VERIFICATION ACADEMY

Basic OVM

Constrained Random Verification Primer

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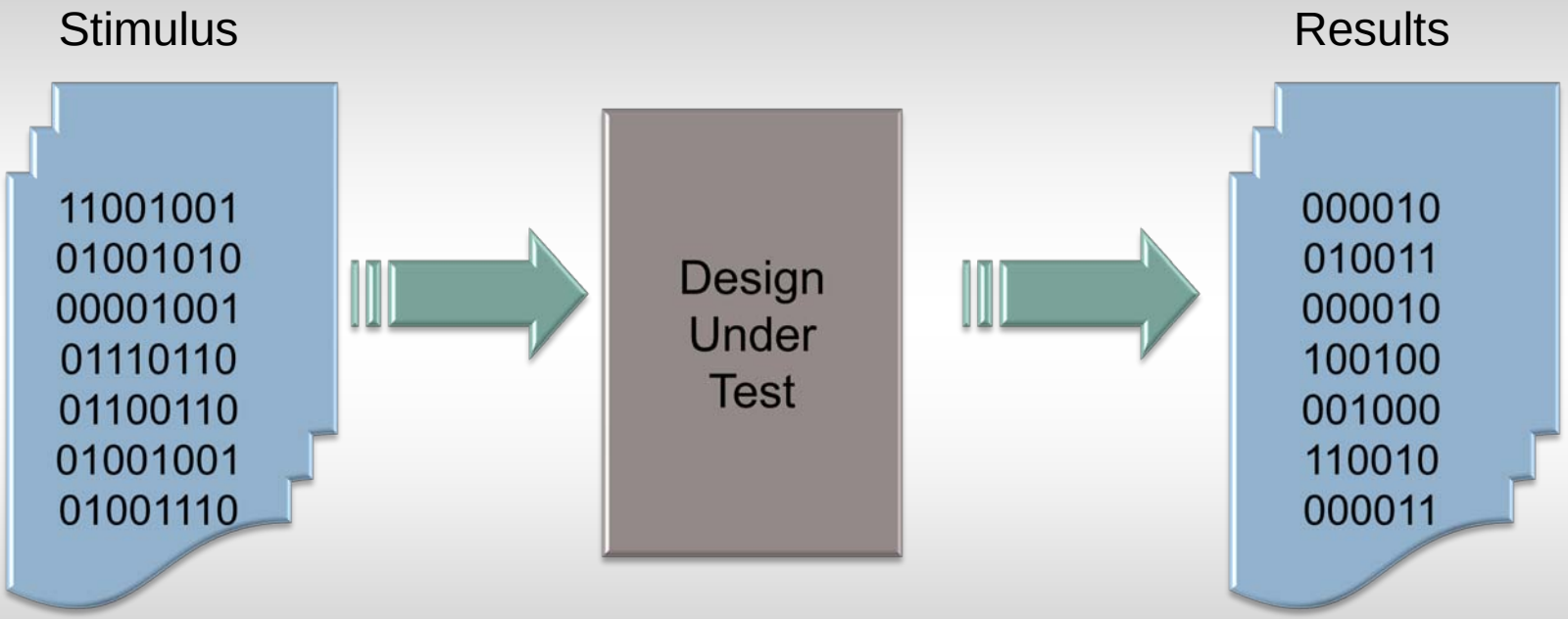
Mentor Graphics®

