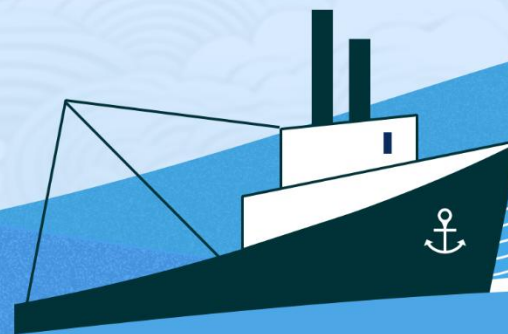


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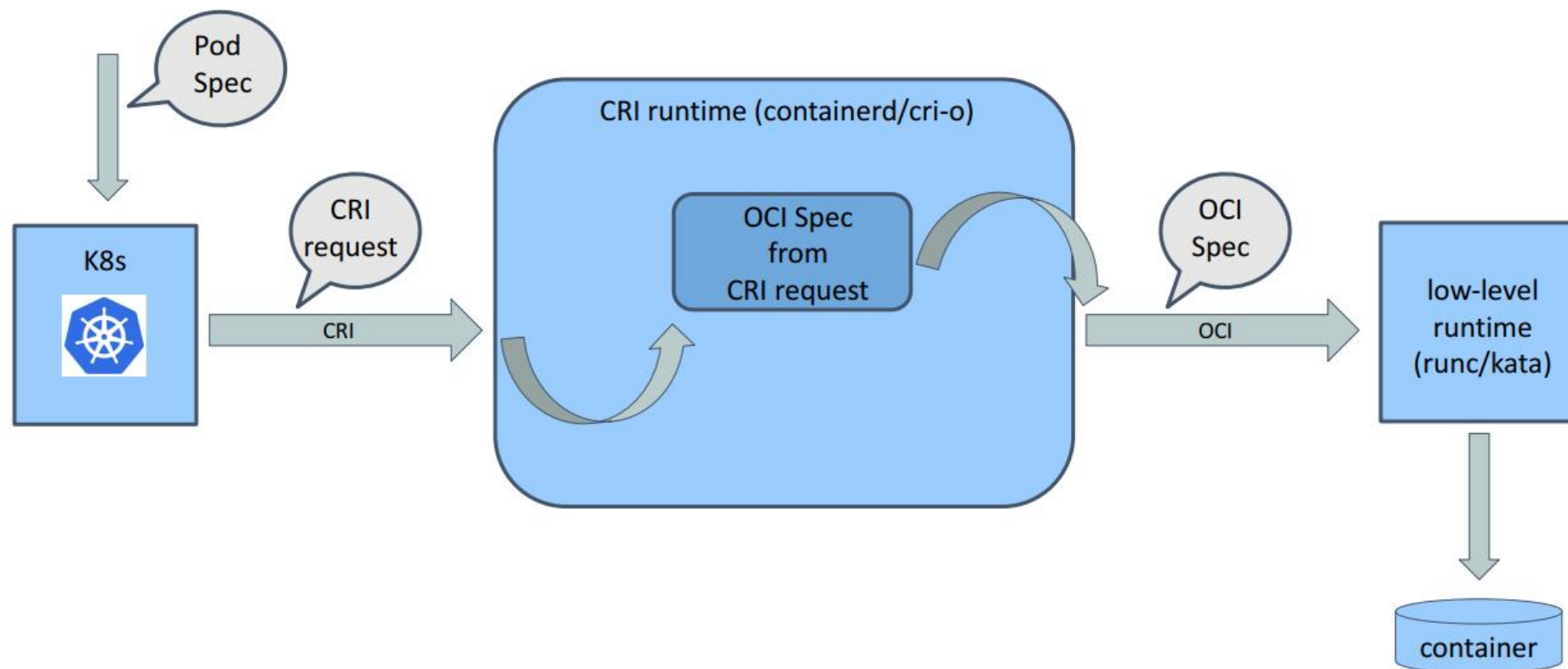
CNCF Resource Management NRI

