

IEEE P802.1 Qcw/D0.0 YANG Data Models for TSN

Status Report

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First draft available

<http://www.ieee802.org/1/files/private/cw-drafts/d0/802-1Qcw-d0-0.pdf>

SCHEDULED TRAFFIC:

- ✓ UML model
- ✓ YANG module
- × YANG tree

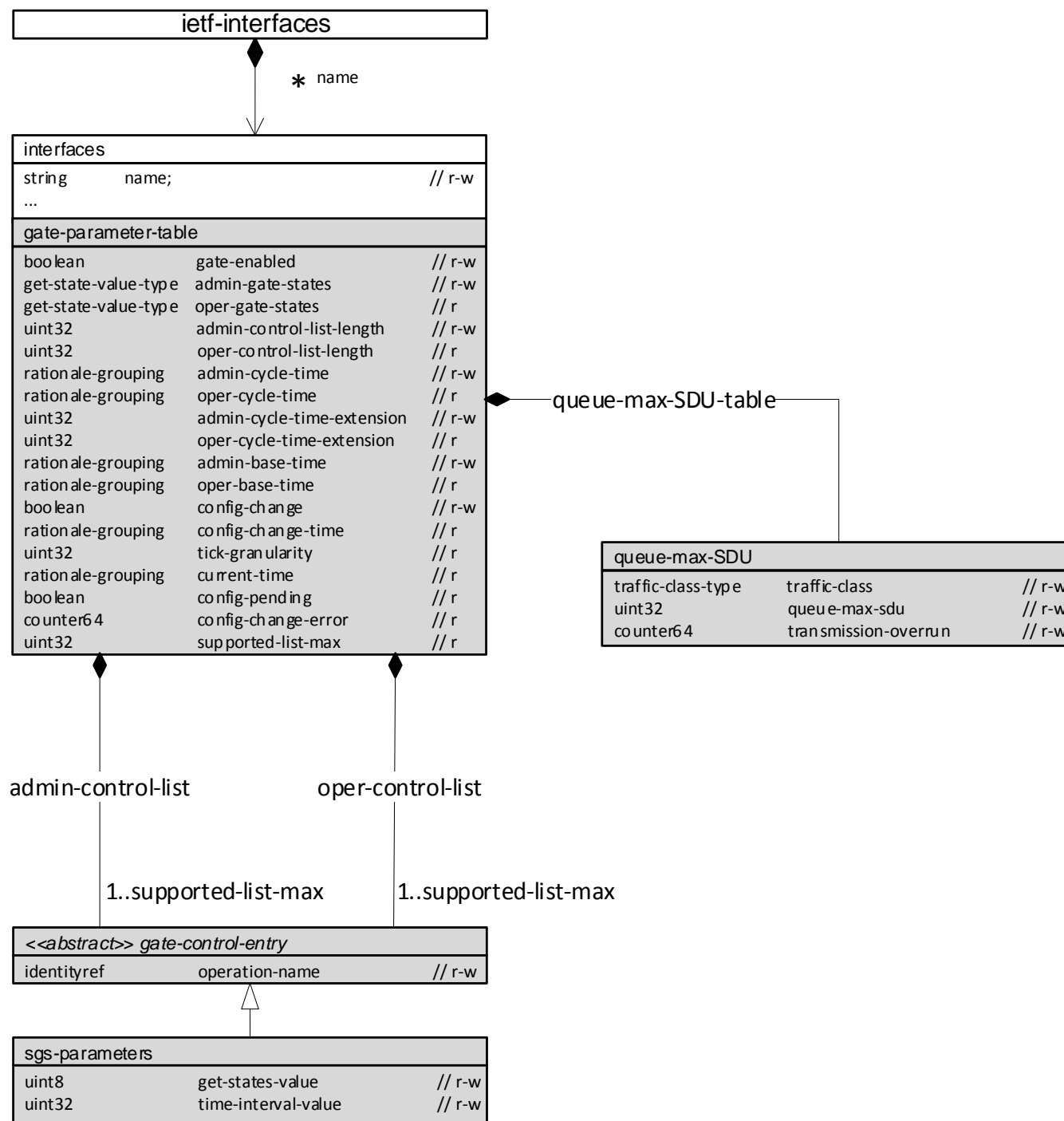
FRAME PREEMPTION:

