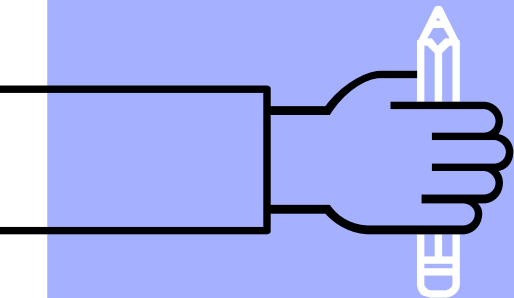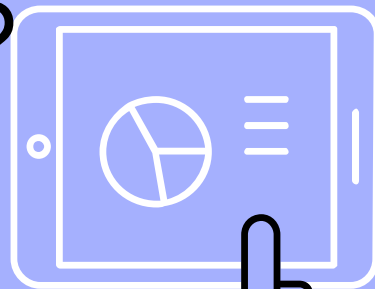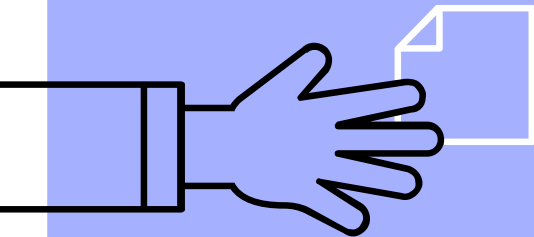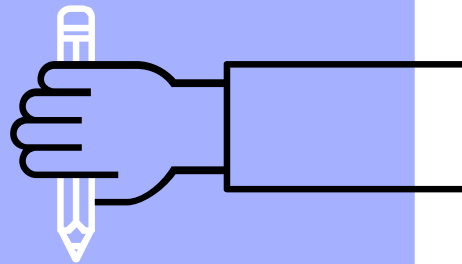What's openEuler?

> A community is a social unit (a group of living things) with commonality such as norms, religion, values, customs, or identity. Communities may share a sense of place situated in a given geographical area (e.g. a country, village, town, or neighbourhood) or in virtual space through communication platforms.
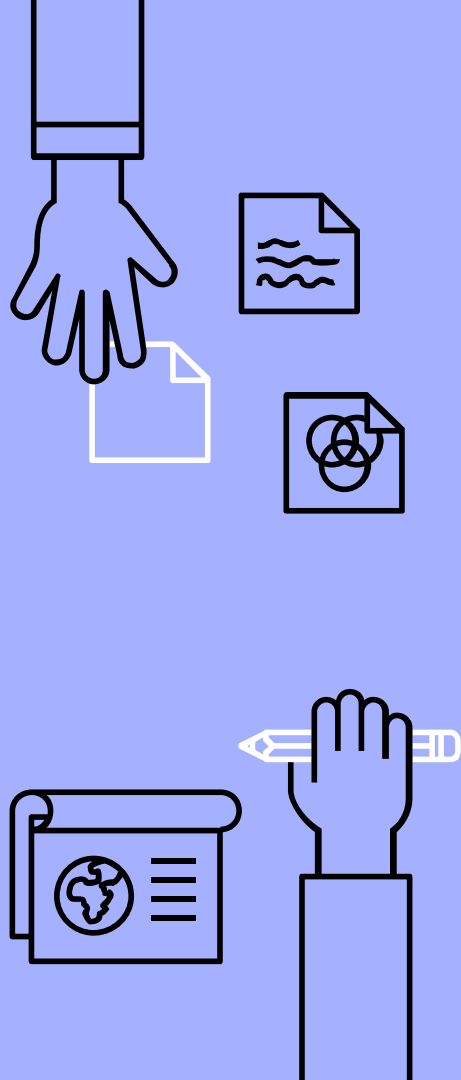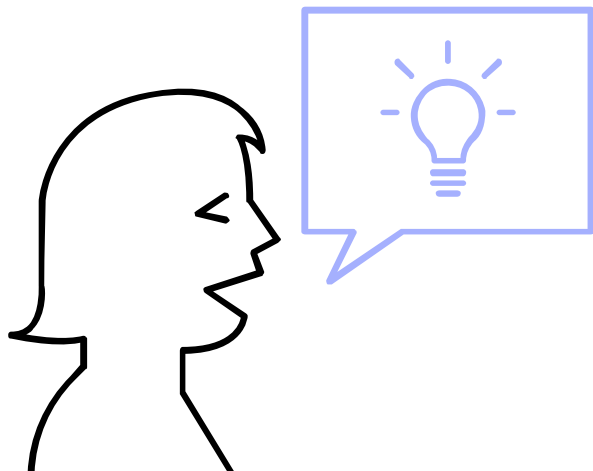
openEuler
Community