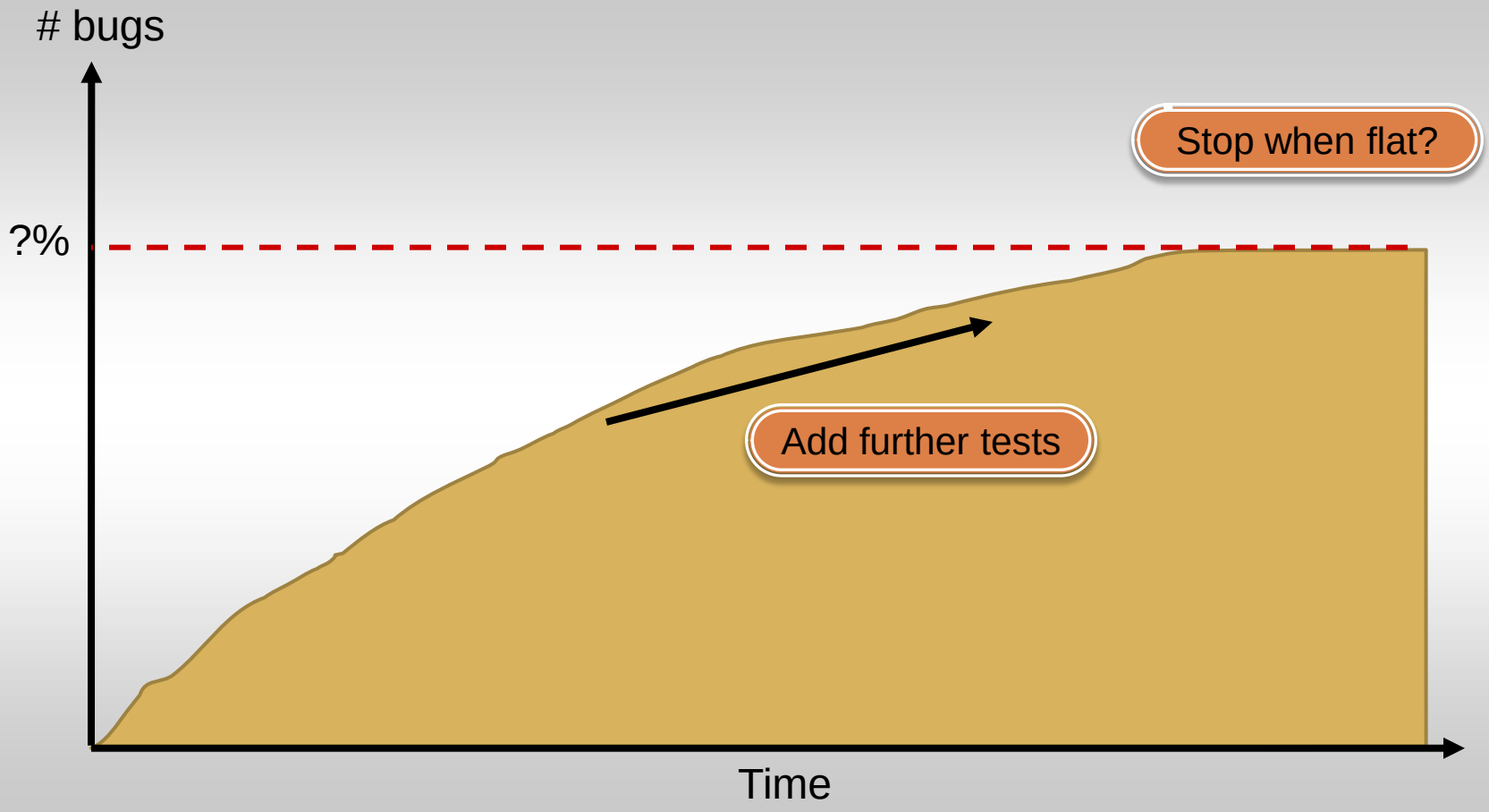
Sessions in this Module

1. Constrained Random Verification Primer
2. Introduction to OVM
3. OVM "Hello World"
4. Connecting Env to DUT
5. Connecting Components
6. Introducing Transactions
7. Sequences and Tests
8. Monitors and Subscribers

