

Language		Complexity				Safety			
name	year	1: sequential execution	2: local variables	3: parallel compositions	4: internal events	5: deterministic execution	6: bounded execution	7: safe shared memory	8: finalization blocks
Preemptive	many	✓	✓		✓		<i>rt</i>		
nesC [17]	2003					✓	<i>async</i>	✓	
OSM [22]	2005		✓	✓	✓				
Protothreads [12]	2006	✓				✓			
TinyThreads [27]	2006	✓	✓			✓			
Sol [21]	2007	✓	✓	✓		✓	✓		
FlowTalk [3]	2011	✓	✓						
Ocram [4]	2013	✓	✓			✓			
Céu		✓	✓	✓	✓	✓	✓	✓	✓