

A YANG Data Model for Layer 0 Types - Extension

[draft-esdih-ccamp-layer0-types-ext-00](#)

Co-authors (frontpage):

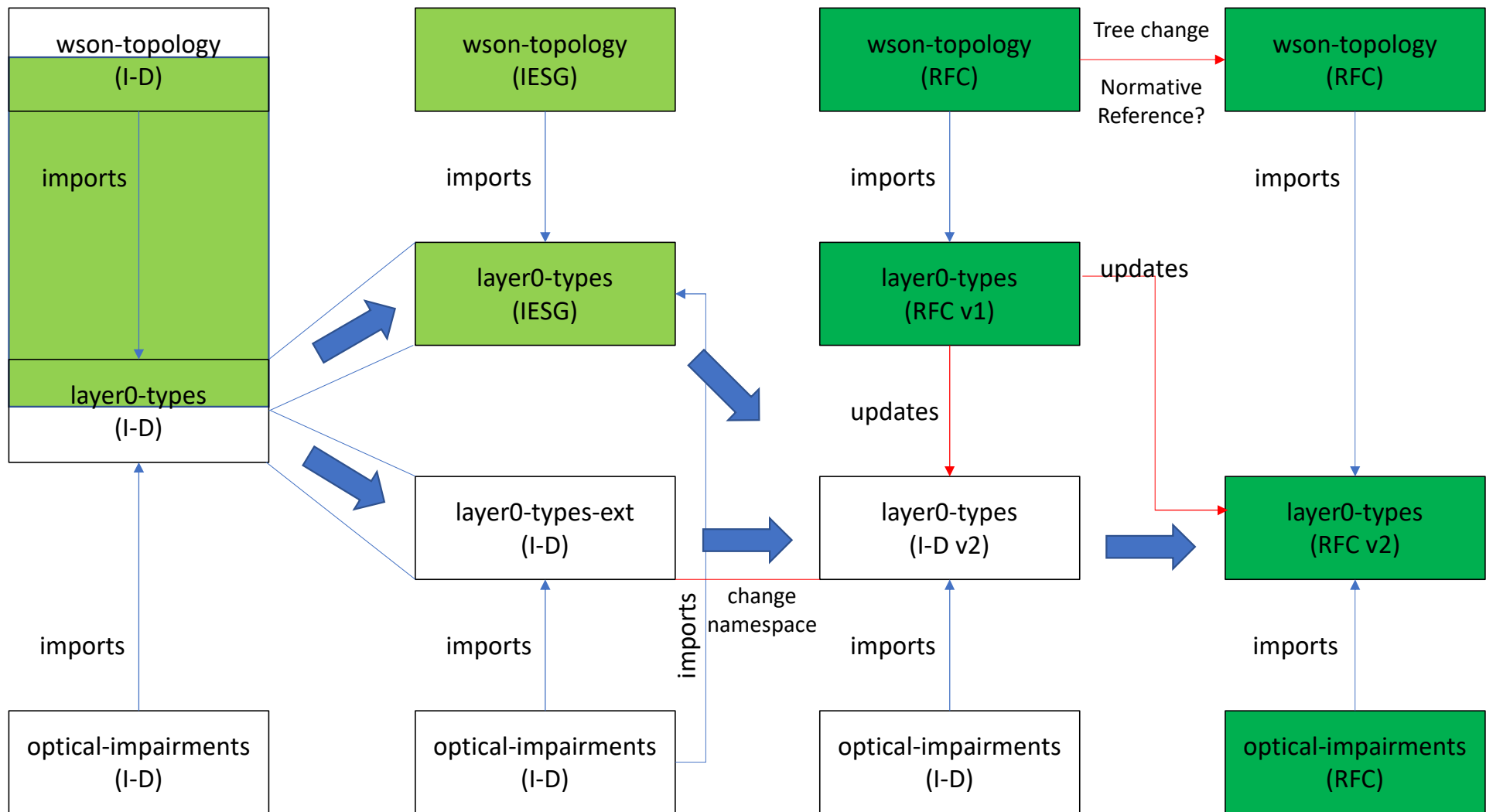
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Scope of the new document

- [draft-ietf-ccamp-layer0-types-09](#) has been reduced in scope, before publication, to only cover spectrum management related aspects required for the YANG module ietf-wson-topology defined in draft-ietf-ccamp-wson-yang.
- This document complements the content of “layer0-type” reconciling the different transponder models (WSON, flexgrid, dwdm-if-param, optical impairments) present in CCAMP using common YANG structures and definitions (typedefs, identities, groupings).
- The life cycle of this draft will be in parallel of draft-ietf-ccamp-layer0-types and will be updated with the content of layer0-type as soon as it will reach publication as well as wson-topology draft, changing the name as layer0-type . (see next slide for reference)



What can happen for other L0 drafts

- Other L0 drafts can follow the same path as wson-topology and optical-impairment-topology
- Flexgrid-topology ([draft-ietf-ccamp-flexigrid-yang-09](#)) is a pretty stable version we can think that it could follow the same path as wson-topology , using layer0-type-v1 in the process to become RFC
- Flexgrid-tunnel ([draft-ietf-ccamp-flexigrid-media-channel-yang-03](#)), wson-tunnel ([draft-ietf-ccamp-wson-tunnel-model-05](#)) and interface-model ([draft-ietf-ccamp-dwdm-if-param-yang.05](#)) are not yet in the IESG process, so we could envisage for them a process with layer0-type-ext and layer0-type V2 .
- Nothing prevent to introduce a layer0-type v3 in case some time discrepancy can happen among different drafts in the RFC process.

Next Steps

- WG adoption
- Add other YANG structures (grouping, identities, etc) as needed by other L0 YANG models in CCAMP



Thank You!