Specification Format

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1. Conventions

   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 RFC2119 when, and only when,
   they appear in all capitals, as shown here.

2. Character Encoding

   Plain-text files for specifications MUST use the UTF-8 standard.

3. Line definition

   A line of text is a sequence of 0 or more characters followed by a line feed
   character. For the sake of and clarity, the ending line feed character is not
   part of the line.

   Lines MUST NOT exceed 80 characters in length, excluding the ending line feed
   character. A line is called a blank line if it consists of 0 characters.

3.1. Line numbering

   Assuming a document is in digital format[1] and has a length of greater than
   0 bytes, the first character in the document is part of line 1.

4. Pages

   A page is a sequence of 60 lines. That means for every line number n, the
   line is the start of a new page when n mod 60 = 1.

4.1 Page header

   The first line of a page SHOULD consist of a left-aligned spec number
   indicator, a centered (short) document title and a right-aligned short
   publishing date (see 6.3). Line 2 of a page MUST always be blank, excluding
   the first page of the document.

4.2 Page footer

   The last line of a page MUST consist of a left-align last name of the
   author or authors and a right-aligned page number between square brackets.
   The second-to-last line of a page must be blank, just like line 2 of a page.

5. Paragraphs

   A paragraph is a sequence of consecutive lines all of a length greater than 0
   characters. Paragraphs are separated by either one or more blank lines or a
   page break. Paragraphs MUST NOT span multiple pages, limiting their size to
   56 lines.

6. Document header

   The first lines of the first page of a specification document MUST always
   contain left-aligned description headers (see 6.1) and right-aligned author
   identification and a right-aligned publishing date.

   After the initial lines (see 6.1 through 6.3), references to other
   specifications MUST be included when the specification obsoletes or updates
   the references specification.

   After the initial lines and the references, the document title is REQUIRED to
   be written on the first page of the document. For it's specification, see
   section 9.

   The bottom of the first page of the document MUST include a copyright notice
   and/or license, a link to the license or the inclusion text required by the
   license in question.

6.1. Descriptive header

   Each descriptive header is made up of a key and a value. Whitespace is not
   allowed in both the key and the value. Whitespace can only be included in the
   value by wrapping the value in quote characters.

   The key of the header consists of all characters of the line up to the first
   semicolon, excluding the semicolon itself and omitting all white-space
   characters.

   The value of the header starts at the first non-whitespace character after
   the first semicolon of the line. If the first character is a quote, the value
   ends at the next quote in the line. If the first character is not a quote,
   the value ends at the next whitespace character.

6.2. Short author identification

   In order to allow the author or authors to take some credit and to track who
   has written what, the author's name MUST be added right-aligned on the first
   line of the first page of the document. To prevent mixing notations between
   documents, the names SHOULD be written as only the first letters of all given
   names in capitals, separated by dots, a space and the Family name starting
   with an uppercase character. When written by a group with a name, the short
   author identification string SHOULD state the group's name instead of the
   individual authors.

6.3. Publish date

   Dates contained in specification documents following the format described in
   this document MUST follow the Gregorian calendar.

   The publish date of the document MUST include a month starting with a capital
   character and fully written year. The day of the month MAY be added on the
   first page of the document, but MUST NOT be included in the short date on all
   pages.

7. Document footer

   The document SHOULD close, starting on a new page, with all informative
   resources which were used to write the document, noting their keyword and
   document title. A URI to the resource SHOULD be included.

   After the informative resources, the document SHOULD end with one or several
   pages dedicated to the information of the author or authors.

8. Section titles

   Section titles SHOULD be a short text about the subject the section
   describes. Whether it is simply the keyword of what it explains, a problem
   statement or other type of text is up to the author as long as it's relevant
   to the section's body and fits within a single line.

   A section title MUST start with a capital character & MUST NOT contain any
   other capital letters, excluding where they are required in names or
   abbreviations.

9. Document title

   The title of the document should clearly state the main subject of the
   document and it's contents. Each word of the document title MUST start with a
   capital character when noted as the title of the document.

   On the first page of the document, the title should be centered horizontally
   and have at least 2 blank lines both above and below it. The document title
   SHOULD be as close to the document's descriptive headers as possible.

10. Informative resources

   [RFC2119]   RFC Key Words
               S. Bradner
               https://tools.ietf.org/html/rfc2119

11. Author information

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   Name ....... Robin Bron
   Nickname ... Finwo
   EMail ...... robin@finwo.nl
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