

The Open Power Foundation and Opportunities in Weather/Climate Modeling

HPC Workshop Conference at ECMWF

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Goal

The goal of the OpenPOWER Foundation is to **create an open ecosystem**, using the POWER Architecture to share expertise, investment, and validated and compliant server-class intellectual property to serve the evolving needs of customers.

- Opening the architecture to give the industry the **ability to innovate** across the full Hardware and Software stack
 - Includes SOC design, Bus Specifications, Reference Designs, FW OS and Hypervisor Open Source
- Driving an expansion of enterprise class Hardware and Software stack for the data center
- Building a vibrant and mutually beneficial **ecosystem for Power**

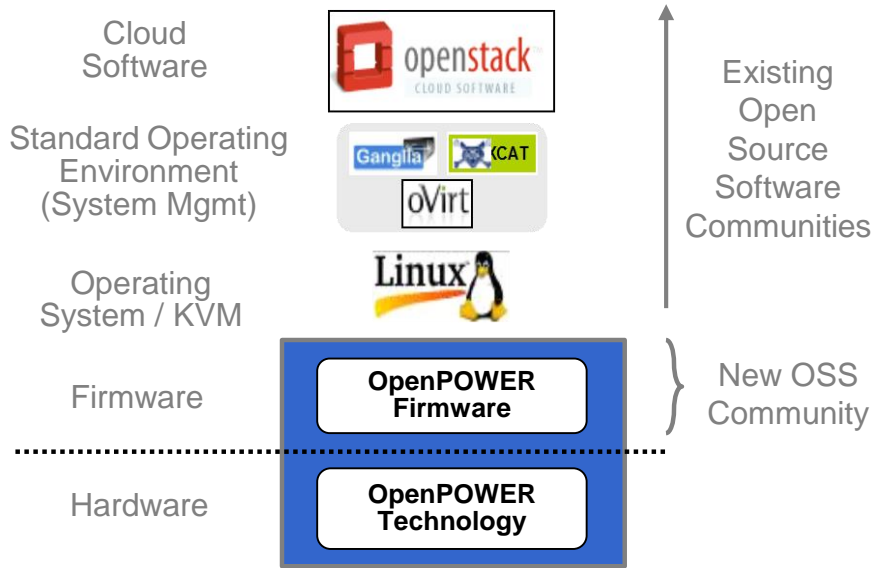
Platinum Members



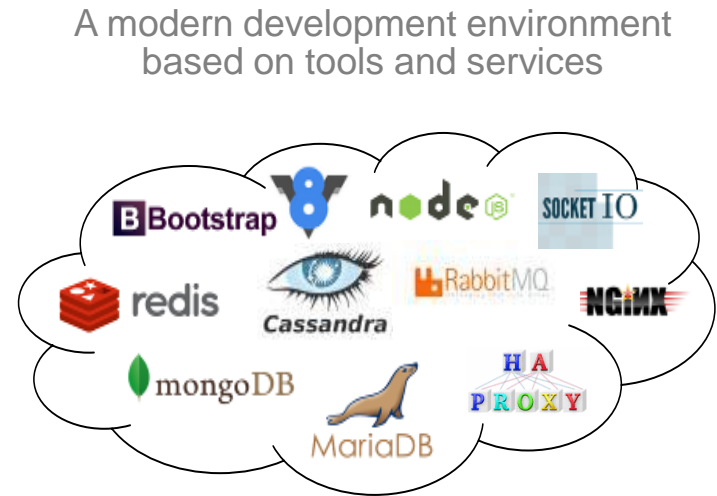
Proposed Ecosystem Enablement



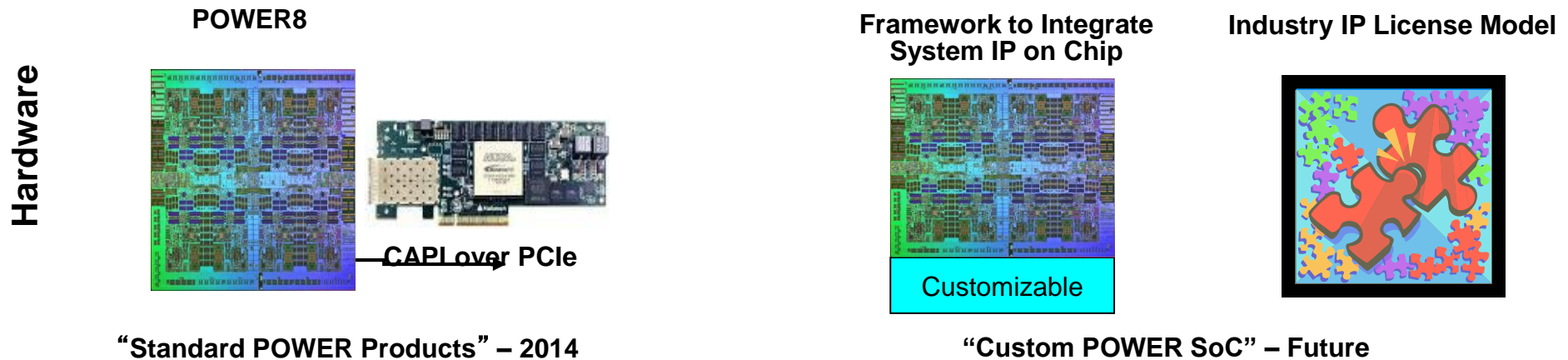
Power Open Source Software Stack Components



