RFCTool User Guide

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<series>draft-hallambaker-rfctool

<status>informational

<stream>independent

<ipr>trust200902

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<also>https://mathmesh.com/Documents/draft-hallambaker-jsonbcd.html

RFCTool is a tool that converts source documents in Word, Markdown, HTML, and/or XML to Internet specifications. This document provides information on how to use RFCTool to generate Internet Drafts and RFCs.

Introduction

Open source (MIT License). Does not require installation of Word to process documents.

Compound Specifications

Word Core

Markdown examples

SVG images

Verbatim source

Related Tools

GitHub Markdown

Goedel Scripting

Definitions

This section presents the related specifications and standard, the terms that are used as terms of art within the documents and the terms used as requirements language.

## Requirements Language

This document is not normative and does not use normative language.

## Defined Terms

No terms of art are used

## Related Specifications

## Terminology

No new terms of art are defined

Using the RFCTool

Creating a document template

Processing documents

Error reports

Output modes

XML

HTML

Style sheet choice

Markdown

Github

Pandoc

Document Markup

Document data

The tool is intentionally lax in allowing specification of document data and metadata using the metadata tags specified in all versions of the xml schema plus additional tags defined for use with markdown.

The following tags are preferred:

|  |  |
| --- | --- |
| **Tag** | **Values** |
| document | rfcxxx, draft-xxx |
| status | std, bcp, info, exp, historic |
| stream | IETF, IRTF, IAB, independent |
| ipr | trust200902 |
| updates | rfc1234, rfc3456 |
| obsoletes | rfc1235 |
| keyword | pki |
| consensus | yes |
| area | Security |
| workgroup | LAMPS |
| std | STD number |
| bcp | BCP number |
| also | (url on users site) |

### Authors

|  |  |
| --- | --- |
| **Tag** | **Examples** |
| fullname |  |
| firstname |  |
| surname |  |
| initials |  |
| email |  |
| organization |  |
| role |  |
| organizationabbrev |  |
| organizationascii |  |
| street |  |
| city |  |
| region |  |
| code |  |
| country |  |
| phone |  |
| uri |  |

Formatting

Cref - comment

Eref - external link (not added to references)

RelRef - reference to a specific anchor within a referenced doc.

Iref - term for the index

Xref - reference to an anchor in this document

Including files

Figures

Source code

Section headings

References

Informative

Normative

Processing Instructions

|  |  |  |
| --- | --- | --- |
| Tag | Default | Use |
| TocDepth | 3 | Table of Contents depth |
| SortRefs | true | Sort references |
| Symrefs | true | Use symbolic references |
| TocInclude | true | Include Table of Contents |
| TofInclude | true | Include Table of Figures |
| TotInclude | true | Include Table of Terms |
| TonInclude | true | Include Table of Normative Language |
| IndexInclude | false | Include index |
| EmbedStylesheet | true | Embed the stylesheet. |

Office Open XML (Word) Syntax

Office Open XML (ECMA-376) (OOXML) is an open standard for document markup format with ubiquitous support in word processing software. Introduced in Microsoft Office 2007, the format is notably supported by Google Docs and LibreOffice as a native document format.

Use of OOXML as the source format for standards documents allows the use of features commonly provided by word processing software such as spelling and grammar checking to be used during document editing.

The chief disadvantage in use of OOXML as a document source format is that the format is relatively complex and requires the

Metadata

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Markdown Syntax

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Acknowledgements

Security Considerations

IANA Considerations

[TBS list out all the code points that require an IANA registration]