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, KTrustKernel, Veridify Security, VxWorks, WRF, WordPress

Libraries

Libraries: BLIS, Caffe, FFmpeg, FFTW, flac, Green Hills Software, gstreamer, musl libc, OpenBLAS, OpenCV, OpenMP, OpenSSL, opus, PerfXLab 澎峰科技, 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, Android, ThreadX, Buildroot, Canonical Ubuntu, debian, embOS, FreeBSD, freeRTOS, Green Hills Software, HAIKU, Linux, fentISS, OpenBSD, OpenEuler, openSUSE, SYSGO, ProvenRun, PX5 RTOS, RT-Thread, sel4, SylixOS, 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, Codasip, codeplay, cortus, Cycuity, ECLIPSE FOUNDATION, EMBECOSM, GDB, gem5, GCC, gprof, Green Hills Software, iar, imperas, Jenkins, LAUTERBACH, QEMU, RENODE, RISC V, Sail, SEGGER, Sparta, SPIKE, Tera Pines 兆松科技, TGC-VP, TinyEMU, tvm, Valtrix Systems

Services

Services: antmicro, ASHLING, Cloud, cortus, EMBECOSM, emproof, imperas, MINRES, VORTEX CoLab, Scaleway, SIEMENS

Implementations

IP: AIRISC, ANDES TECHNOLOGY, CHIPS ALLIANCE, CloudBEAR, Codasip, cortus, DCD Digital Core Design, StarFive 赛昉科技, Imagination, incore, lowRISC, MINRES, NEORV32, FRONT GRADE Gaisler, 芯来科技 NUCLEI, OPENHW, Cemidynamic, SERV, SiFive, Syntacore, tenstorrent, VENTANA MICRO, RV32

Single Board Computers: ALLWINNER, cortus, SiFive, MANGOPI, sparkfun, StarFive 赛昉科技

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

Chips + Processors: AIRISC, Alibaba Cloud, cortus, 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.