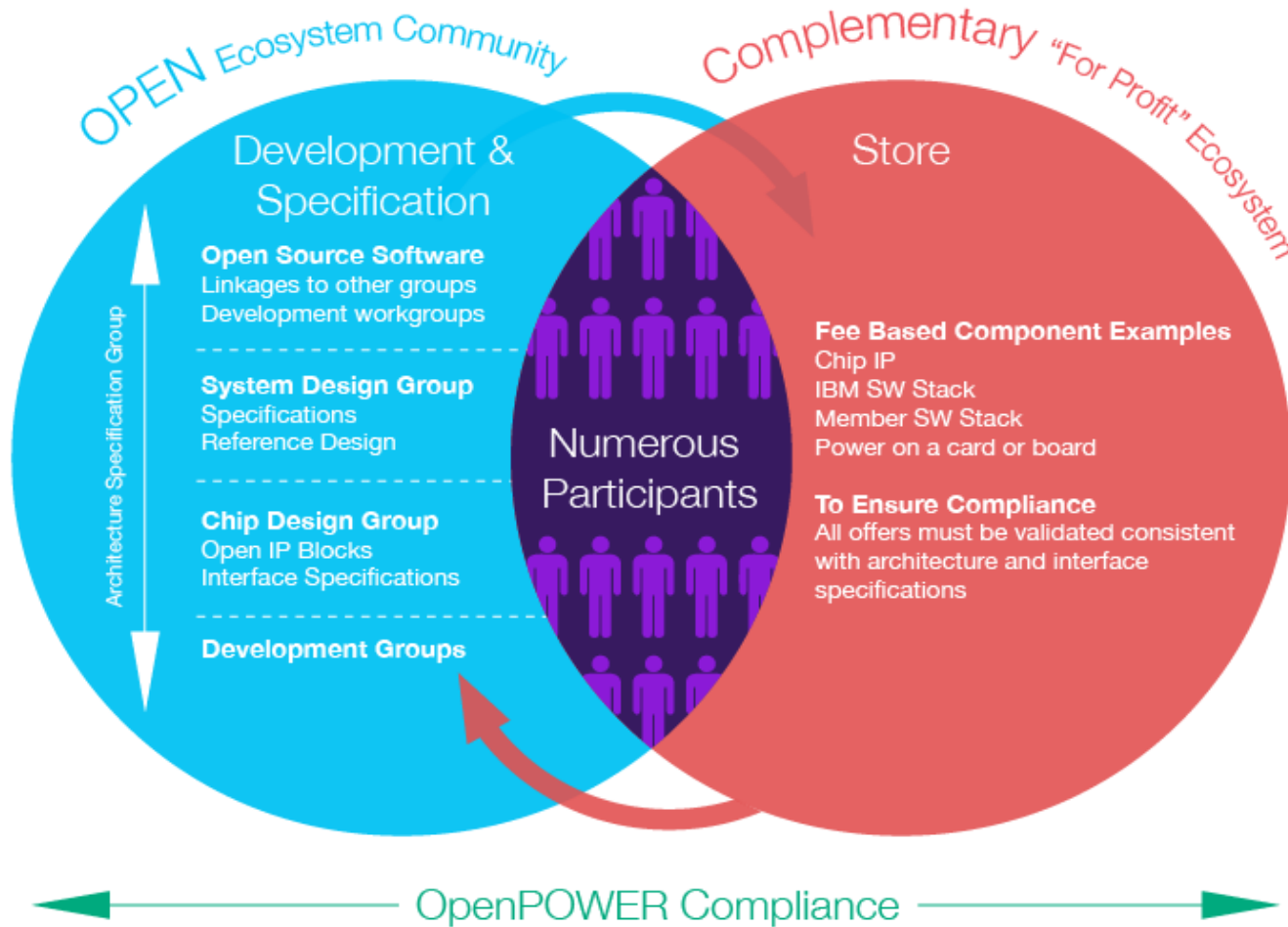
System Operating Environment Software Stack