What's openEuler?

openEuler is an open source, free Linux distribution platform. The platform provides an open community for global developers to build an open, diversified, and architecture-inclusive software ecosystem. openEuler is also an innovative platform that encourages everyone to propose new ideas, explore new approaches, and practice new solutions.

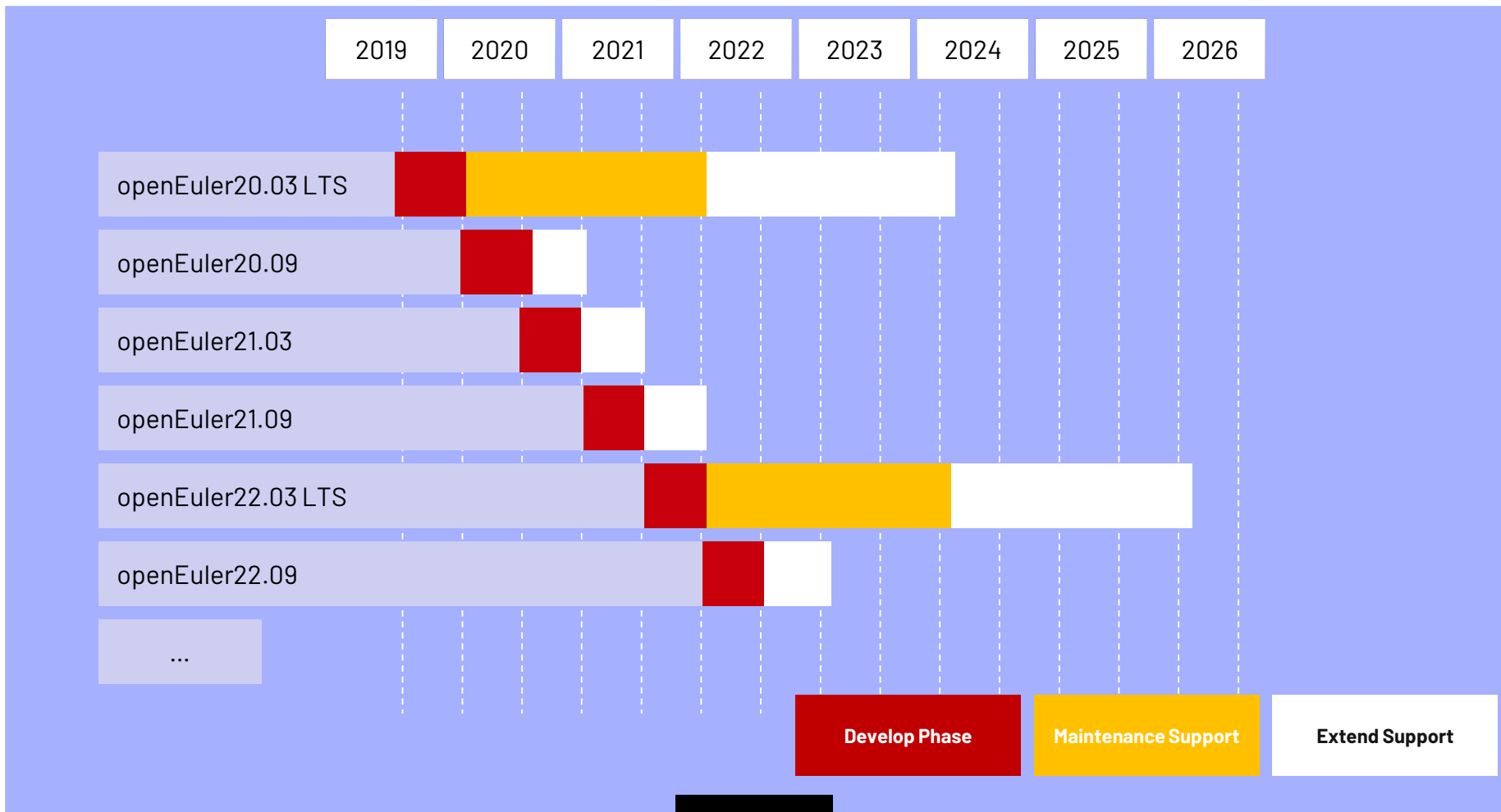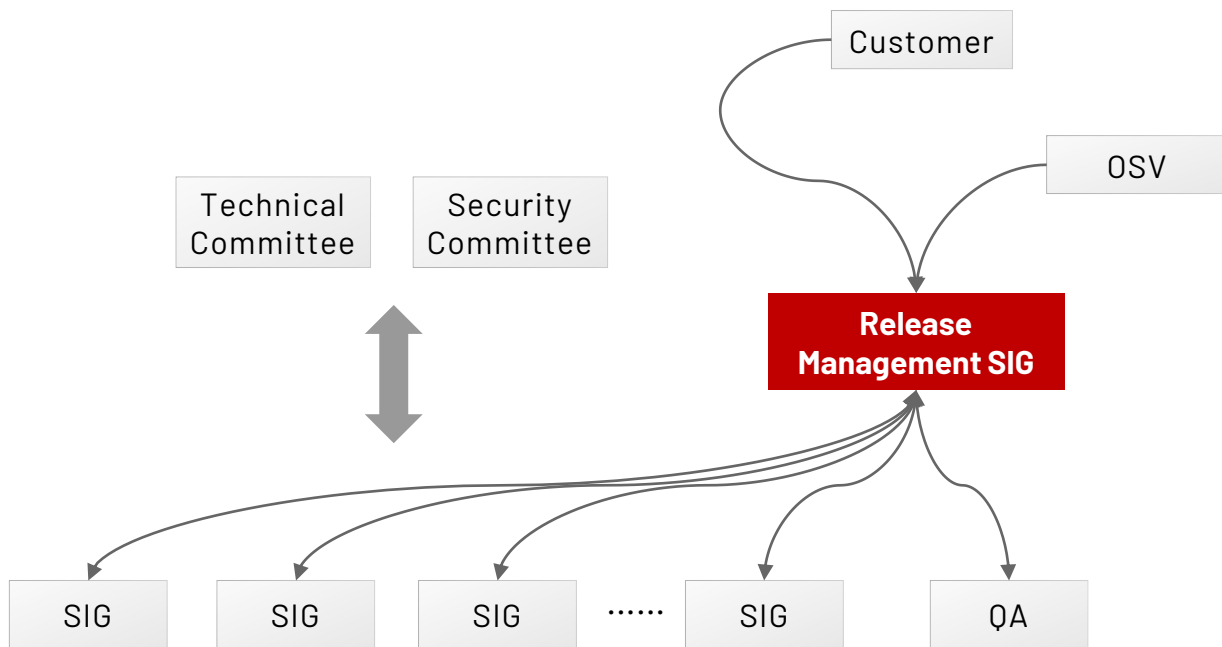More info on openEuler at https://space.bilibili.com/527064077

