Welcome to the RISC-V CSC Wiki Home Page!

Use this page to find the most recent links to CSC content.

Bookmark this Wiki page. Do not bookmark the links below since they are subject to change without notice.

**CSC Links:**

- **CSC Charter**: Find this under Administrative folder under CSC files link above. v0.4 approved by BoD in their March 28, 2024 meeting.
- **CSC Operating Guidelines (Draft)**: Find this under Administrative folder under CSC files link above.
- **CSC Email List**: Uses RVI groups.io facility.
- **CSC Document Repository**: Presentations, minutes, administrative, etc. Currently using Google Drive.
- **CSC Meeting Recordings**: Contains links to Zoom recordings.
- **CSC GitHub**: CSC has its own GitHub "organization" with one or more "repositories". Other RVI GitHub "organizations". Add people for GitHub access - Need permissions or you'll get a 404 error.
- **CSC Voting Rights**: Record of attendance of Premier & Strategic members. Used to determine voting rights.
- **CSC Jira**: TBD - Still being setup.

**CSC-related Links:**

- **ACT (Architectural Compliance Tests)**: ACT SIG - Oversees development of ACT. ACT GitHub. Test format specification. ACT Tutorial (YouTube), Neel Gala & Pawan Kumar, NA Summit 2022.
- **Sail**:
  - Sail Language Documentation (also read Liquid Types).
  - Formal ISA Language Selection Committee (2019).
  - RVI Sail Survey Results (Jan 2024).
  - Sail Tutorial by Bill McSpadden (NA Summit 2022, YouTube, 1hr).
  - RISC-V Sail GitHub.
- **Development Partners**:
  - Volunteers from companies, universities, and research organizations reducing RISC-V's backlog of tests and test infrastructure.
  - Tracked in GitHub (All activity, Activity by state).
- **Compatibility Test Framework**:
  - Compares signature between two models and selects tests according to the model configuration
    - RISCOF (RISC-V Architectural Compatibility Test Framework) GitHub, Documentation
  - Uses the RISCV-CONFIG tool to select and configure tests to match implementation choices
    - Test Framework Configuration Tool (RISCV-CONFIG) GitHub, Documentation
- **Tools**:
  - Spike GitHub - RISC-V ISS
  - QEMU GitHub - Open-source ISS supporting many ISAs including RISC-V.
- **Profiles & Platforms**:
  - Extension Naming Convention
  - Profiles
    - RVA20, RVA22, & RV120 Profile Definitions & Naming Scheme
    - RVA23 Profile Definition
    - RVB23 Profile Definition
    - Profile Extensions - Shows which RISC-V extensions are in each profile
  - Platforms
    - RISC-V Server Platform GitHub
- **RISC-V Branding Guidelines**:
  - Current rules for using RISC-V trademark and logo
  - Platforms Policy - Preliminary and out-of-date
  - Profiles Policy - Last updated in 2021
  - ACT Policy - Last updated in Jan 2024.