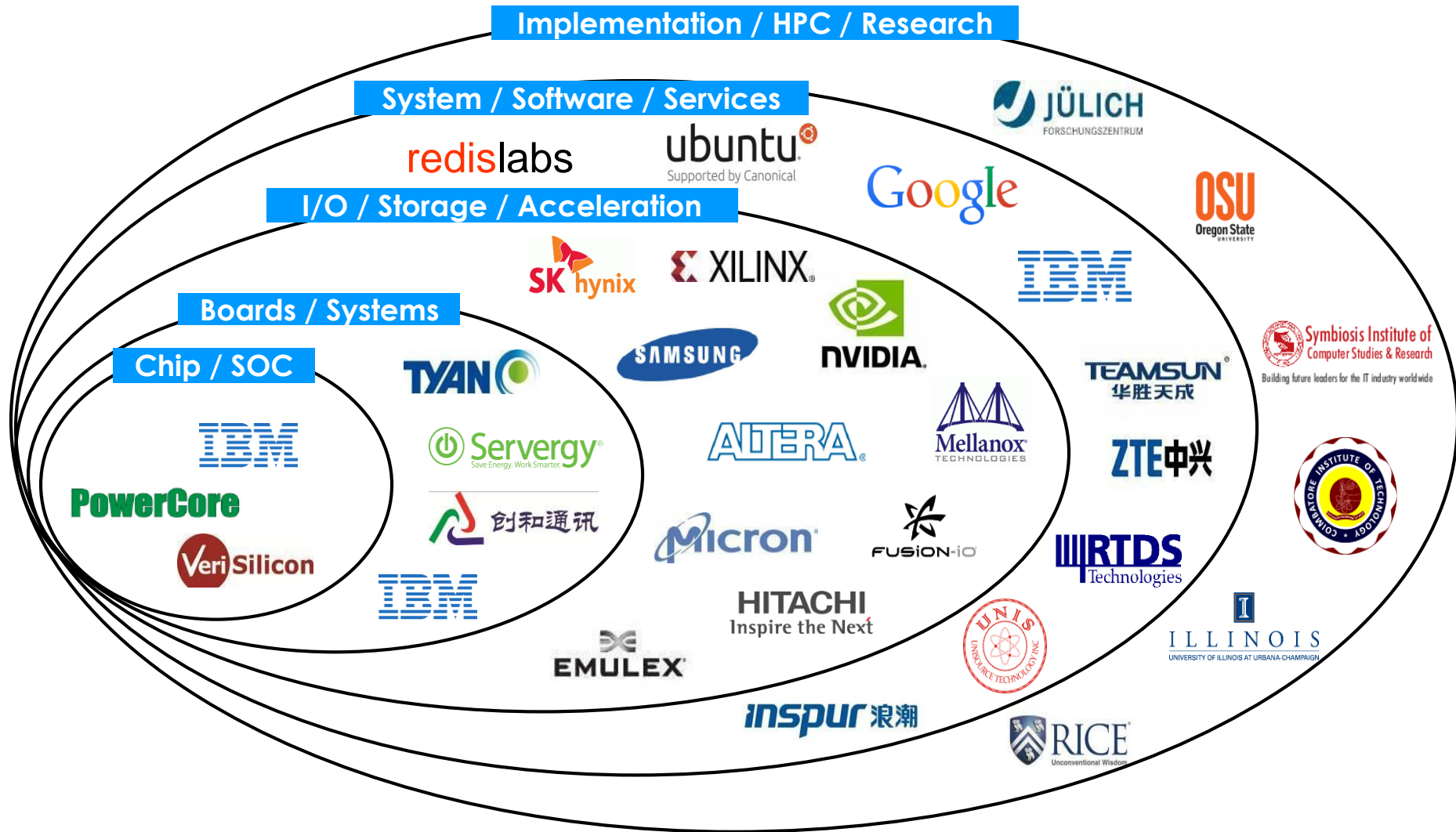
Multiple Options to Design with POWER Technology Within OpenPOWER



OpenPOWER Overview



Building collaboration and innovation at all levels



Welcoming new members in all areas of the ecosystem
100+ inquiries and numerous active dialogues underway

Thank you!