An open source, free Linux distribution platform
https://gitee.com/src-openeuler

An innovative platform
https://gitee.com/openeuler

Governance of openEuelr
Specifical Interest Group + Technical Committee

openEuler Lifecycle Gantt chart showing release timelines from 2019 to 2026.

	2019	2020	2021	2022	2023	2024	2025	2026

- openEuler20.03 LTS
- openEuler20.09
- openEuler21.03
- openEuler21.09
- openEuler22.03 LTS
- openEuler22.09
- ...

Legend: **Develop Phase** · **Maintenance Support** · **Extend Support**

Customer

OSV

Technical Committee

Security Committee

Release Management SIG

SIG

SIG

SIG

······

SIG

QA

Release Management SIG

7

openEuler 20.03
3000+ Packages ⇨ openEuler 20.09
6000+ Packages

More Interesting Things

Container Layer

Virtualization Layer

Kernel&Libs

920
Chipset
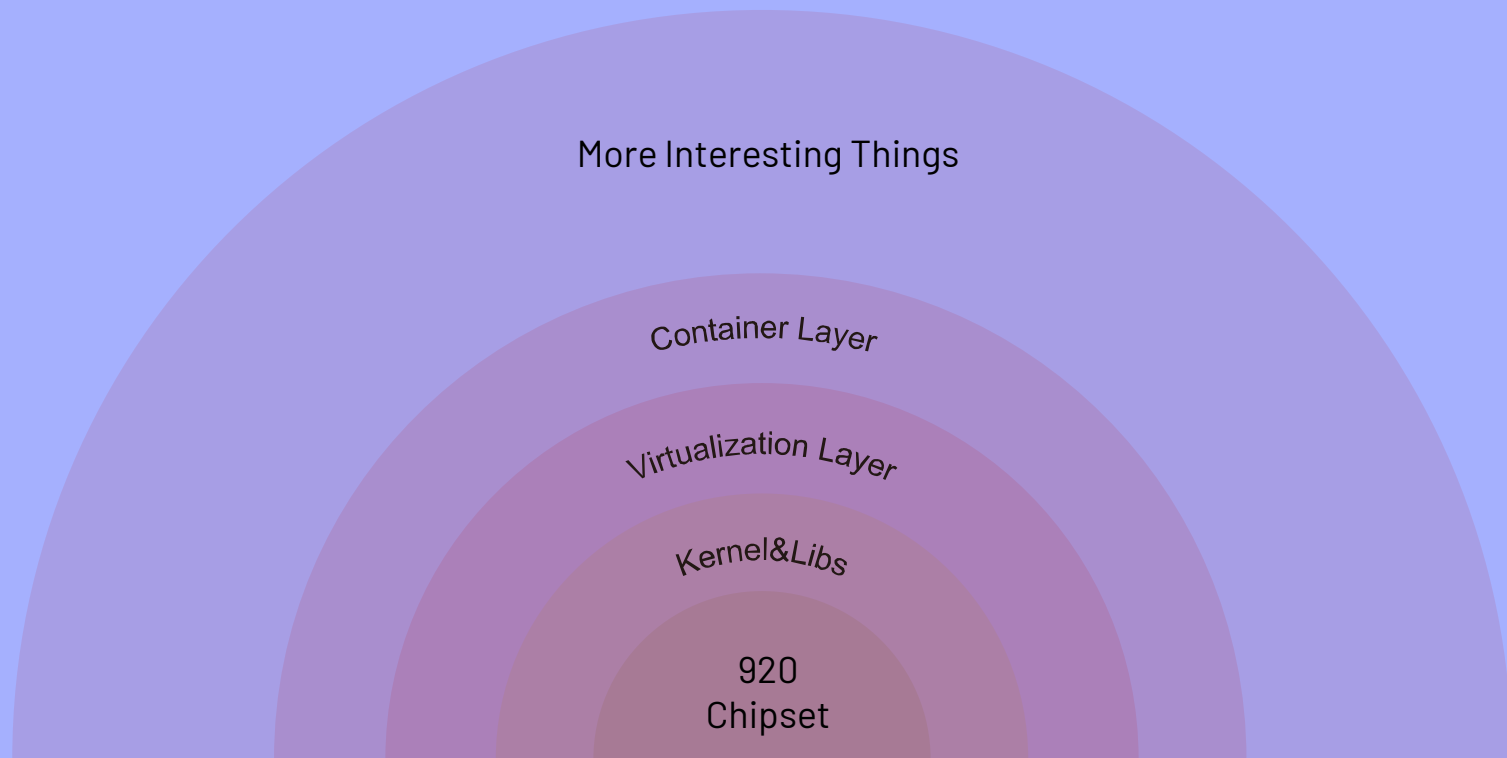