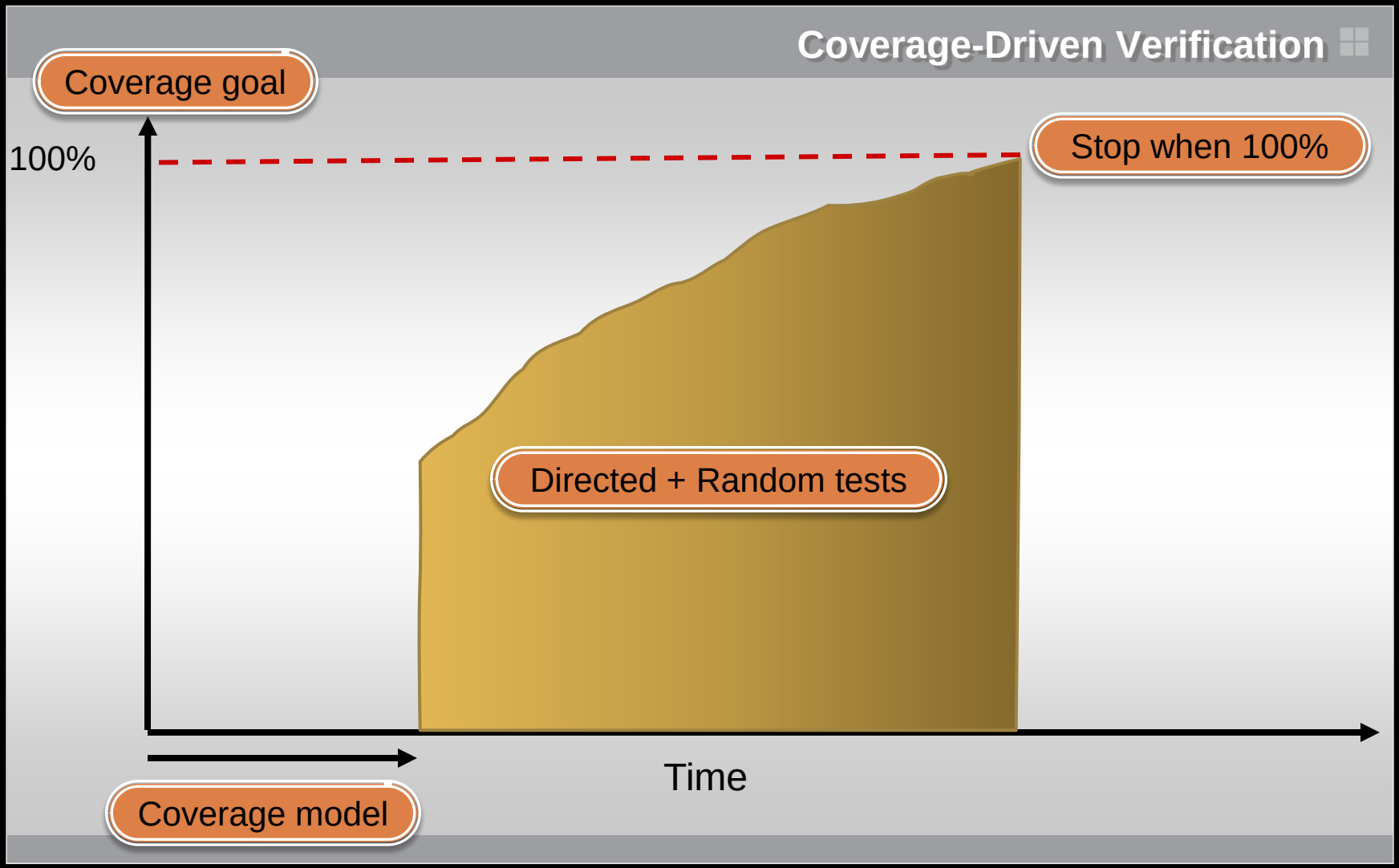
Simulation


Stimulus
11001001
01001010
00001001
01110110
01100110
01001001
01001110
Design
Under
Test
Results
000010
010011
000010
100100
001000
110010
000011

