

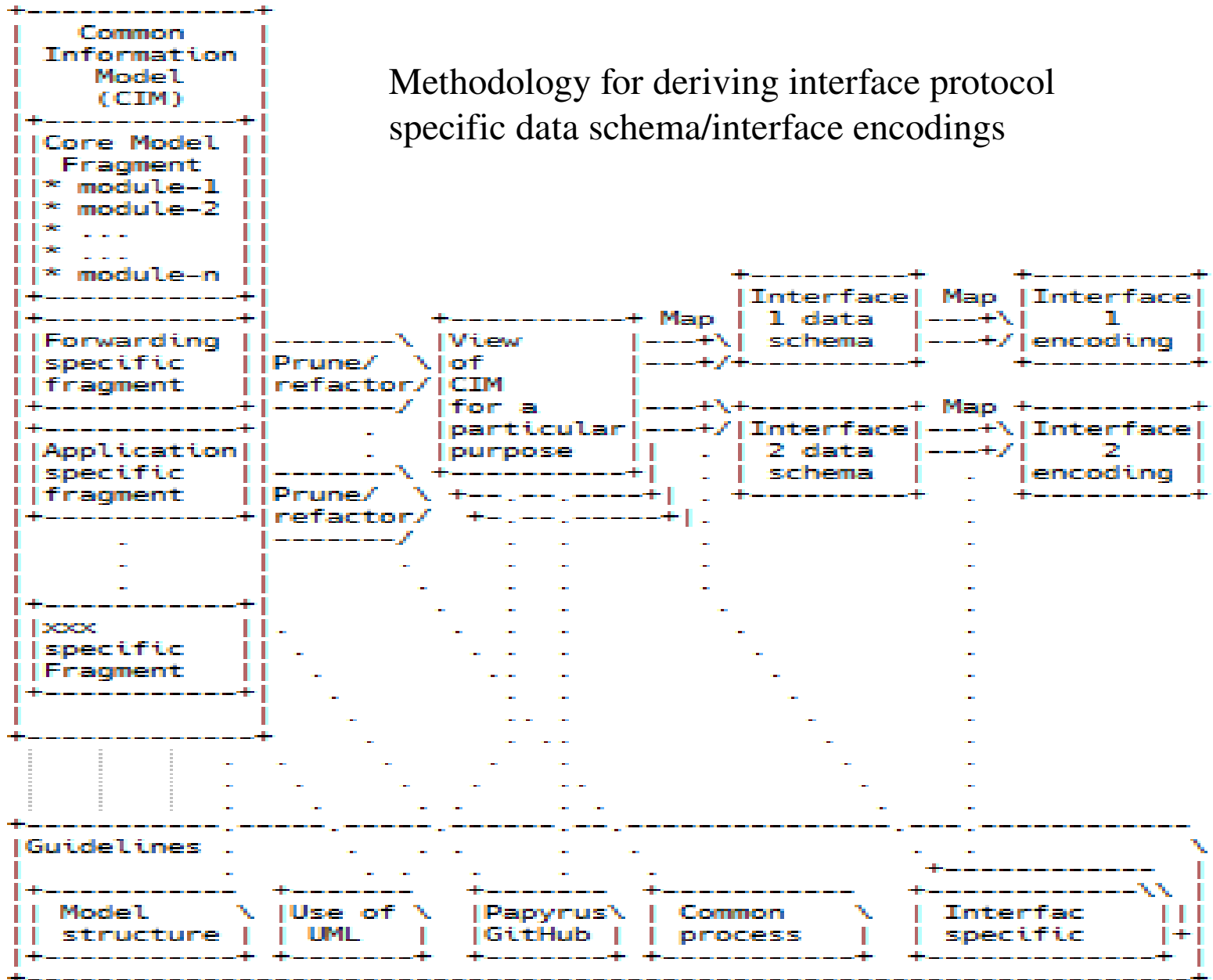
# IETF 94

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
  - draft-lam: <https://tools.ietf.org/html/draft-lam-teas-usage-info-model-net-topology-02>
  - draft-betts: <https://tools.ietf.org/html/draft-betts-netmod-framework-data-schema-uml-02>
  - draft-mansfield: <https://tools.ietf.org/html/draft-mansfield-netmod-uml-to-yang-01>
- 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)