How to run openEuler aarch64?

1. Peng Cheng Laboratory

https://openeuler.org/zh/blog/fred_li/2020-03-25-apply-for-vm-from-pcl.html
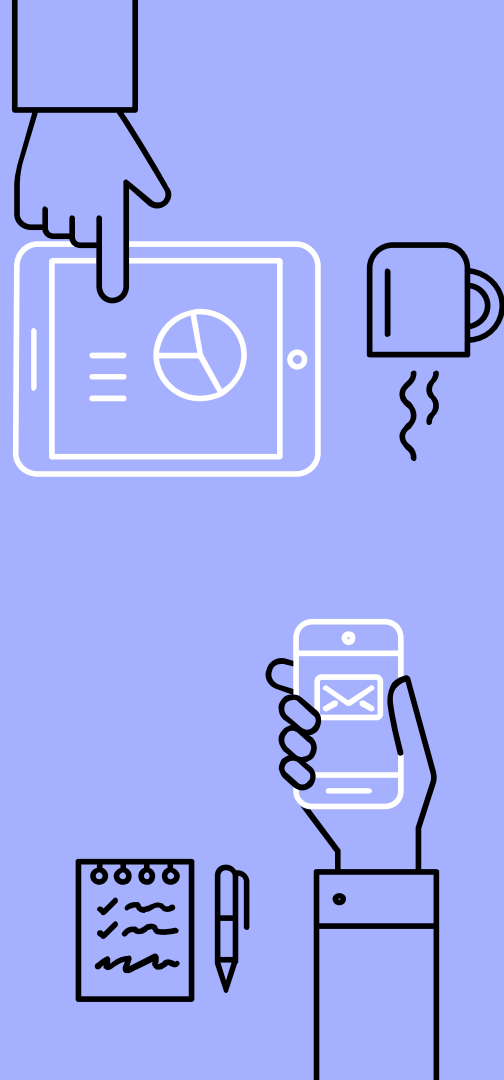
2.Huawei Cloud

Hong Kong Region

Beijing Region

3.Raspberry Pi

https://openeuler.org/zh/blog/woqidaideshi/2020-05-25-raspberrypi-userguide.html

https://gitee.com/openeuler/raspberrypi

4.Huawei Taishan and Powerleader

How to involve openEuler?

- ▷ CLA [1]
- ▷ MulanPSL - 2.0 [2]
- ▷ Issue [3]
- ▷ PR to fix bugs
- ▷ Contribute packages

[1] https://openeuler.org/en/cla.html
[2] https://opensource.org/licenses/MulanPSL-2.0
[3] https://gitee.com/openeuler/community-issue/issues
[4] https://openeuler.org/zh/blog/myeuler/2020-5-13-openEuler-Travel.html
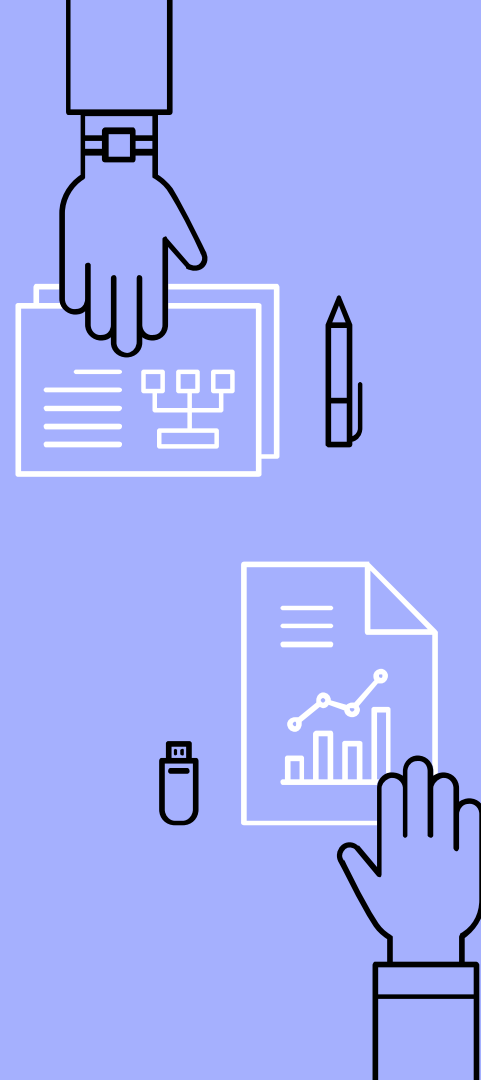
YOU CAN ALSO JOIN OUR EVENTS [3]

College Students

Summer 2020 [1]

