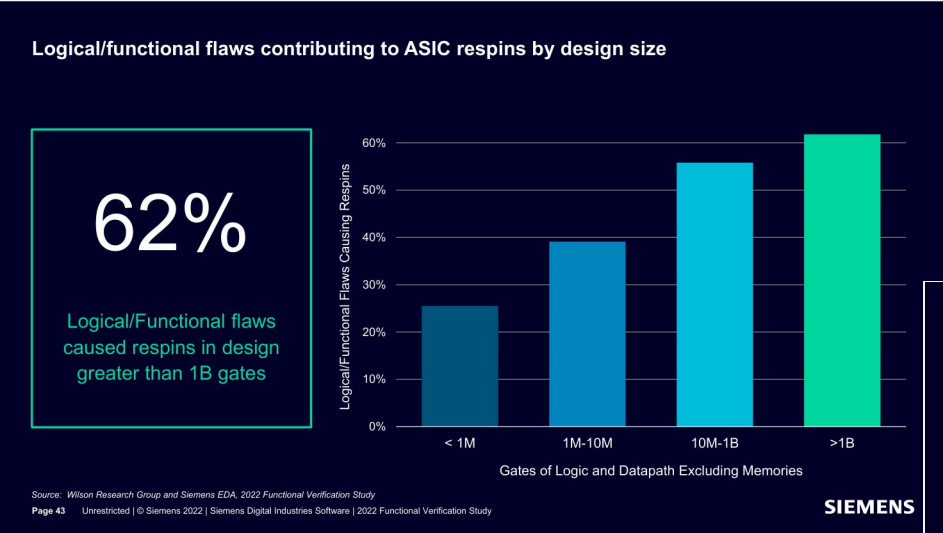


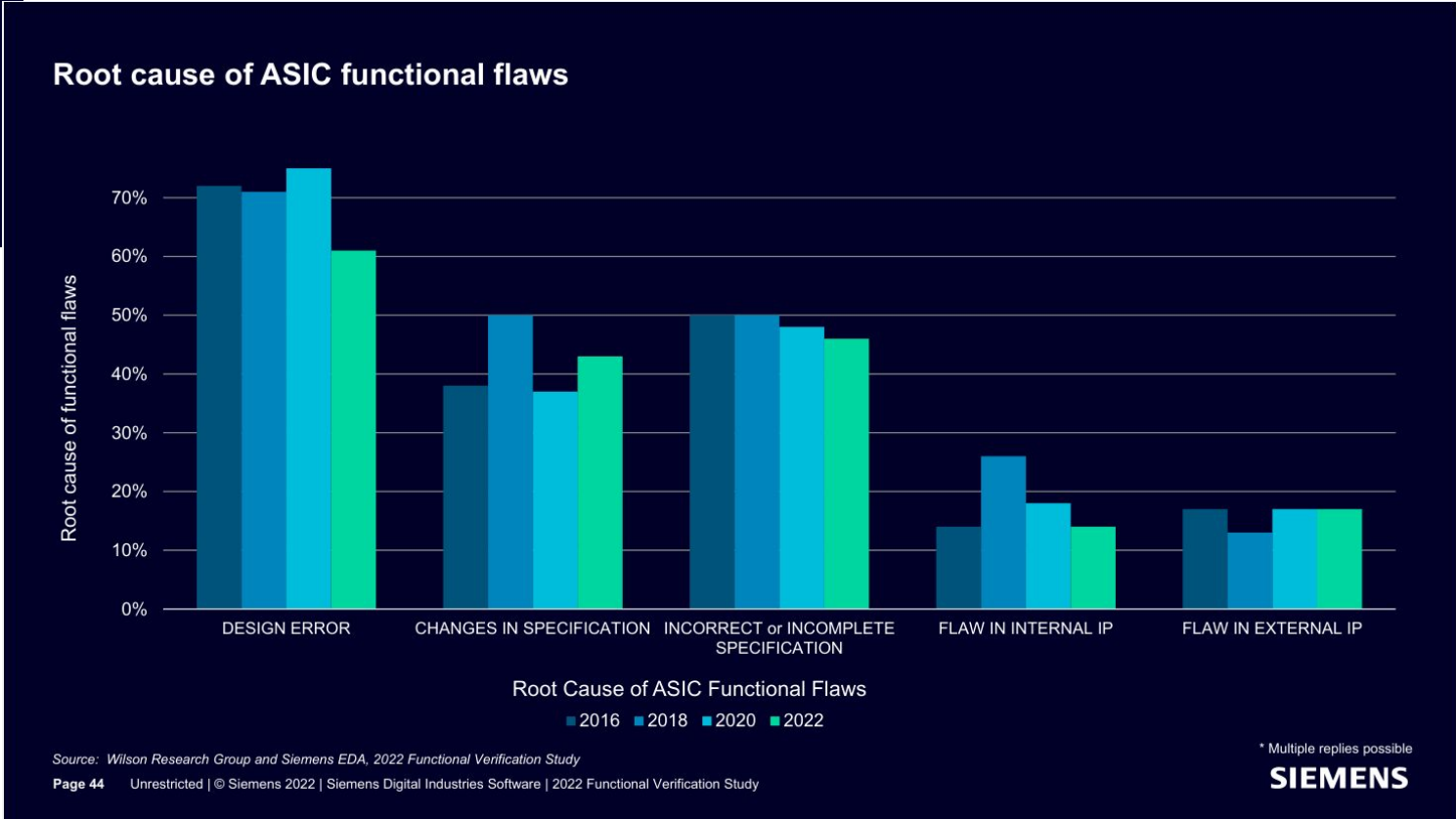
**BREKER**<sup>™</sup> The Leader in Portable Stimulus

