

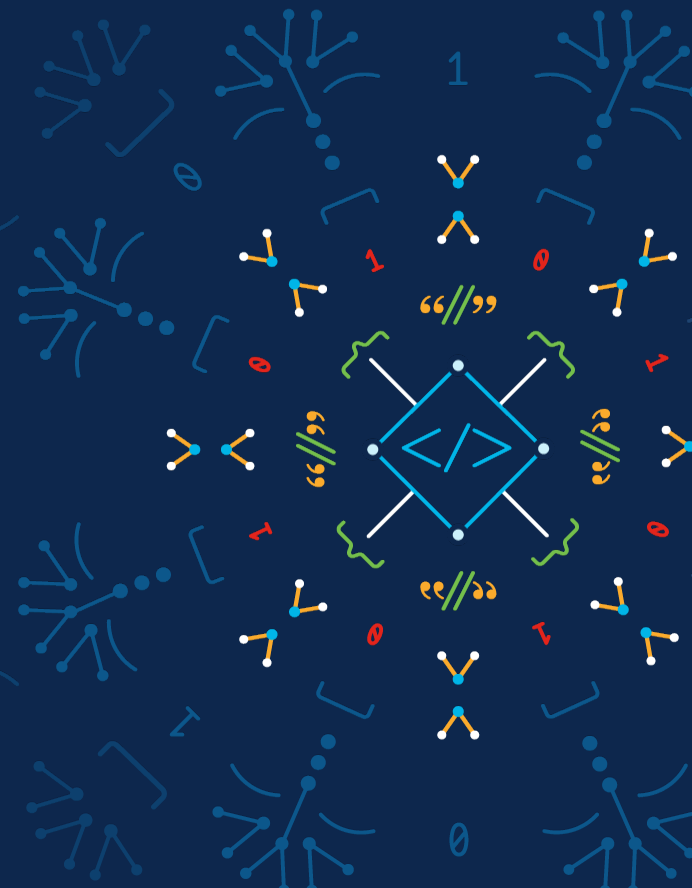
Developing services for NSO 6.X

Designing services for concurrency

Jakob Svenningsson

Software Developer in NSO core team

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A new concurrency model

Optimistic concurrency

- Allows running services in **parallel**
- Services might **conflict**

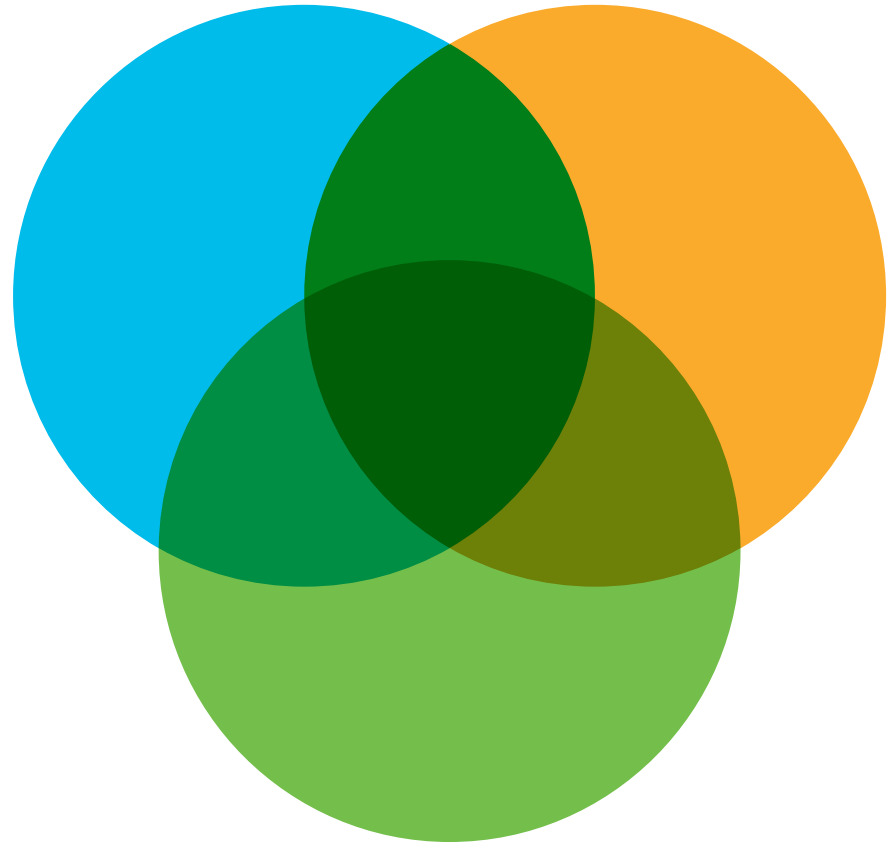
Designing services for concurrency

- All data accesses need to be thread safe
- Service code need to be idempotent

Avoiding service conflicts

Avoid dependent services.

Prefer disjunct services.



Demo



Would you like to know more?

- New concurrency example in:
 - *examples.ncs/*
 - *development-guide/*
 - *concurrency-model/perf-trans*
(NSO 6.0.1)
 -
- NSO Concurrency Model Documentation:
<https://developer.cisco.com/docs/nso>
(NSO Guides -> Development guide)