

# IETF Tools for Draft Development

# Introduction

- Writing an IETF Internet Draft
  - Writing the Draft
  - Validating and Formatting the Draft
  - If YANG
    - Validating the YANG
  - Submitting the Draft
  - YANG Catalog GitHub Repository
- Tool Tutorials
- Other Tools

# Writing an Internet Draft

- It is possible to write an Internet-Draft using various editors, but in order to take advantage of the tooling supported the two formats to use are XML and Markdown.
- Starting with either XML or Markdown, will allow you to use tools to create all the other formats with the proper boilerplate/references/sections etc...
- Since I find Markdown easier than XML, I will show Markdown and how that can be used to generate the XML that can be uploaded.

[\[Search\]](#) [\[txt\]](#) [\[html\]](#) [\[xml\]](#) [\[pdf\]](#) [\[bibtex\]](#) [\[Tracker\]](#) [\[WG\]](#) [\[Email\]](#) [\[Diff1\]](#) [\[Diff2\]](#) [\[Nits\]](#)

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CCAMP Working Group  
Internet-Draft  
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A YANG Data Model for Microwave Topology  
draft-ietf-ccamp-mw-topo-yang-02

## Abstract

This document defines three YANG data models to describe topologies of microwave/millimeter radio links and bandwidth availability for a link in general, as well as to reference interface management information from a termination point.

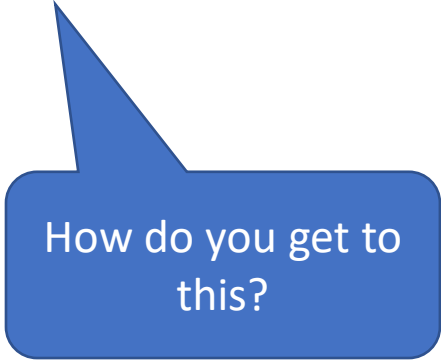
## RFC Ed. Note

// RFC Ed.: replace all XXXX throughout the document with actual RFC numbers and remove this note

## Status of This Memo

This Internet-Draft is submitted in full conformance with the provisions of [BCP 78](#) and [BCP 79](#).

Internet-Drafts are working documents of the Internet Engineering



How do you get to this?

# Some links

- There are online tools and also some offline equivalents (which will come in handy later)
- Online Tools
  - IDNITS (check your I-D for errors)
    - <https://www6.ietf.org/tools/idnits>
  - Internet-Draft submission
    - <https://datatracker.ietf.org/submit/>
  - xml2rfc
    - <https://xml2rfc.tools.ietf.org/>
- Offline Tools
  - xml2rfc (I-D formatting)
    - <https://pypi.org/project/xml2rfc/>
  - kdrfc (kramdown tool)
    - <https://github.com/cabo/kramdown-rfc2629>

# Tutorials on the Topics

- How to Create an Internet-Draft Using XML or Markdown (xml2rfc)
  - <https://datatracker.ietf.org/meeting/104/materials/slides-104-edu-sessf-how-to-create-an-internet-draft-using-xml-or-markdown-xml2rfc-00.pdf>
- How to Create an Internet-Draft Using XML or Markdown (markdown)
  - <https://datatracker.ietf.org/meeting/104/materials/slides-104-edu-sessf-how-to-create-an-internet-draft-using-xml-or-markdown-markdown-01.pdf>
- Git, GitHub, AND Markdown for Internet Drafts
  - <https://datatracker.ietf.org/meeting/104/materials/slides-104-edu-sessg-git-github-and-markdown-for-internet-drafts-00.pdf>
- Git, GitHub Tutorials
  - <https://product.hubspot.com/blog/git-and-github-tutorial-for-beginners>
  - <https://learngitbranching.js.org/>

# Other Tools

- Git and GitHub
  - github usage
    - <https://tools.ietf.org/html/rfc8874>
  - github admin
    - <https://tools.ietf.org/html/rfc8875>
- IETF Tools
  - rfcfold <https://github.com/ietf-tools/rfcfold>
  - xml2rfc v3 vocabulary
    - [Information on RFC 7991](https://tools.ietf.org/html/rfc7991) » RFC Editor ([rfc-editor.org](https://tools.ietf.org/html/rfc7991))

# Link for CCAMP

- <https://github.com/ietf-ccamp-wg>