What is RISC-V

• The open-source hardware Instruction Set Architecture (ISA)
• Started in 2010 at UC Berkeley
• Frozen base user spec released in 2014
• Fifth major RISC ISA design effort out of Berkeley

It is a Revolution!!
Why RISC-V

- Legacy ISAs Are Decades Old
- RISC-V Unlocks the Architecture & Enables Innovation
- RISC-V is Open Source
Benefits of RISC-V

- Simple
- Stable
- Clean Slate Design
- Designed for Extendibility / Specialization
- Modular
The RISC-V Foundation—Today

A non-profit corporation governed by a CEO and the board of directors

• Develop, ratify, and maintain the RISC-V ISA and related specifications

• Grow membership

• Create awareness
Areas of Focus Going Forward

- Standards / Specifications
- Ecosystem Growth
- Member Growth
- Compliance
- Awareness
- Education
- Investor Community
- Country Adoption
- Research

RISC-V Foundation
Standards / Specifications

• Adding full-time program management
• CEO oversight
• Involve tech writers early in the process to ensure readability
Ecosystem Growth

- Foundries
- Compilers / SW Dev Tools
- EDA Tools / Design Enablement
- IP Block Portfolios
- OS Support
- Simulators
Awareness

1 Major Annual Summit (San Jose) + 2 Workshops (Zurich & Taiwan)
  • Expecting to grow the number and size

15 One-Day events
  • U.S. (Milpitas, Irvine, Austin, Boston)
  • China (Beijing, Shanghai, Hanzhou, Shenzhen, Chengdu)
  • Europe (UK, Munich, Berlin, Paris, Tel Aviv, Estonia)

Sponsored webinars
  • Coming soon

Continue working with members on grass root initiatives
  • Meetups
  • Member held events
Education

- Develop Education Resources At All Levels
- Drive Adoption By Universities
- Develop Corporate Education Partnership Programs to Reach Students Globally
- Drive the Development of a Low Cost Board
- Develop a Training Certification Program
- Develop Online Training Modules
Value Proposition for Members

- Ability to drive standards and set direction on future specifications
- Marketability to a large client base
- Exposure to global markets
- Use of the RISC-V trademarks and logos
- Strong ecosystem for support
- Several RISC-V Foundation groups for support (technical, marketing, educational, etc.)
Join the Revolution

Stand above the crowd and innovate on your terms!!
Get Social

@risc_v
risc-v-foundation
riscv.org
For More Information

www.riscv.org
Backup
Scaling the RISC-V Foundation

• Newly created CEO position
• Partnership with the Linux Foundation
  - Leverage services and support
  - Enable synergies with other open source organizations
• Addition of more dedicated staff
Meetups (1,500+ Members)
Grass Roots Effort

Bay Area RISC-V Group
https://www.meetup.com/Bay-Area-RISC-V-Meetup/

Rocky Mountain Area RISC-V Group
https://www.meetup.com/Rocky-Mountain-Area-RISC-V-Group/

Austin Area RISC-V Group
https://www.meetup.com/Austin-Area-RISC-V-Group/

Israel RISC-V Meetups
https://www.meetup.com/Israel-RISC-V-meetups/

Cambridge RISC-V Meetup Group

Bristol RISC-V Meetup Group
https://www.meetup.com/Bristol-RISC-V-Meetup-Group/

Pune RISC-V Group
https://www.meetup.com/Pune-RISC-V-Group/

Vienna RISC-V Meetup
https://www.meetup.com/Vienna-RISC-V-Meetup/

Shanghai RISC-V Meetup
https://www.meetup.com/shanghai-riscv/

San Diego RISC-V Group
https://www.meetup.com/San-Diego-RISC-V-Group/