# The Road to Coverage is Paved with Good Intentions

# Why are Functional Flaws still a Primary Business Risk ?



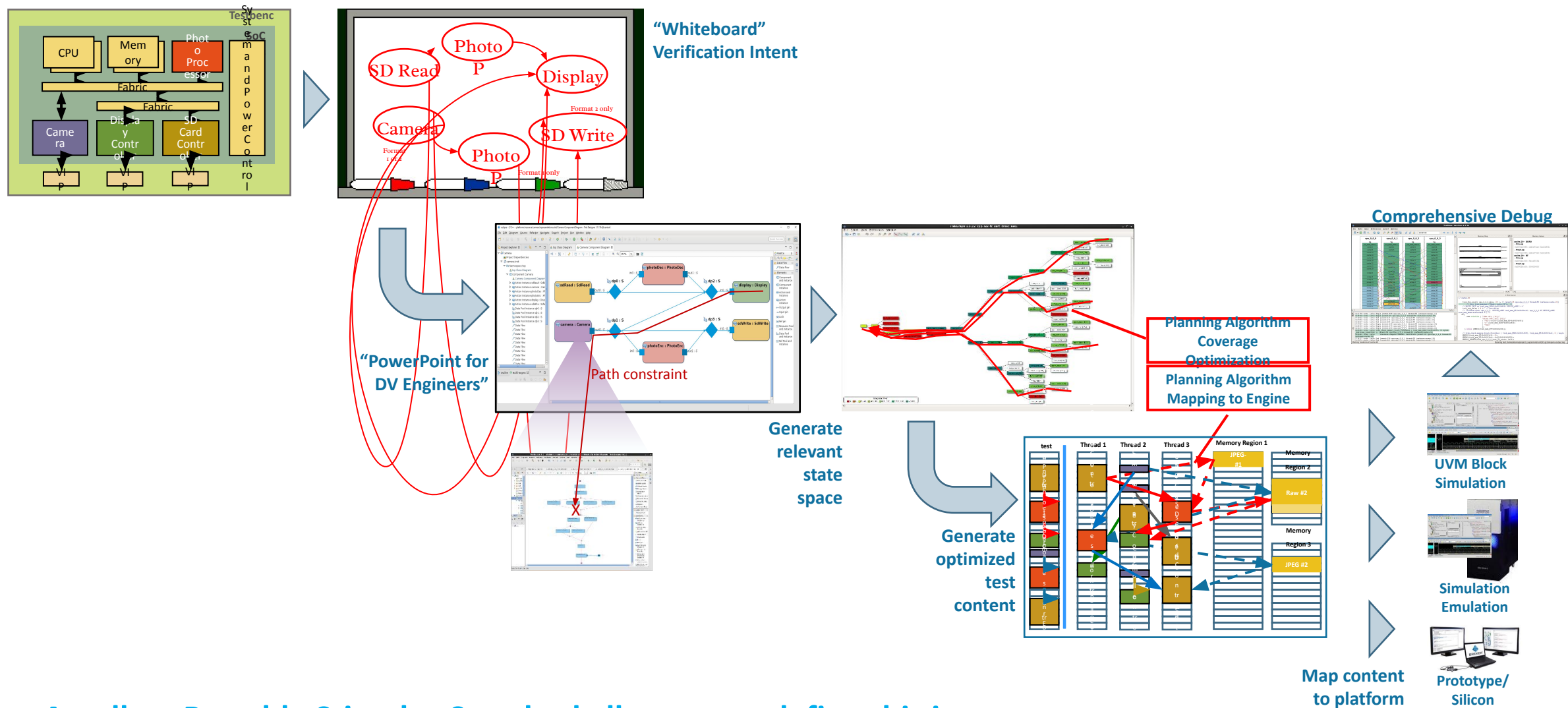
I've verified every block to exhaustion...