杨爱林 Intel

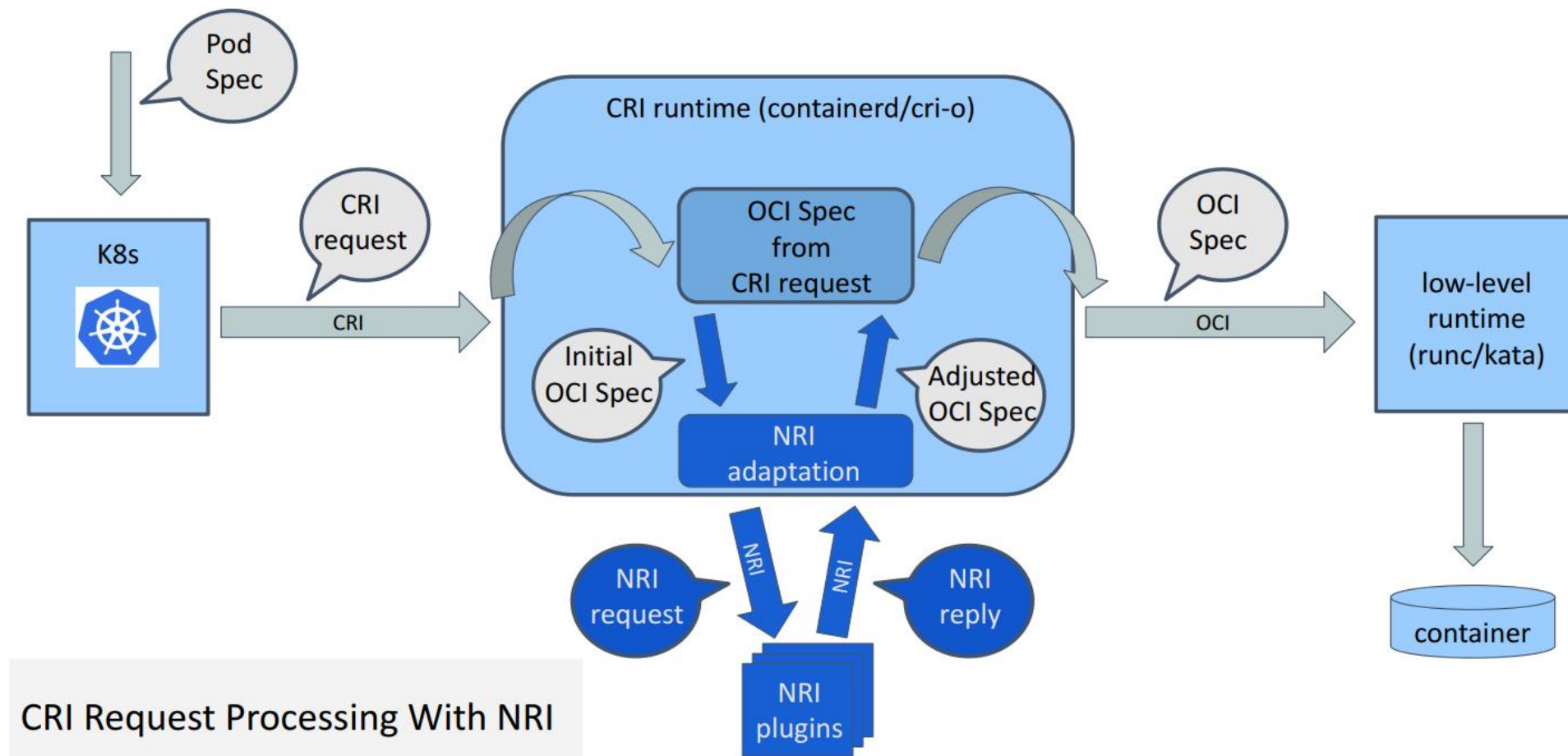


Node Resource Interface

Which is a common plugins mechanism to extending Containerd and CRI-O



CRI Request Processing



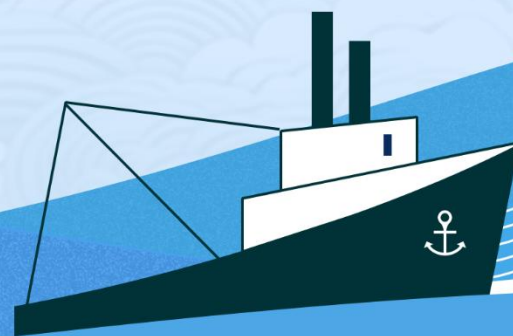
Call For Actions

- Join community to discuss and contribute
- Try NRI plugins and develop yours

NRI Artifacts:

- <https://github.com/containerd/nri/pull/16>
- <https://github.com/containerd/containerd/pull/6019>
- <https://github.com/cni/cni/pull/5318>
- <https://github.com/containerd/nri-plugins>

Thanks.



Example user cases to showcase

- Flexible resource management: capable of implementing all types of "CPU binding" scenarios;
- Hook injection for container runtime: capable of using OCI-Hooks capability in ContainerD to implement CRI-O functionality
- Convenient logging and debugging: With NRI, a subset of container attributes is easy to see and can be introspective
- Safety introspection and execution
- Implement and verify runtime extensions, such as when the container is running, and want to make some changes to support confidential computing