GREEN LEAGUE 2020

openEuler 2020 College Developer Competition

Developers

openEuler Summit [2]
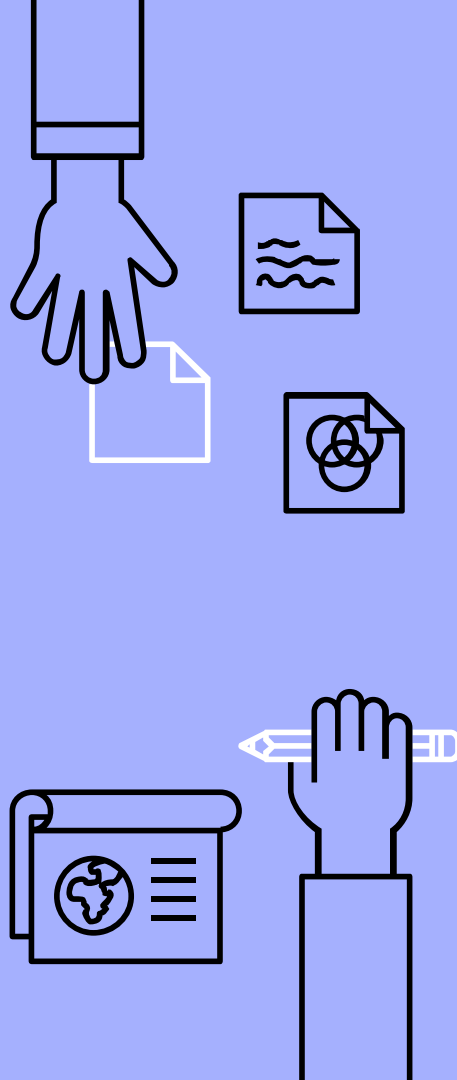
Offline Meetup

F2F Private Meeting

openEuler Summit - Beijing
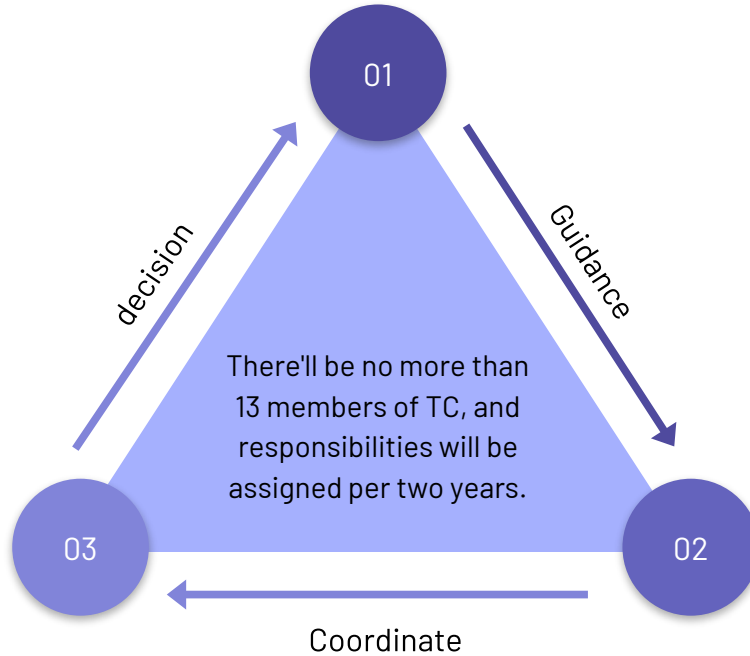
openEuler Workshop - Hangzhou

[1] https://openeuler.org/zh/events/20200607.html
[2] https://space.bilibili.com/527064077/channel/detail?cid=121715
[3] https://openeuler.org/zh/interaction/salon-list/

OUR CONTRIBUTOR JOURNEY

Community

SIG

TC

TECHNICAL COMMITTEE

01

02

03

decision

Guidance

Coordinate

There'll be no more than 13 members of TC, and responsibilities will be assigned per two years.

