RISC-V Landscape
1.0

https://riscv.org/

Greyed logos are not open source

Applications

Applications

APACHE, Apache Solr, ceph, GROMACS, INTRINSIC ID, LibreOffice, MediaWiki, MNN, MySQL, NAMD, NGINX, nvme-oF, ONNC, OPEN AI LAB, ONNX, OvS Open vSwitch, PEAKHILLS, redis, SSH, TLS, TrustKernel, Veridify Security, VxWorks, WRF, WordPress

Libraries

Libraries

BLIS, Caffe, FFmpeg, FFTW, flac, Green Hills Software, gstreamer, musl libc, OpenBLAS, OpenCV, OpenMP, OpenSSL, opus, PerfXLab, PyTorch, SEGGER, speex, TF, WebRTC, wolfSSL

Infrastructure

Infrastructure

docker, GO, M

Runtimes

Runtimes

DPDK, Jupiter, OpenJDK, php, Python, SEGGER, WasmEdgeRuntime

Operating Systems

Operating Systems

Alibaba Dragonwell, AliOS Things, alpine Linux, Android, THREADX, Buildroot, Canonical Ubuntu, debian, embOS, freedesktop, FreeBSD, freeRTOS, Green Hills Software, HAIKU, Linux, fentISS, OpenBSD, OpenEuler, openSUSE, PROVENRUN, PX5 RTOS, RT-Thread, sel4, SylixOS, SYSGO, yocto PROJECT, ZAYA, Zephyr

Hypervisor

Hypervisor

KVM, SALUS, fentISS, Xvisor, ZAYA

Boot

Boot

BBL, coreboot, U-Boot, OpenSBI, OREBOOT, tianocore

Design Tools, Compilers and Verification

Design Tools, Compilers and Verification

ASHLING, ChipFlow, codeplay, cortus FOUNDING, Cycuity, ECLIPSE FOUNDATION, EMBECOSM, GDB, gem5, GCC, gprof, Green Hills Software, IAR SYSTEMS, imperas, Jenkins, LAUTERBACH, EMU, RENODE, RISC V, Sail, SEGGER, SIEMENS, Sparta, SPIKE, Tera Pines 兆松科技, TGC-VP, TinyEMU, tvm, Valtrix Systems

Services

Services

antmicro, ASHLING, Cloud, cortus FOUNDING, EMBECOSM, Emproof, imperas, MINRES, VORTEX CoLab, Scaleway, SIEMENS

Implementations

IP

AIRISC, ANDES TECHNOLOGY, CHIPS ALLIANCE, CloudBEAR, cortus FOUNDING, DCD DIGITAL CORE DESIGN, StarFive 赛昉科技, Imagination, incore, lowRISC FOUNDING, MINRES, NEORV32, FRONT GRADE Gaisler, 芯来科技 NUCLEI, OPENHW, semidynamics, SERV, SiFive FOUNDING, tenstorrent, VENTANA MICRO, RV32

Single Board Computers

ALLWINNER, cortus FOUNDING, SiFive FOUNDING, MANGOPI, sparkfun, StarFive 赛昉科技

Accelerators

cortus FOUNDING, esperanto.ai FOUNDING, incore, Think Silicon, tenstorrent, UNTETHER AI, ztachip

Chips + Processors

AIRISC, Alibaba Cloud, cortus FOUNDING, incore, StarFive 赛昉科技, NEORV32, FRONT GRADE Gaisler, RENESAS, SiFive, tenstorrent, VENTANA MICRO, XMOS

HPC Systems

E4 COMPUTER ENGINEERING

RISC-V Programs

RISC-V Programs

RISC-V ADVOCATE, RISC-V ALLIANCE, RISC-V COMPATIBLE, RISC-V Developer Boards, RISC-V DEVELOPMENT PARTNER, RISC-V LANDSCAPE, RISC-V LEARN

RISC-V LANDSCAPE

RISC-V

This landscape is intended to provide insight into the rich RISC-V Ecosystem available today. Further details on RISC-V Software Ecosystem Status available at https://sites.google.com/riscv.org/software-ecosystem-status.