- ✓ UML model
- ✓ YANG module
- × YANG tree

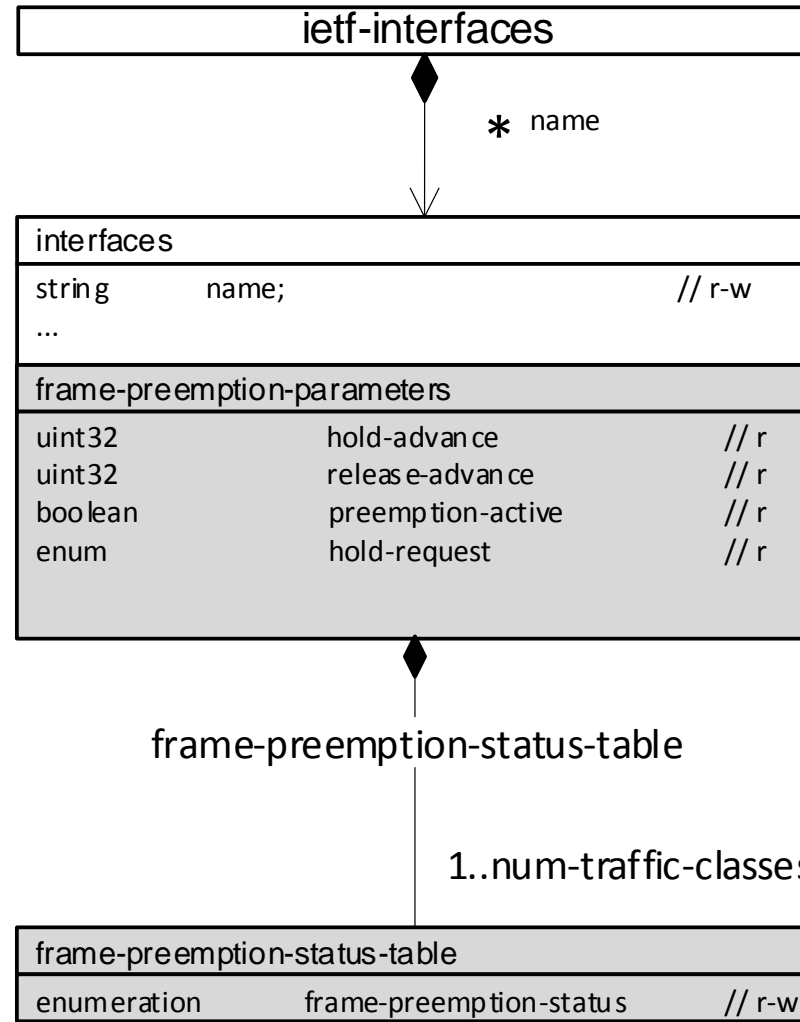
PER-STREAM FILTERING POLICING:

- × UML model
- × YANG module
- × YANG tree

Scheduled Traffic UML Model



1..num-traffic-classes



Scheduled Traffic

Based on Rodney Cummings' Model

<https://github.com/YangModels/yang/blob/master/standard/ieee/802.1/draft/ieee802-dot1q-sched.yang>

Frame Preemption

<https://github.com/YangModels/yang/blob/master/standard/ieee/802.1/draft/ieee802-dot1q-preemption.yang>

Per-Stream Filtering and Policing

Johannes Specht's Contribution

- Stream Filter and Stream Gate (currently in Qcr)

<https://github.com/YangModels/yang/blob/master/standard/ieee/802.1/draft/ieee802-dot1q-stream-filters-gates.yang>

- PSFP

<https://github.com/YangModels/yang/blob/master/experimental/ieee/802.1/ieee802-dot1q-psfp.yang>



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