MULTIPLE ARCHITECT

- ▷ x86_64
- ▷ aarch64
- ▷ RISC-V
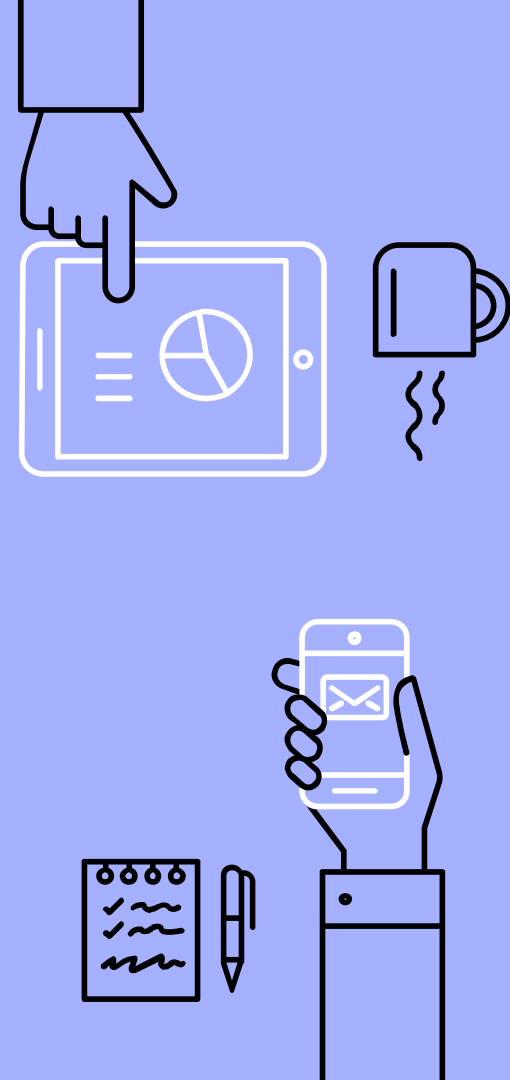
Idea

Incubating

- ▷ iSula
- ▷ StratoVirt
- ▷ A-Tune

K8s

Docker

iSulad

Kata

QEMU

StratoVirt

Container

Container

Container
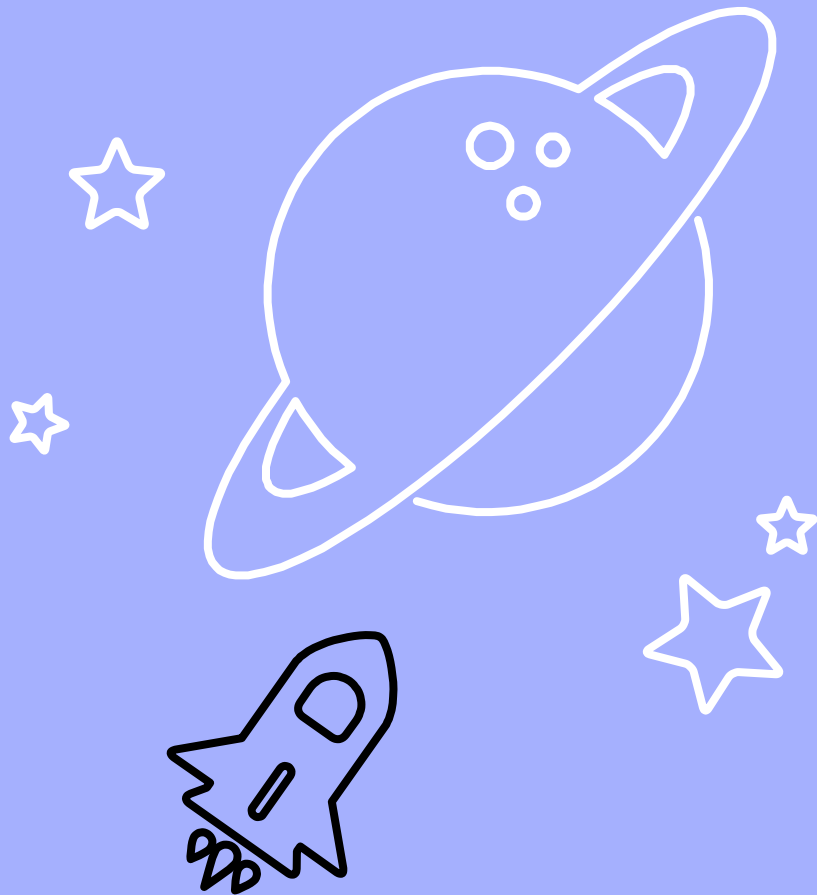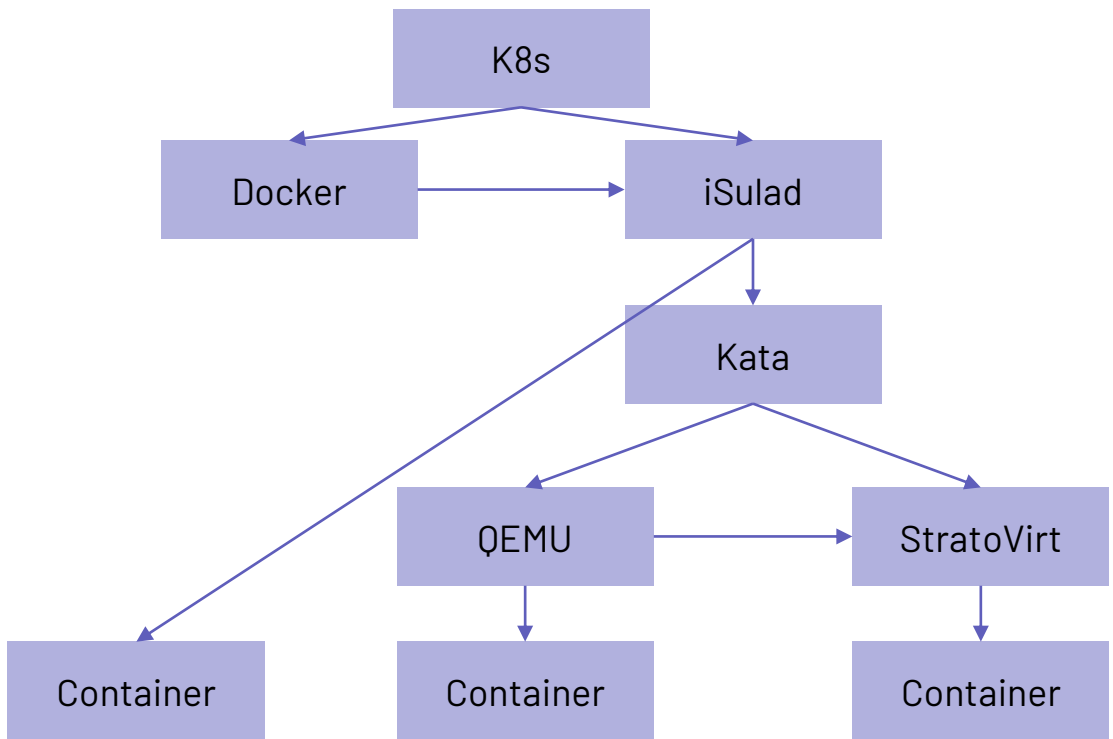
iSula + StratoVirt

