecycle</b>	114 (61.6%)	
<b>Other Android</b>	25 (13.5%)	
<b>App-specific</b>	10 (5.4%)	
<b>Manifest</b>	36 (19.5%)	
<b>3. Activation Guards</b>	138 (74.6%)	
<b>Enforcement</b>	138 (74.6%)	
<b>In Code</b>	117 (63.2%)	
<b>In Resources</b>	21 (11.4%)	
<b>Restriction</b>	138 (74.6%)	
<b>Mandatory</b>	91 (49.2%)	
<b>Discretionary</b>	47 (25.4%)	
<b>4. Data</b>	143 (77.3%)	
<b>Type</b>	143 (77.3%)	
<b>Parameters</b>	123 (66.5%)	
<b>Execution Dependencies</b>	52 (28.1%)	
<b>Format</b>	143 (77.3%)	
<b>Primitive</b>	107 (57.8%)	
<b>Strings</b>	69 (37.3%)	
<b>Objects</b>	86 (46.5%)	