... how could the system possibly break?

**100% Coverage of Implementation**  
**!=**  
**100% Coverage of Intent**

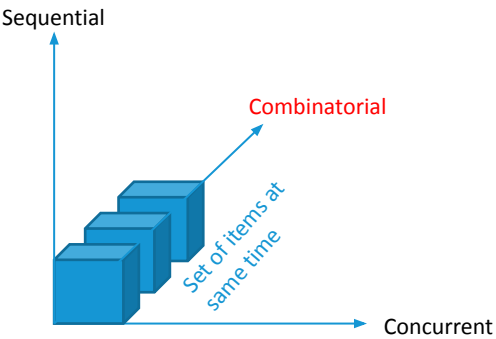
# Is defining verification intent hard ?



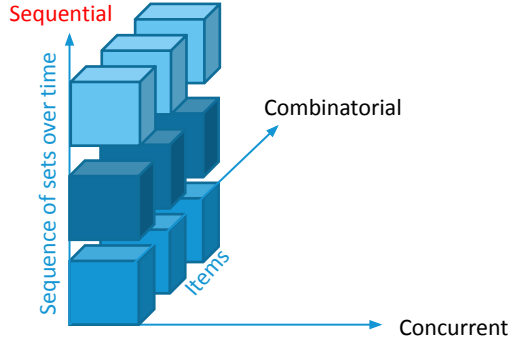
Accellera Portable Stimulus Standard allows us to define this intent



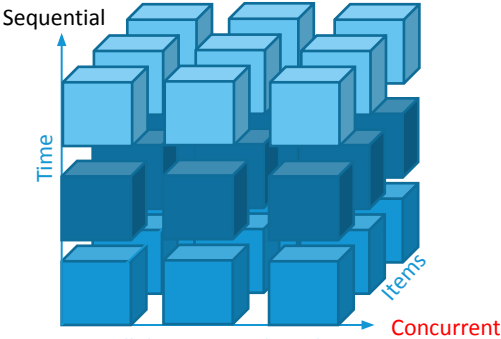
# Is measuring verification intent coverage hard ?