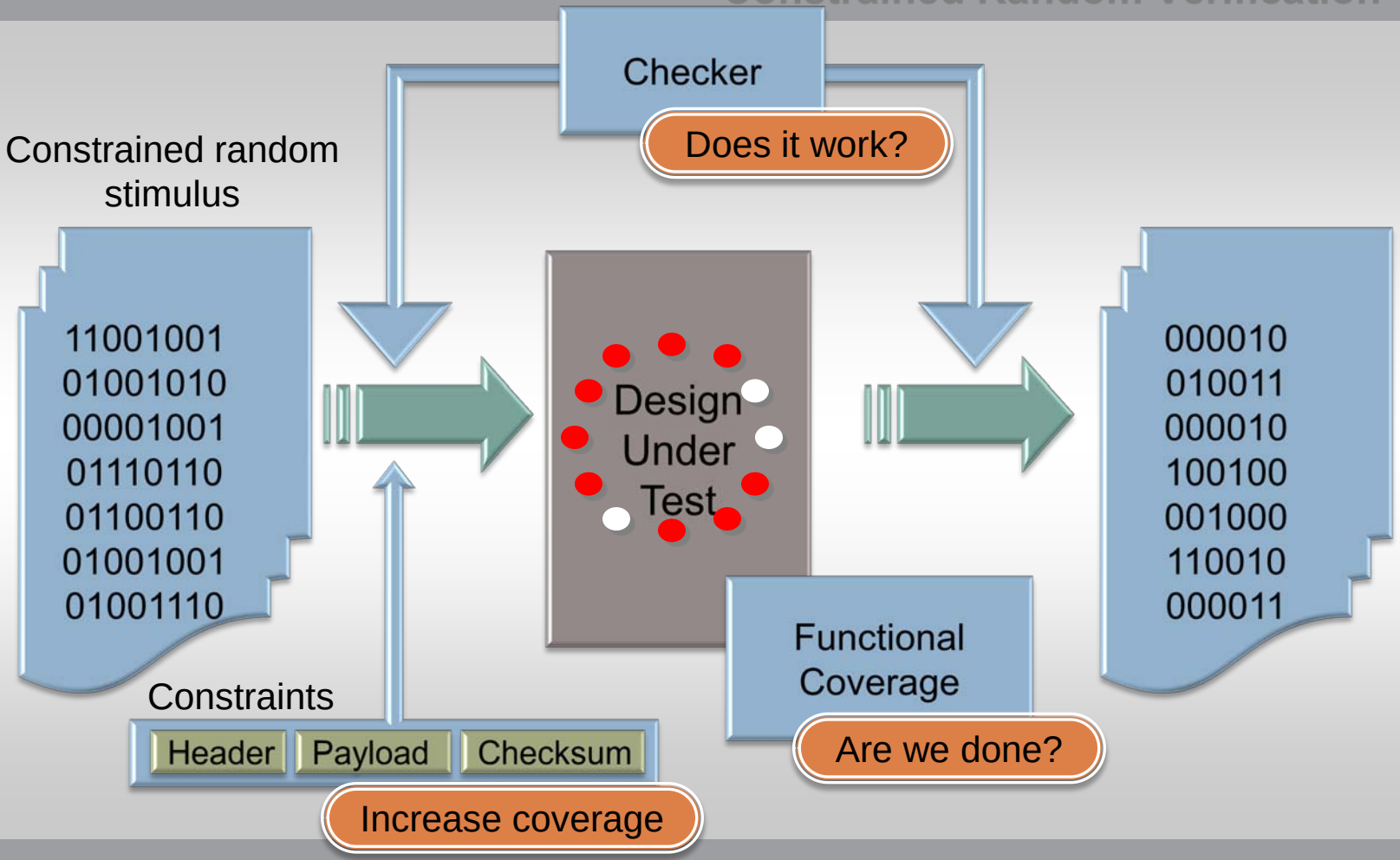
Simulation with Directed Tests



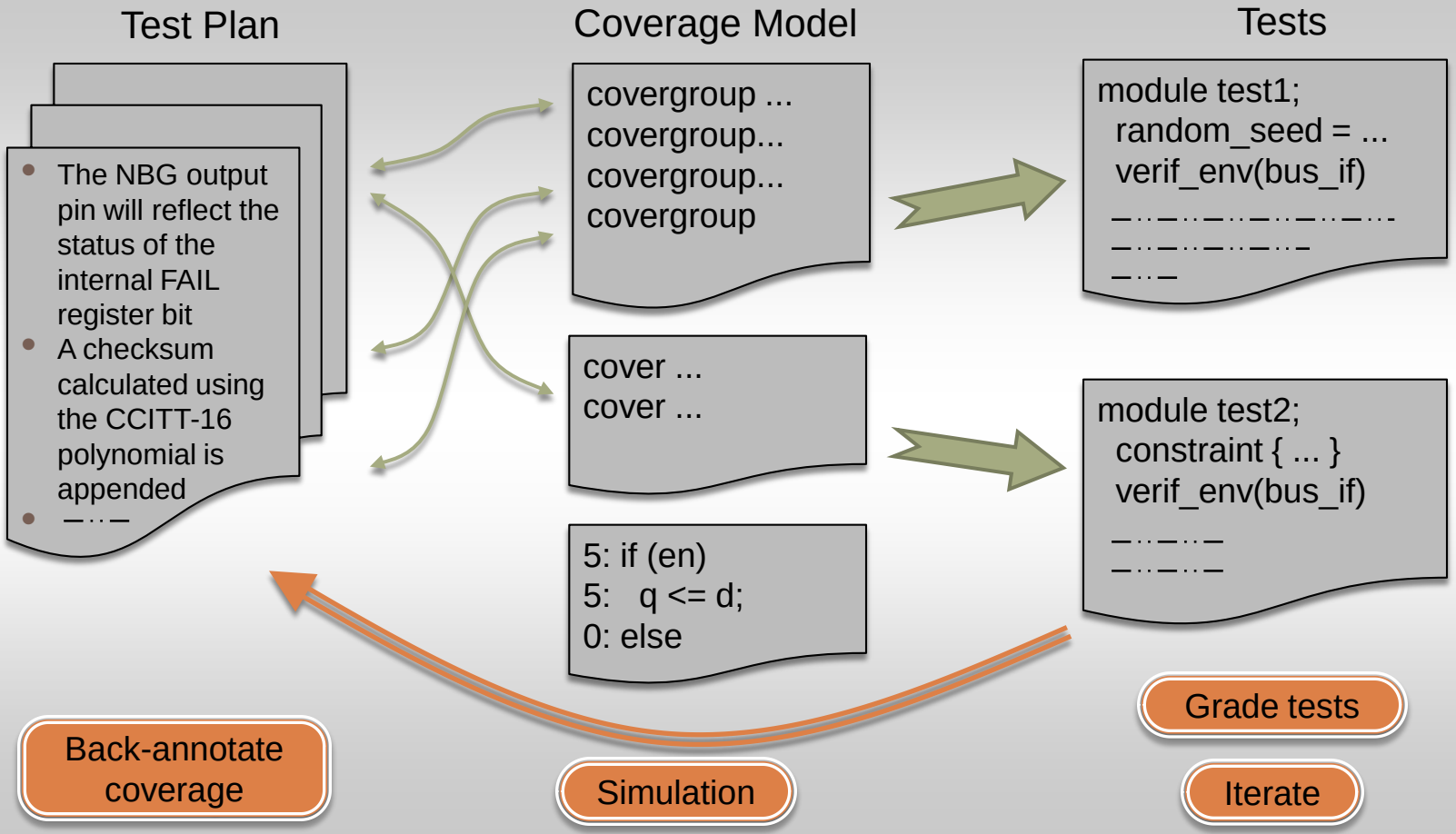
