

Did you know we're changing
the format of RFCs?

WG Chairs Lunch

IETF 103

RFC Format Project Update – Primary Goals

- Project goals:
 - XML as the unchanging, underlying format
 - TXT, PDF/A-3, HTML as the outputs
 - SVG line art (black and white) allowed
 - Non-ASCII characters allowed

<http://www.rfc-editor.org/rse/format-faq>

RFC Format Project Update

- Project status and discussion
 - <https://trac.tools.ietf.org/tools/ietfdb/wiki/FormatToolsPlan>
 - <https://www.ietf.org/mailman/listinfo/xml2rfc-dev>
- Released to the RPC and the community
 - id2xml: text to v2
 - id2xml: text to v3
 - xml2rfc v2 to v3 converter
 - rfc-xmldiff
 - rfclint
 - svgcheck
 - publication formatters (TXT, HTML)
- In Progress
 - preptool
 - publication formatters (PDF A/3)

HTML Publication Format

- xml2rfc v2.12.x
 - This release introduces the vocabulary v3 html formatter. In order to invoke this formatter, use the regular --html switch for html output, and add the --v3 switch to specify the v3 html formatter.
- The v3 options, including the creation of HTML output, is now available online
 - <https://xml2rfc.tools.ietf.org/experimental.html>

Stream: Internet Architecture Board (IAB)
RFC: [6635](#)
Obsoletes: [5620](#)
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Ericsson

RFC Editor Model (Version 2)

Abstract

The RFC Editor model described in this document divides the responsibilities for the RFC Series into three functions: the RFC Series Editor, the RFC Production Center, and the RFC Publisher. Internet Architecture Board (IAB) oversight via the RFC Series Oversight Committee (RSOC) is described, as is the relationship between the IETF Administrative Oversight Committee (IAOC) and the RSOC. This document reflects the experience gained with "RFC Editor Model (Version 1)", documented in RFC 5620, and obsoletes that document.

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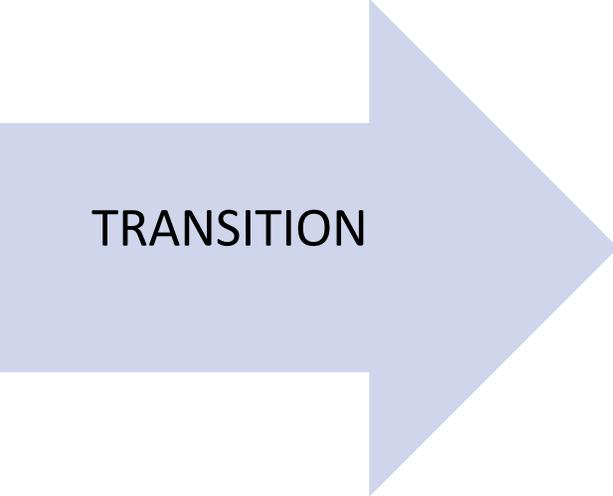
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Big Picture

v2 era

- XML source optional
- NROFF archival source
- TXT and PDF publication formats
- ASCII only; no SVG

TRANSITION



v3 era

- XML source canonical
- TXT, PDF, HTML publication formats
- non-ASCII allowed; SVG allowed

v3 Transition Goals

- Keep documents moving and minimize backlog during transition
- Ensure quality of RFCs published in the new format
- Clean switch to publication of v3 RFCs
- Avoid having simultaneous v2 and v3 AUTH48 processes

Transition Components

- Operations and Queue Management
 - Add a conversion step to the existing process (remaining v2 files -> v3 files)
 - Expand the scope of AUTH48
 - Use a new state for a tooling-related hold (e.g., if a document is held pending the resolution of a bug in the new toolset)
- Education
 - Update internal procedures and train staff
 - Provide new AUTH48 instructions
 - Contribute to documentation, FAQ, tutorial
- IT Support
 - Preparations started months ago; includes a set of updates to the scripts, the public web resources (e.g., info pages, rfc-index.xml, errata system), staff web interface, and internal directory structure.
 - Cutover to new system before publishing the first v3 RFC.

How You Can Help

- *With great power comes great responsibility*
 - XML, SVG – the RFC Editor cannot fix it all for you
- *Alone, we can do so little; together, we can do so much*
 - Need more detailed review than ever before
- *Maybe not today, and maybe not tomorrow, but soon*
 - Expect this need for detailed review and AUTH48 transition in 6-9 months