



Power API Overview

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Overview



- Power API Version 2.0 released in July
- Power API 2.0 Implementation
 - Reference Implementation:
 - 100s of downloads in 2017
 - Deployed in the Tri-lab Operating System – many significant sized clusters supported at LLNL, LANL and SNL
 - Cray Implementation:
 - Complete and functional
 - Works with CAPMC
 - Performance optimized for Cray XC systems

Power API Meeting

- Power API Specification Community Meeting!
 - December 4th-5th, 2017
 - At Intel's Ronler Acres Campus in Hillsboro OR, USA
- Purpose
 - This group will propose, review and vote on changes to the Power API specification as a community effort
 - Consider the first proposals for changes to the specification
 - Interaction between, gov labs, vendors, and academia
- Agenda
 - Introductory tutorials on the Power API
 - Formulation of working group rules and procedures
 - Infrastructure discussion



powerapi.sandia.gov



Figure 7: A complex multi-stage filter with 10 stages and 10 passive components.