Combinatorial  
Function been tested?

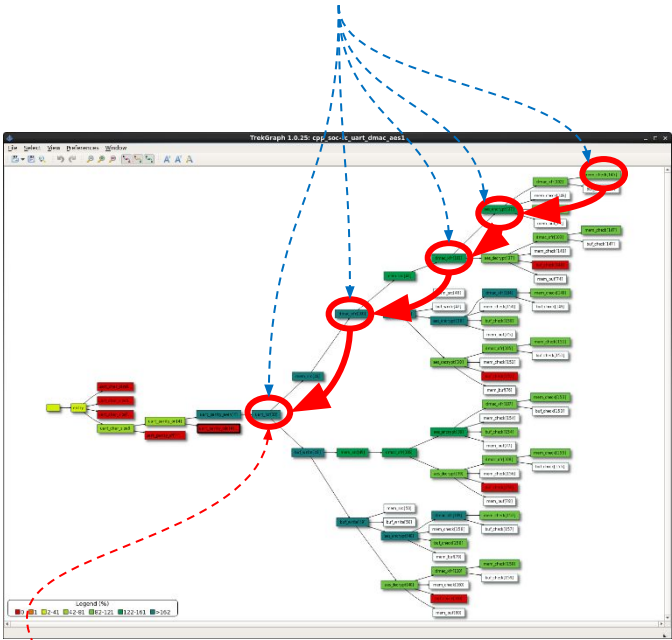
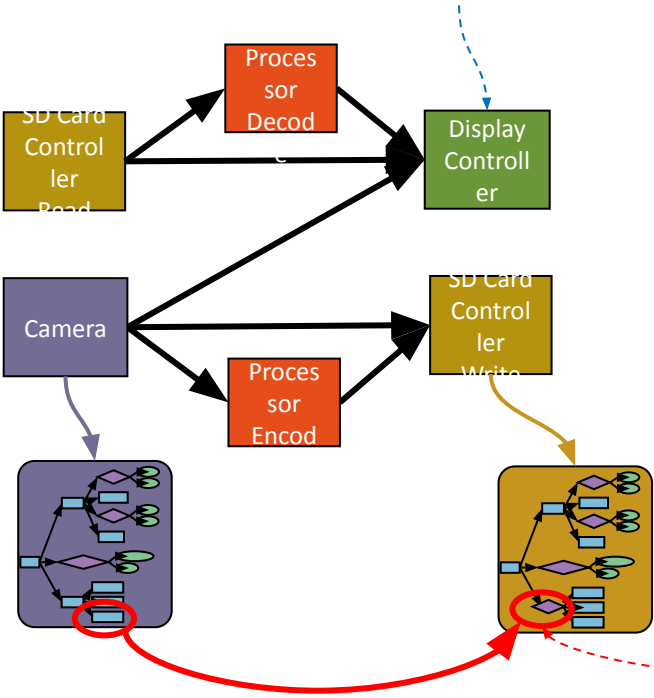


Sequential  
Sequence of functions been tested?

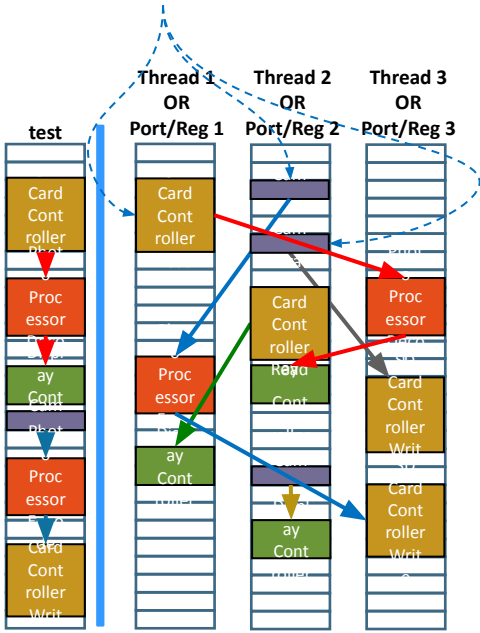


Concurrent  
Has this timing combination been tested?