secGear Service Layer

secGear Middleware Layer

secGear Base Layer
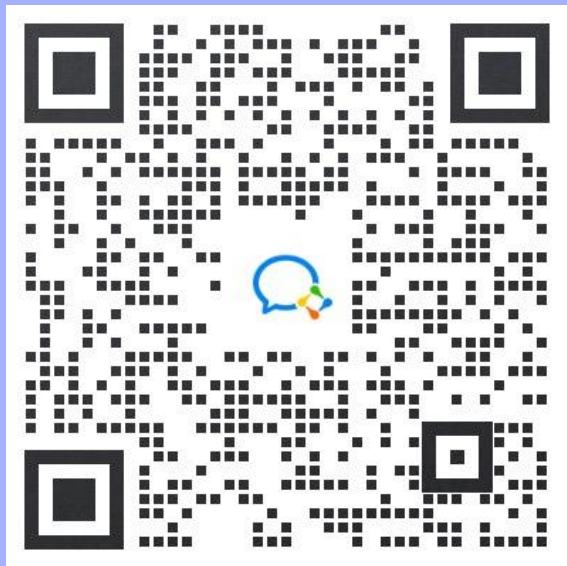
secGear Host Unified APIs

secGear Enclave Unified APIs

Intel
SGX

RISC-V
Keystone

ARM
TrustZone

secGear
Framework

https://www.oschina.net/2020-openeuler

THANKS!

Any questions?

You can find me at:

@genedna

eli@patch.sh