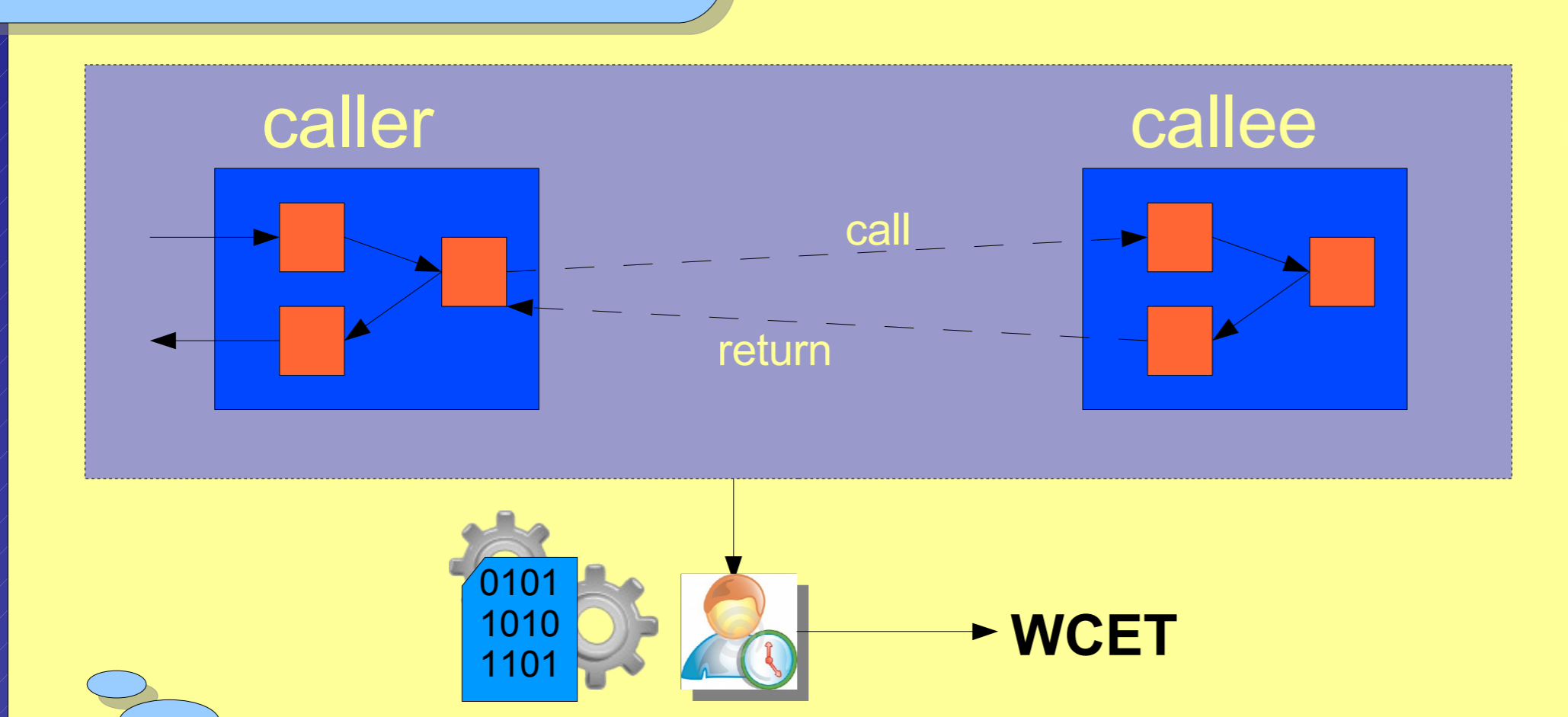


WCET Computation of Software Components by Partial Static Analysis

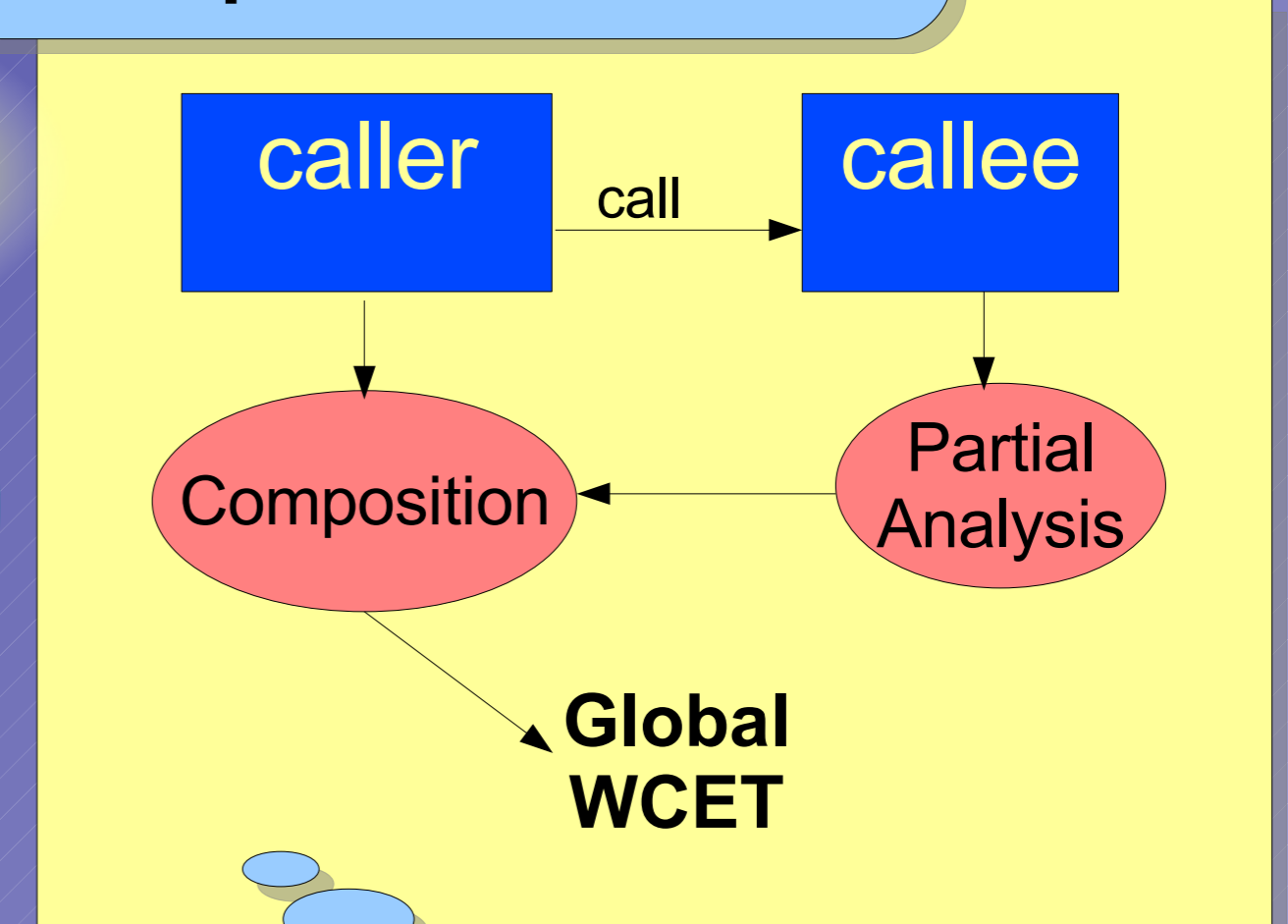
usual analysis process



Exponential analysis time
Problem with unavailable components



partial analysis process



Reduced analysis time
No problem with components.