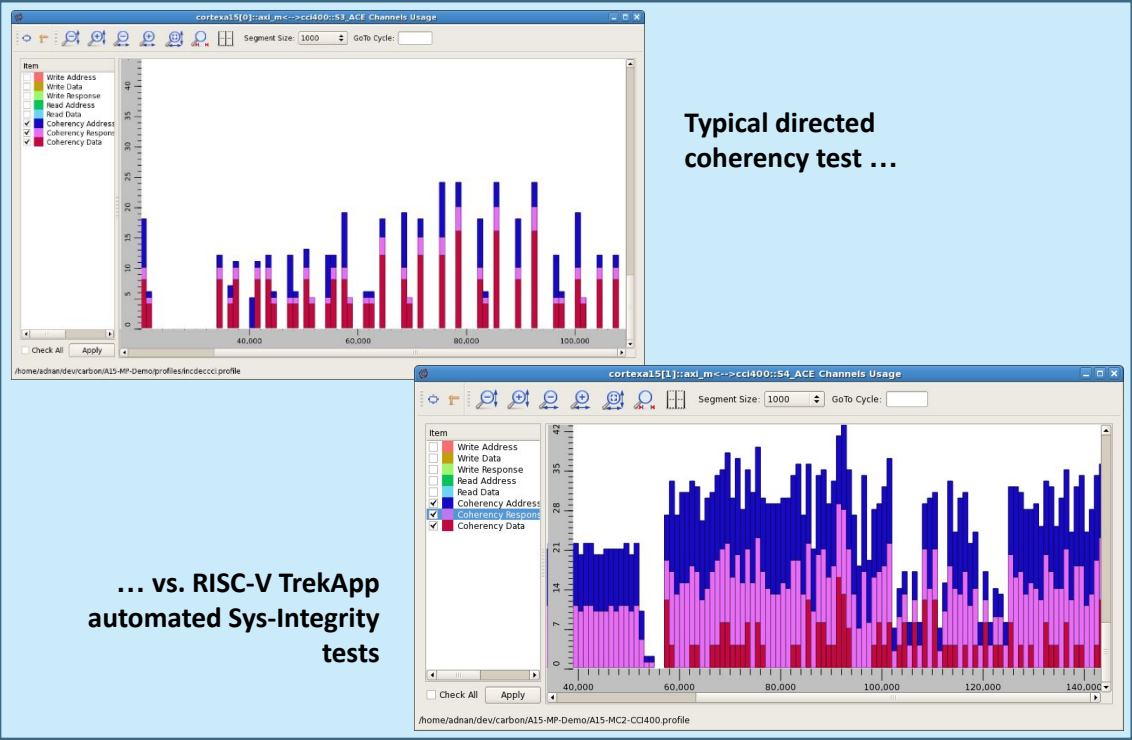
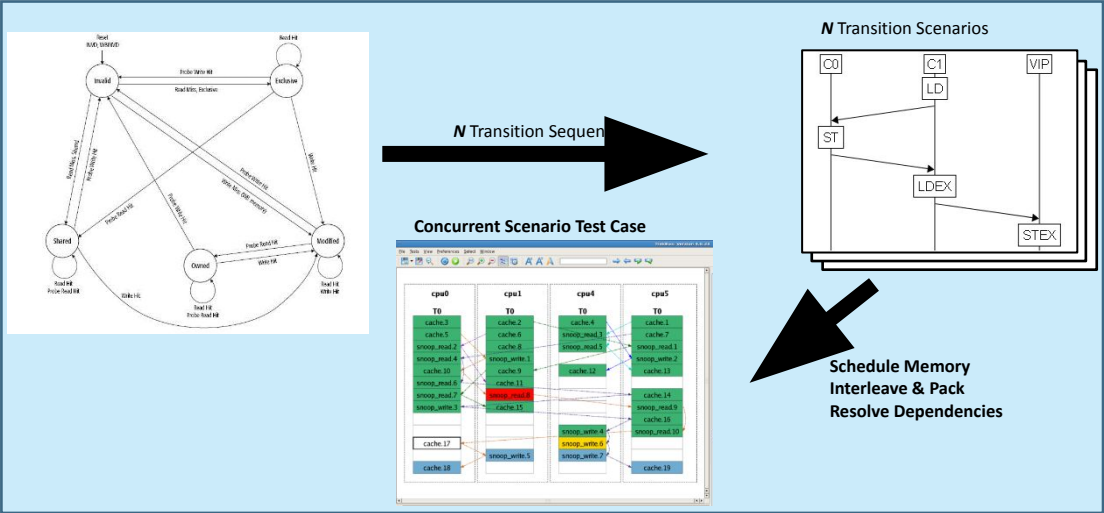
PSS 2.1 Coverage  
allows us to measure  
intent coverage



