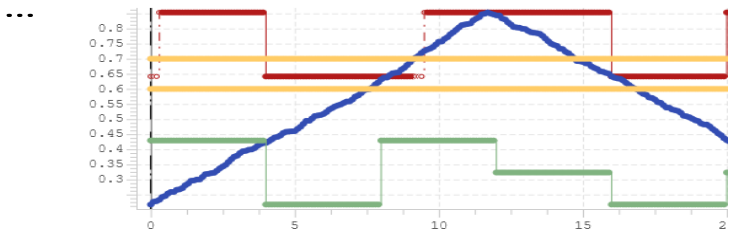


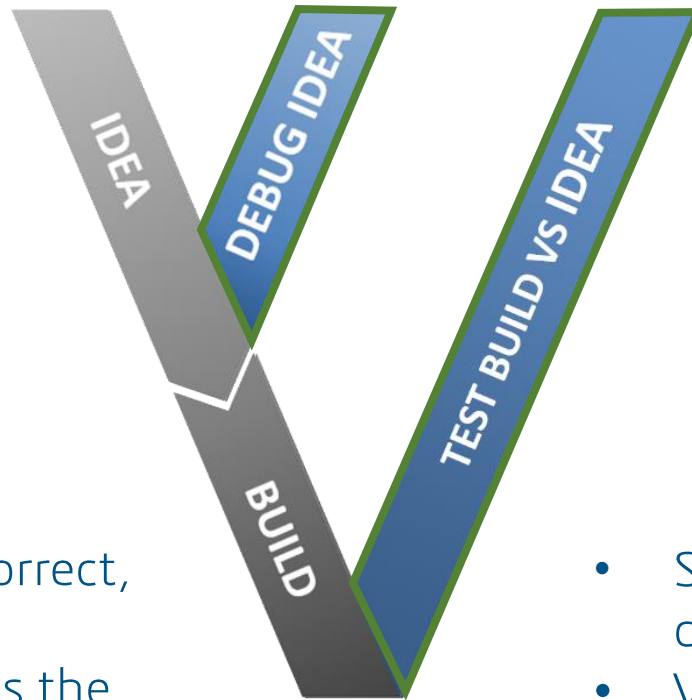
# STIMULUS : Requirements-In-the-Loop

An end to end Validation Solution for Embedded Systems Requirements

When switch is 'ON , headLight shall be 'ON  
 When switch is 'OFF , headLight shall be 'OFF  
 When switch is 'AUTO ,  
 When lightIntensity is less than 60 % for more than 2[second] , headLight shall be 'ON



- Simulate requirements to detect incorrect, missing, conflicting requirements
- Validate that the specification meets the safety requirements



When switch is 'ON , headLight shall be 'ON  
 When switch is 'OFF , headLight shall be 'OFF  
 When switch is 'AUTO ,



When lightIntensity is less than 60 % for more than 2[second] ,

```

136 printf("[*] Android local root exploit (0
137
138 basedir = "/sqlite_stat_journals";
139 if (chdir(basedir) < 0) {
140 basedir = "/data/local/tmp";
141 if (c
142 b
143 )
144 printf("[
145 printf("[
146
147 nonset(&s
148 snl nl_pi
149 snl nl_fa
150
151 if ((sock
152 die(
    
```

Name	Value	Observers	Coverage
Spec Observer			62.5%
AllModes...			62.5%
Ports			
When s...			0.0%
When s...			100.0%
When s...			50.0%
When s...			100.0%

- Stimulate the system and check its compliance with its specification
- Validate that the system meets the safety requirements