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Power API Overview

Ryan E. Grant, James H. Laros III

U.S. DEPARTMENT OF ENERGY

NNSA National Nuclear Security Administration

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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

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