Coverage-Driven Verification



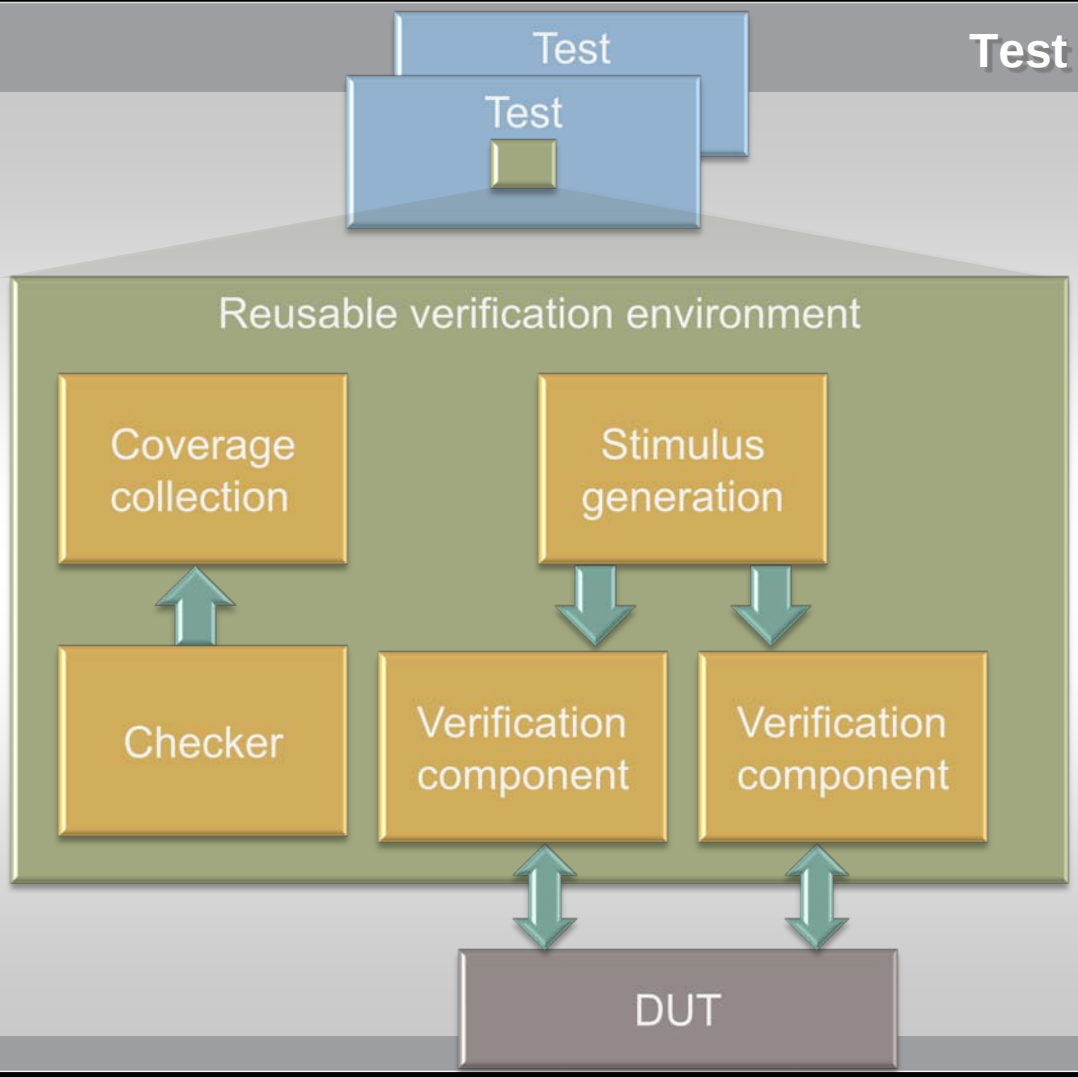
Constrained Random Verification



Test Planning



Test Bench Reuse



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