Embyr Technologies Markdown Style Guide

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Flavors of markdown

Accepted flavors of markdown are as follows, in order of preferrence:

1. pandoc markdown
2. GitHub markdown

Title Block

It is preferred to use pandoc title blocks to store information regarding tile, authors, and date, following the format:

```
% title
% semicolon; separated; authors
& day month year
```

Note: this requires that both you and the recipient of the documentation require the pandoc documentation compiler.

Sections

Top-Level sections should be used for any top level topics discussed in the document, as well as title and author information if not using a pandoc tile block.

Column Width (Line Length)

Lines should be no more than 80 characters long, with the one exception of inline notes. If a line will exceed the 80-char limit be even one character, insert

a newline before the last word in the line, and continue on the next line. It is advised that you set a vertical ruler at both 80 and 100 character column widths in your editor of choice, as these are the most common limits in Embyr Technologies style guides.

Inline notes may extend to up to 200 characters, although brevity is preferred.

Inline Notes

In the case where the current section-level is greater than four, notes should have a section level one more than the curent section level. In all other cases, notes should have a section level of four (i.e. `#### Note:`). Notes should follow the form of the word "Note", followed by a colon, then a space, then the note to be written.

Notes should always be in the form of full, readable sentences, with proper capitalization and punctuation. Note that "Note:" begins the first sentence, to the succeeding word need not be capitalized (see notes within this document for reference).

Text Formatting

Bold

Bold excerpts should use the double-asterisk (`**word**`) form of notation in all cases.

Italics

Italic excerpts should use the single-underscore (`_word_`) form of notation in all cases.

Bold and Italics

In the case where something is bolded and italicized, the bold should be the inner formatting, while the italization should be the outer formatting (`_**word**_`).

Verbatim

Verbatim should be used only to refer to terms that may be confusing when formatted otherwise, such as variable names or filenames. Verbatim is almost

always used to format things that should be entered into a computer or other piece of equipment verbatim, hence the name. Verbatim should *never* be used for code blocks.

Code Blocks

Code blocks should only be used for code snippets (even one-liners), or other compiled/interpreted text. Markdown allows for syntax highlighting in code blocks, by following the initial three backticks with the name of the language being used in the code block. If you are unsure how this language is abbreviated for markdown, it is easily google-able. What follows is a proper use of a code block for both a single line and section of C++:

```cpp
void printUserId(int id, char mode);
```

```cpp
void printUserId(int id, char mode) {
  if (mode == 'd') {
    std::cout << "=<< USER ID: " << id << " >>=" << std::endl;
  }
  return;
}
```

Note: this is a living document and is updated regularly with new standards as they are required.