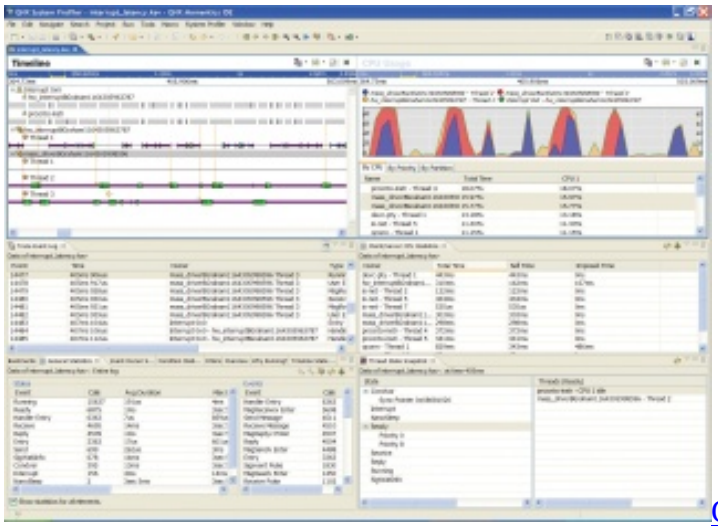
Overview#

The QNX Momentics System Profiler is a system wide analysis tool that helps resolve problems, such as timing conflicts, locating deadlocks, identifing logic flaws, detecting hidden faults in software and hardware, and fine tuning application performance - whether its running on a uniprocessor or multiprocessor system.

Features#

- Timeline navigation
- CPU activity analysis
- Event statistics
- Adaptive partitioning analysis
- Multi-core anaylsis
  - Process migration analysis
  - Inter CPU communication analysis


Click to enlarge

Resources#

- Article: System Analysis using the System Profile
- Whitepaper: Using System Tracing Tools to Optimize Multi-Core Systems
- Whitepaper: Using System Tracing Tools to Optimize Software Quality and Behaviour