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 Work Groups:
- Industry Survey documents
- ACT Assessment documents
- SAIL Assessment documents

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 Tutorial (YouTube), Bill McSpadden, NA Summit 2022

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

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- Platforms Policy - Preliminary and out-of-date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

Tools
- SAIL GitHub - Model of RISC-V ISA written in SAIL language
- Spike GitHub - RISC-V ISS
- QEMU GitHub - Open-source ISS supporting many ISAs including RISC-V
- Golden Model SIG - Manages additions to SAIL model and related output

TSC Organizational
- Getting Started in RISC-V International
- Technical Meetings (Google Calendar)
  - Shows all technical meetings with Zoom information
  - Instructions in how to import into Google/Outlook are here
- RISC-V Disclosures Video - Played at beginnings of RVI TSC & CSC meetings by host

TSC Specifications
- ISA Specifications
- Non-ISA Specifications
- 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

TSC Status

- Status of Specifications (migrating to JIRA)
- Status of Work Groups
- Recently Ratified Extensions
- Technical Newsletter (bi-weekly)
- Activity of Technical Groups