









Formal modeling tools:		
selected options		
 Goal: Develop Trustwort 	hy distributed RTOS	
 Follow OLS SE methodology Formal verification & analysis: formal modelling Costable distributed BTOS 		
 Scalable distributed RTOS Verify benefits and issues of using Formal Modeling True attracted. 		
 Investigated: SPIN, B, CSP/FDR, TLA+/TLC 		
 Outcome of process: SPIN OK, initially preferred, good documentation, wide user base. 		
 but very C-like style CSP: hard notation, EDR not readily available 		
 B: waiting for Event B, incremental approach and compositionality very good TLA+/TLC 		
 Based on Temporal Logic Mathematical notation, but standard 		
• works for any domain (Sw, HW,) but not for large models		
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