

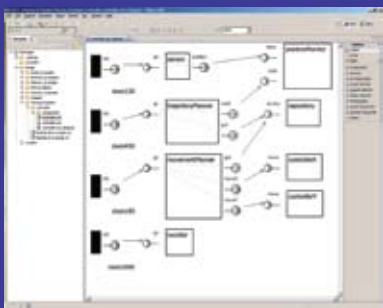


PACC STARTER KIT

PREDICTABILITY BY CONSTRUCTION

Constructive Features

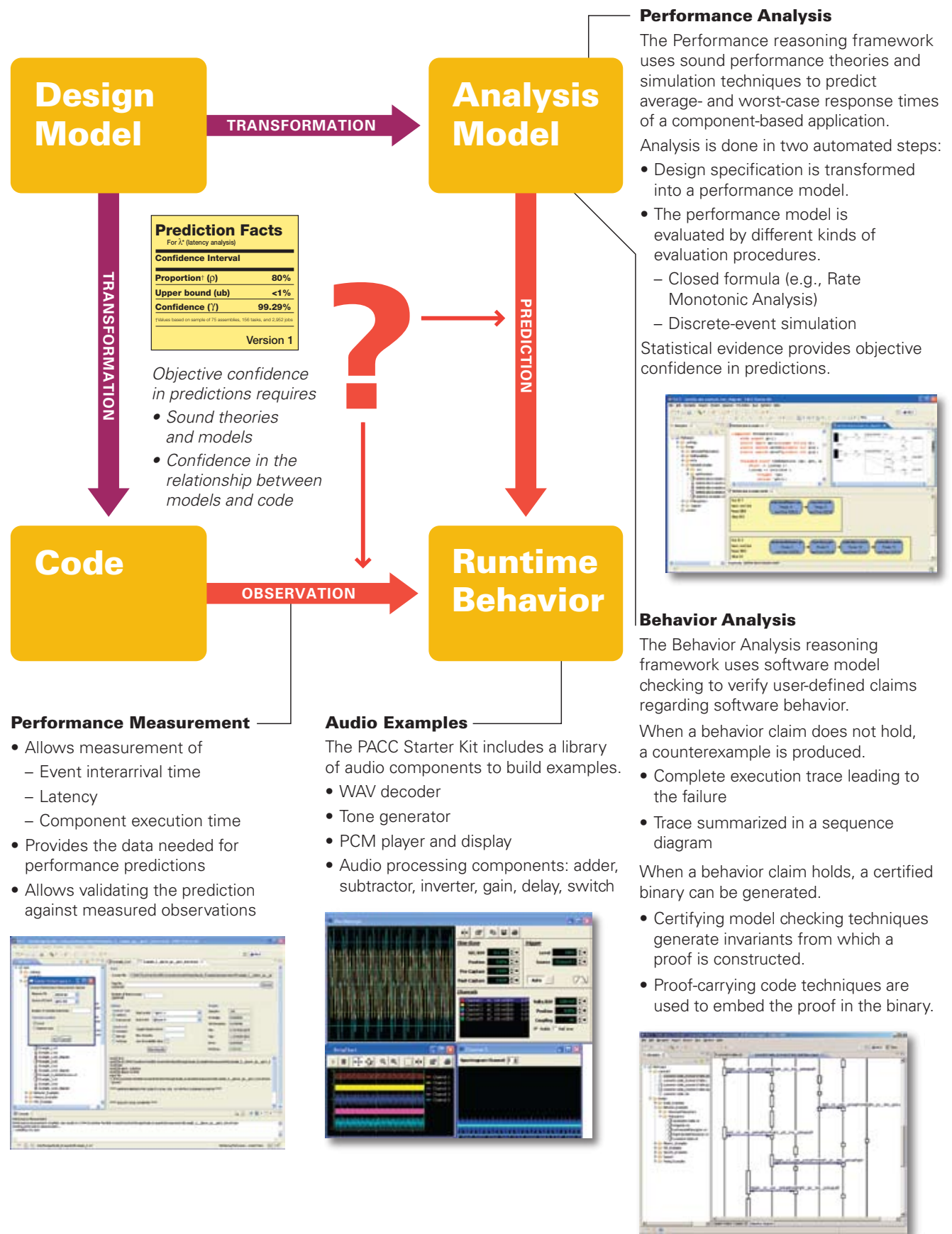
- Design language (UML statecharts + component wiring)
- Code generation
- Execution environment
 - Pin component technology
 - RTOS real-time extensions
- Measurement tools
 - Performance
 - Memory use



Analytic Features

- Performance
 - Worst-case latency
 - Average-case latency
 - Sporadic-server latency
- Behavior
 - Based on software model checking
 - Proof generation on success
- Security
 - Buffer overflow detection
- Memory consumption

The PACC* Starter Kit is an integrated set of tools that demonstrates how technologies can be combined to deliver objective confidence in predictions of system behavior.



* PACC stands for Predictable Assembly from Certifiable Code.