



Discord

The Road to Making openEuler a RISC-V Server Platform Distro

YanJun Wu, Sheng Qu and Jingwei Wang

»» About Us

OpenAtom openEuler is an open-source OS for digital infrastructure that fits into any server, cloud, edge, and embedded environment.

The RISC-V SIG, led by the Institute of Software, Chinese Academy of Sciences (ISCAS), drives growth in the openEuler RISC-V software ecosystem, with a focus on HPC and server environments.

»» Hardware Support

LicheePi 4A Adaptation



Adapt TH1520 GPU and VPU for hardware decoding, supporting smooth 4K video playback.

Pioneer Box Adaptation

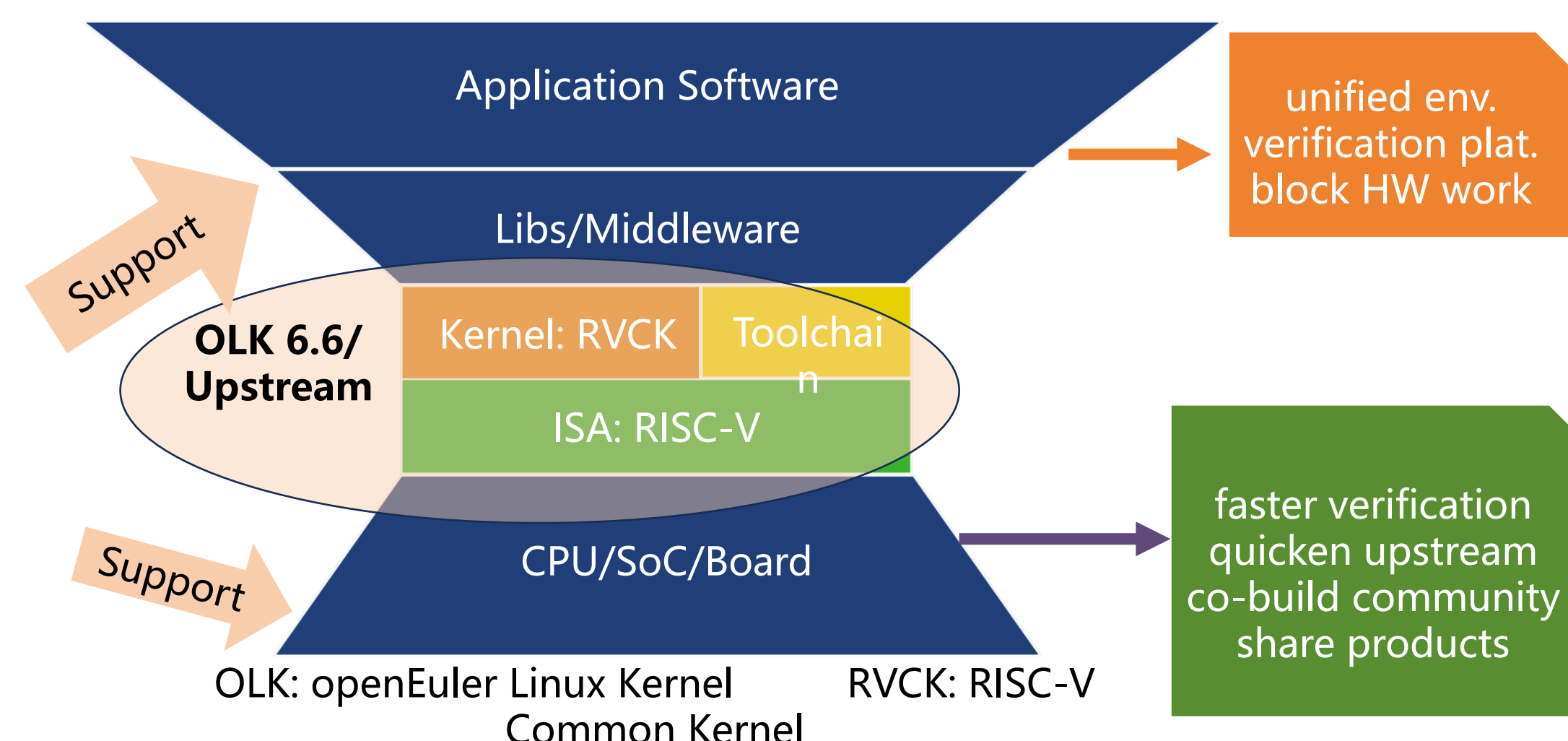


Adapt SG2042 for native RISC-V compilation, accelerating large software package builds like the Linux Kernel by over 5 times.

»» Contact Info

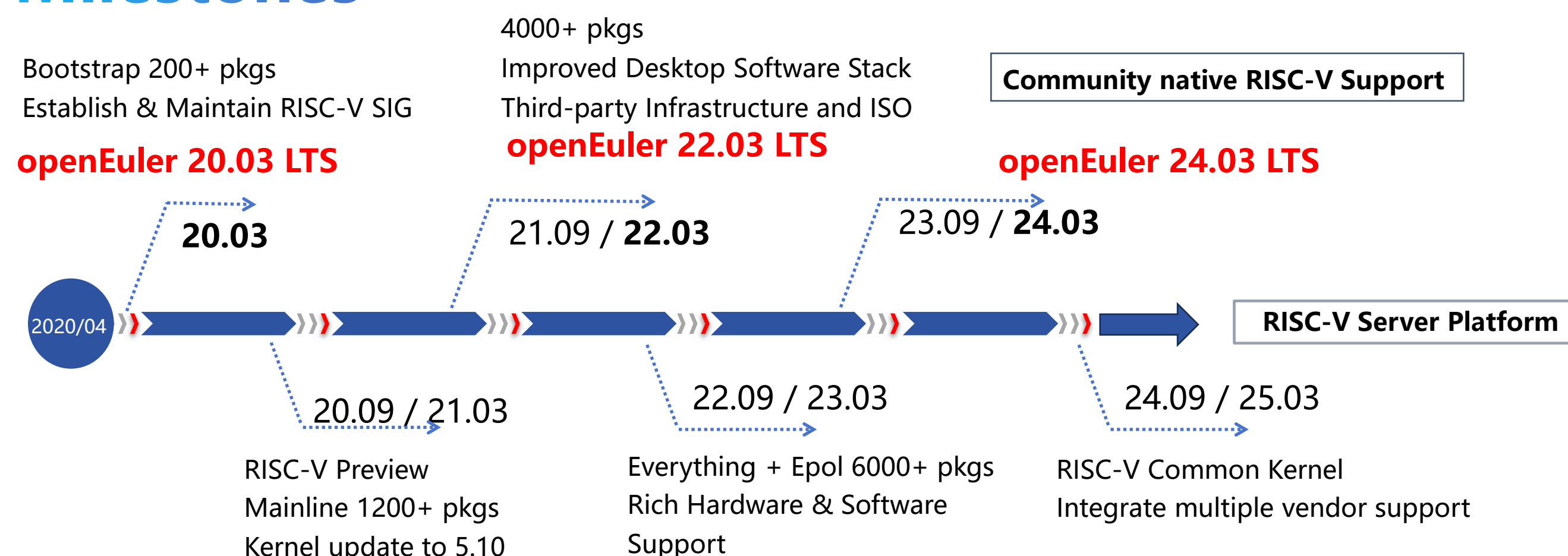
Github: <https://github.com/openEuler-RISCV>
Email: wangjingwei@iscas.ac.cn
Download: <https://www.openeuler.org/en/download>
Build Service: <https://build.tarsier-infra.com>

»» RISC-V Common Kernel Project



Unify baseline to benefit upstream and downstream ecosystems

»» Milestones



»» Infrastructure

