RFC Format Update

WG Chairs Lunch

IETF 105

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

- Several moving parts must align; RPC is still targeting end of August to be ready to publish v3 docs
  - Tools and end-to-end process may not be ready
- Expect several months of debugging and increased workload during the implementation phase
- Key links:

  https://www.rfc-editor.org/rse/wiki/doku.php/design:format-implementation

  https://www.rfc-editor.org/materials/FAQ-xml2rfcv3.html

Highlights from the xml2rfc v3 FAQ

- The Basics (what is xml2rfc, etc.)
- Creating a Draft (templates, etc.)
- Using References (the RFC Editor really cares about references!)
- Using Lists (the RFC Editor is expecting many challenges with oddly constructed lists)
- The Finer Points (such as proper use of CDATA, special characters, comments)
- New with v3
  - How do I convert my XML file from v2 to v3 so I can make use of the new features?
  - What are the new features with v3?
  - How do I insert non-ASCII characters?
  - How do I insert a table?
  - How do I generate SVG that will be accepted in an RFC?
  - How do I include SVG in my document?
  - How do I get bold, italics, or a fixed-width font?
  - How do I get subscript and superscript?
  - What are the possible values for the type of the sourcecode element?
  - Do I have to use the bcp14 element each time a keyword (e.g., "MUST") appears in my document?
  - What is the best way to print a hardcopy?
  - How do I download the XML source files for all RFCs?
  - What has been deprecated from xml2rfc v2?

What the RPC is Doing Right Now

- RPC is actively training and converting v2 files to v3
    - files are being reviewed by tool developers and xml2rfc-dev list
- RPC will be sharing files with authors of test cases soon
  ideally, authors will review v3 updates and the output files and
  provide feedback
  - This is for testing purposes only; v3 formats will not be published

Additional Information

- Docs in AUTH48 during transition:
  - RPC will convert v2->v3 files
  - Authors that approved their doc for publication before the v3 files were available will be asked to re-approve the v3 files
  - RPC will be ready to publish v3 files (XML, PDF/A-3, HTML, TXT) - 28 Aug 2019

SLA Update

- LLC Board has approved (temporary) additional editors – search in progress

- C238 remaining two docs scheduled for the IESG telechat 8 August 2019

- Format implementation expected Q3 2019

- Exception to the SLA to be requested for Q3 and Q4 2019