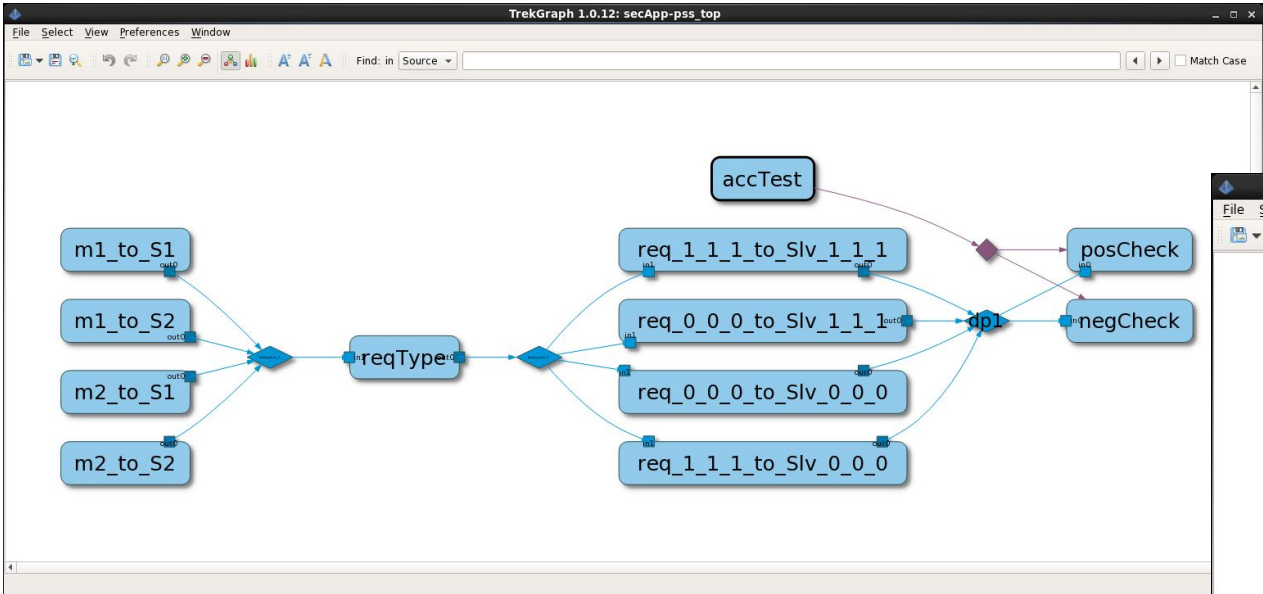
Path Constraint/Coverage



# Application to multi-core cache coherency



# Application to security verification



Graph of all possible access paths

Prove 100% closure on all access paths

