IETF 94

draft-betts-netmod-framework-data-schema-uml-02
Summary

• A framework for how purpose and protocol specific interfaces can be systematically derived from an underlying common information model expressed in UML

• Concept is not new
  – MEF 38 and MEF 39 are YANG models developed by refactoring from ITU-T and MEF Information Models

• Goal is…
  – This document becomes part of a set of documents that provides essential guidelines to enable round-trip model driven development tools
Methodology for deriving interface protocol specific data schema/interface encodings
Next Steps

- Participate in Multi-SDO Information Modeling to Data Schema derivation process refinement
- Aspire to produce an Informational RFC
References

• IETF drafts

• ONF Liaison (https://datatracker.ietf.org/liaison/1406/)
  Re-approval and public availability of:
  - ONF-CIM Core Model base document 1.0 + Model 1.0 (March 2015 | TR-512)
  - Common Information Model (CIM) Overview 1.0 (March 2015 | TR-513)
  - UML Modeling Guidelines 1.0 (March 2015 | TR-514)
  - Papyrus Guidelines 1.0 (March 2015 | TR-515)