callee



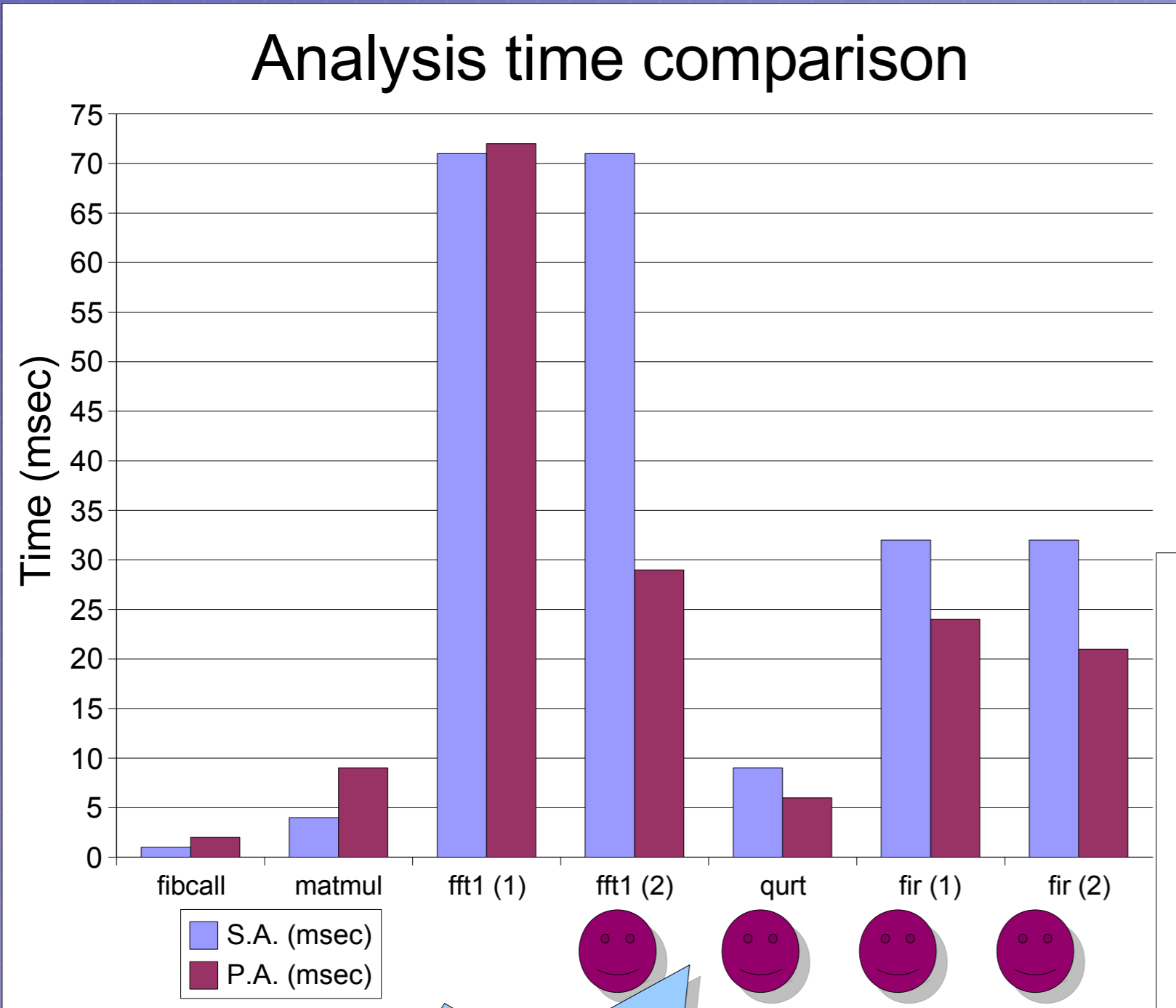
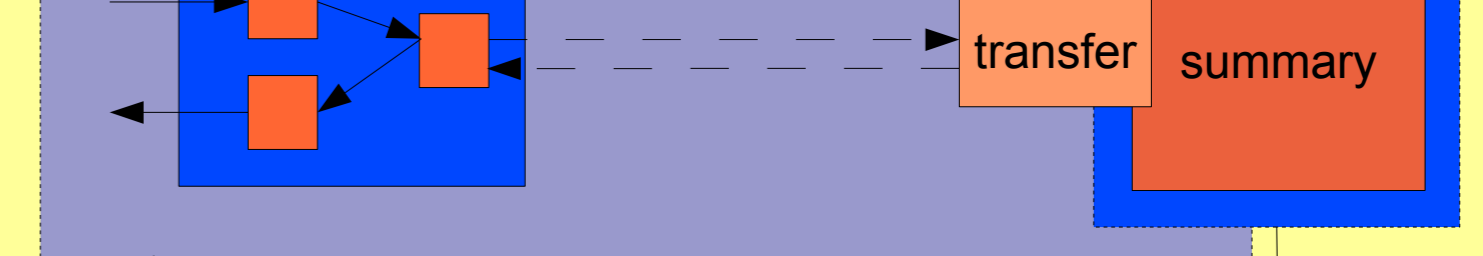
Transfer function

