Abstract

This document provides a template on how to author (or migrate!) a new Internet-Draft / RFC in the AsciiRFC format.

NOTE

This template requires usage of the Metanorma toolchain and the "metanorma-ietf" Ruby gem.

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 Task Force (IETF). Note that other groups may also distribute working documents as Internet-Drafts. The list of current Internet-Drafts is at https://datatracker.ietf.org/drafts/current/.

Internet-Drafts are draft documents valid for a maximum of six months and may be updated, replaced, or obsoleted by other documents at any time. It is inappropriate to use Internet-Drafts as reference material or to cite them other than as "work in progress."

This Internet-Draft will expire on June 15, 2019.

Copyright Notice

Copyright (c) 2018 IETF Trust and the persons identified as the document authors. All rights reserved.

This document is subject to BCP 78 and the IETF Trust’s Legal Provisions Relating to IETF Documents (https://trustee.ietf.org/license-info) in effect on the date of publication of this document. Please review these documents carefully, as they describe your rights and restrictions with respect to this document. Code Components extracted from this document must include Simplified BSD License text as described in Section 4.e of
the Trust Legal Provisions and are provided without warranty as described in the Simplified BSD License.

Table of Contents

1. Introduction ........................................... 2
2. Terms and Definitions ................................... 2
3. Symbols And Abbreviations ............................... 3
4. Main content ........................................... 3
   4.1. Getting started ................................... 3
       4.1.1. Metanorma toolchain .......................... 3
       4.1.2. XML RFC toolchain ............................ 3
   4.2. Referencing external content ........................ 3
   4.3. Code snippets ..................................... 4
5. Security Considerations .................................. 4
6. IANA Considerations ..................................... 4
7. Acknowledgements ....................................... 4
8. References ............................................ 4
   8.1. Normative References ............................... 4
   8.2. Informative References ............................. 5
Appendix A. Examples ....................................... 5
   A.1. Example 1 ........................................ 5
8. Authors’ Addresses ...................................... 6

1. Introduction

AsciiRFC [I-D.ribose-asciirfc] is an extremely simple way to author Internet-Drafts and RFCs without needing to manually craft RFC XML conforming to [RFC7991].

This is a template specifically made for authors to easily start with creating an Internet-Draft conforming to [RFC7991] and submittable to the IETF datatracker.

2. Terms and Definitions

The key words "*MUST*", "*MUST NOT*", "*REQUIRED*", "*SHALL*", "*SHALL NOT*", "*SHOULD*", "*SHOULD NOT*", "*RECOMMENDED*", "*NOT RECOMMENDED*", "*MAY*", and "*OPTIONAL*" in this document are to be interpreted as described in BCP 14 [RFC2119] [RFC8174] when, and only when, they appear in all capitals, as shown here.

This document also refers to the following terms and definitions:

AsciiRFC

an AsciiDoc-derived syntax used for authoring RFCs and Internet-Drafts, as defined in [I-D.ribose-asciirfc].
3. Symbols And Abbreviations

ADRFC
abbreviated form of _AsciiRFC_

4. Main content

This is where you place the main content, and the following serves as a placeholder for your text.

Subsections are used here for demonstration purposes.

4.1. Getting started

The Metanorma and RFC toolchains *MUST* be available locally to build this document template.

4.1.1. Metanorma toolchain

You will need to have:

1. Ruby: for running Metanorma
   a. "metanorma-cli" gem: for the Metanorma command-line interface
   b. "metanorma-ietf" gem: for converting AsciiRFC into XML RFC (v2 or v3)

4.1.2. XML RFC toolchain

You will need to have:

1. Python: for running "xml2rfc"
   A. "xml2rfc": for converting RFC XML (v2 or v3) into TXT
   B. "idnits": for submission preflight

4.2. Referencing external content

  o This is a published RFC [RFC7253]
  o This is an Internet-Draft [I-D.ribose-asciirfc]
  o This is an external reference [RNP]
4.3. Code snippets

Code snippets should be wrapped with "<CODE BEGINS>" and "<CODE ENDS>" blocks, as required by the IETF Trust Legal Provisions (TLP) [IETF.TLP] (Section 4) specified in [RFC5378].

5. Security Considerations

Any security considerations should be placed here.

As described in Section 4 (here’s how you refer a local anchor), local tools have to be installed before the document template can be built.

Running of these local tools *MAY* produce unintended side effects that impact security. For example

<table>
<thead>
<tr>
<th>Security issue</th>
<th>Discussed in</th>
</tr>
</thead>
<tbody>
<tr>
<td>Confidentiality</td>
<td>Section 2.1.1 of [RFC3552]</td>
</tr>
<tr>
<td>Data Integrity</td>
<td>Section 2.1.2 of [RFC3552]</td>
</tr>
<tr>
<td>Non-Repudiation</td>
<td>Section 2.2 of [RFC3552]</td>
</tr>
</tbody>
</table>

6. IANA Considerations

This document does not require any action by IANA.

But if it does, such as proposing changes to IANA registries, please include them here.

7. Acknowledgements

The authors would like to thank their families.

8. References

8.1. Normative References


8.2. Informative References


Appendix A. Examples

A.1. Example 1

Here’s an example of a properly wrapped code snippet in accordance with rules specified in Section 4.3.

```json
{  "code": {    "encoding": "ascii",    "type": "rfc",    "authors": [ "Josiah Carberry", "Truman Grayson" ]  } }
```

<CODE ENDS>
Authors’ Addresses

Josiah Stinkney Carberry
Brown University
Box K, 69 Brown Street
Providence 02912
United States of America

Phone: +1 401 863 1000
Email: josiah.carberry@ribose.com
URI: https://www.brown.edu

Truman Grayson
Brown University
Box G, 69 Brown Street
Providence 02912
United States of America

Phone: +1 401 863 1000
Email: truman.grayson@ribose.com
URI: https://www.brown.edu