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A Minimal Internet-Draft In AsciiRFC
draft-asciirfc-minimal-02

Abstract

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

This template requires usage of the "asciidoctor-rfc" 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 October 14, 2018.

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

4.1.1. AsciiRFC toolchain

You will need to have:

- Ruby: for running the AsciiRFC toolchain
- "asciidoctor-rfc" gem: for converting AsciiRFC into XML RFC (v2 or v3)

4.1.2. XML RFC toolchain

You will need to have:

- Python: for running "xml2rfc"
- "xml2rfc": for converting RFC XML (v2 or v3) into TXT
- "idnits": for submission preflight

4.2. Referencing external content

- This is a published RFC [RFC7253]
- This is an Internet-Draft [I-D.ribose-asciirfc]
- 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] 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.

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. References

7.1. Normative References

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate

Requirement Levels", BCP 14, RFC 2119,
DOI 10.17487/RFC2119, March 1997,
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[RFC8174] Leiba, B., "Ambiguity of Uppercase vs Lowercase in RFC
2119 Key Words", BCP 14, RFC 8174, DOI 10.17487/RFC8174,
May 2017, <https://www.rfc-editor.org/info/rfc8174>.

7.2. Informative References

[I-D.ribose-asciirfc]
Tse, R., Nicholas, N., and P. Brasolin, "AsciiRFC:
Authoring Internet-Drafts And RFCs Using AsciiDoc", draft-
ribose-asciirfc-04 (work in progress), December 2017.

[IETF.TLP]
IETF, "IETF Trust Legal Provisions (TLP)", April 2018,
<https://trustee.ietf.org/trust-legal-provisions.html>.

[RFC5378] Bradner, S., Ed. and J. Contreras, Ed., "Rights
Contributors Provide to the IETF Trust", BCP 78, RFC 5378,
DOI 10.17487/RFC5378, November 2008,
<https://www.rfc-editor.org/info/rfc5378>.

[RFC7253] Krovetz, T. and P. Rogaway, "The OCB Authenticated-
Encryption Algorithm", RFC 7253, DOI 10.17487/RFC7253, May
2014, <https://www.rfc-editor.org/info/rfc7253>.

[RNP] Ribose Inc., "RNP: A C library approach to OpenPGP", March
2018, <https://github.com/riboseinc/rnp/>.

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.

```
<CODE BEGINS>
{
  "code": {
    "encoding": "ascii",
    "type":     "rfc",
    "authors":  [ "Josiah Carberry", "Truman Grayson" ]
  }
}
<CODE ENDS>
```

Appendix B. Acknowledgements

The authors would like to thank their families.

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