Summary function

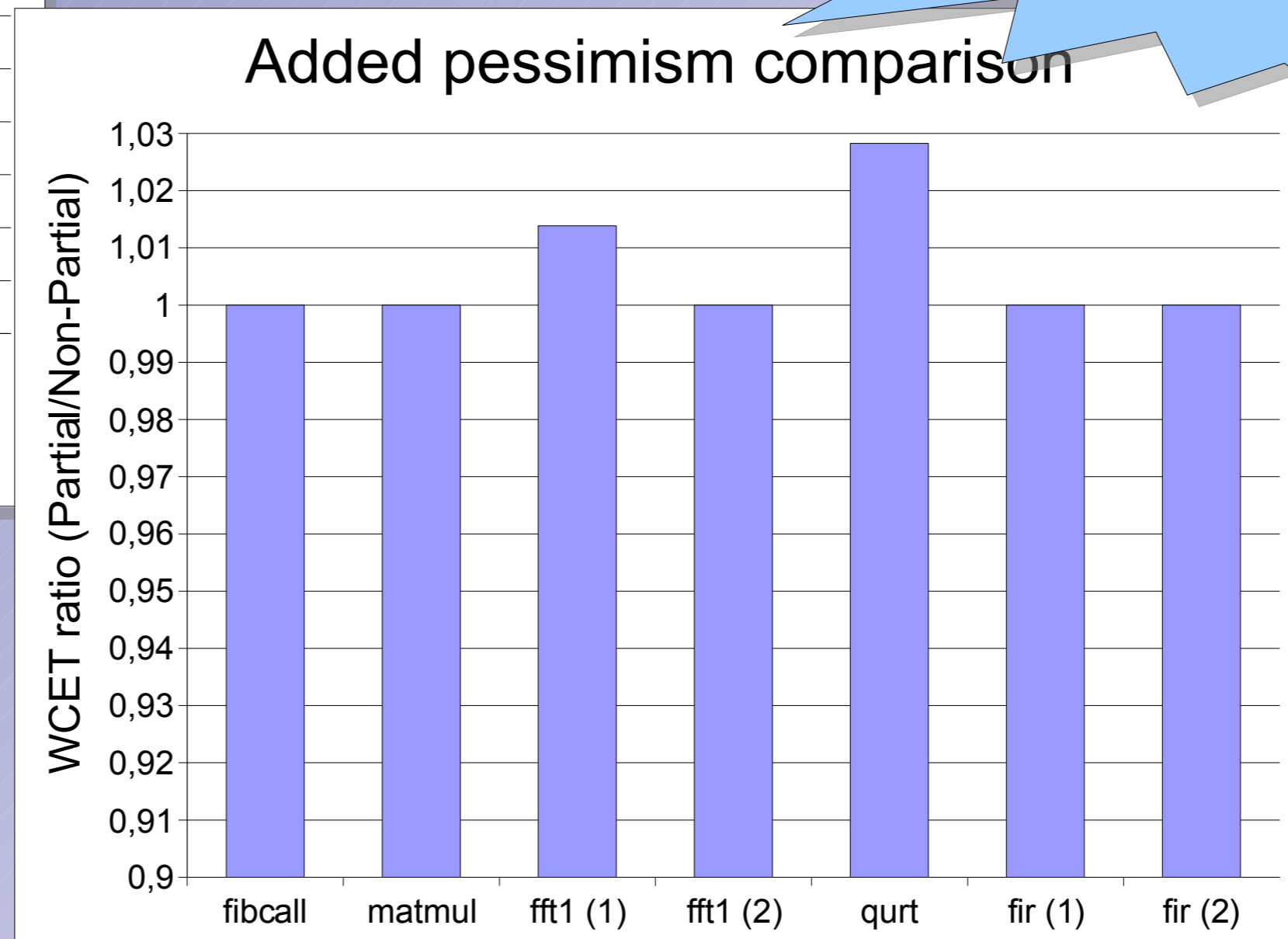
building partial results

composing partial results

caller



Analysis time gain



Correct WCET
Few added pessimism