Getting Started : issues regarding the whole book

1 Using this study-guide

- This study-guide was developed in this context:
  - The system apps were run on Windows, e.g., Ozone.
  - The book's Kindle version was used.
  - Page-number references are for the Kindle version.
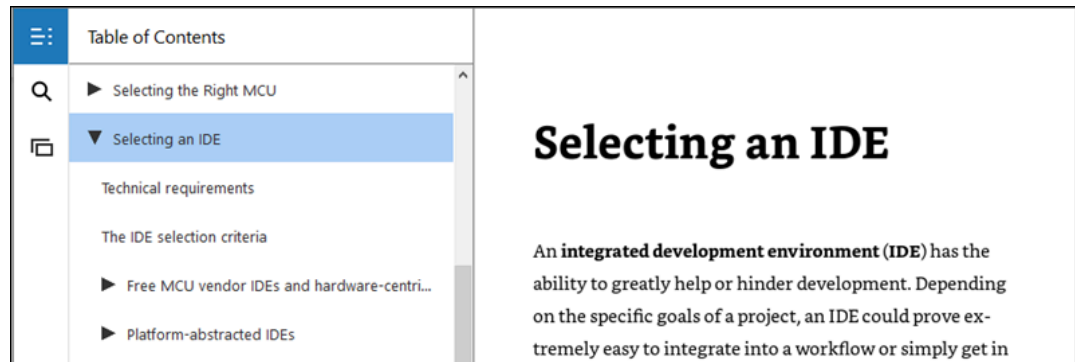
2 Writing your own programs

To gain skill with FreeRTOS, it's helpful to write programs based on the code and features presented in the book. The book's example-programs are intended to be downloaded and run. Adding a program-file is non-trivial (e.g., a C-file), due to the IDE's build system. And, if a program-file is added improperly, fixing the build-scripts can also be non-trivial.

The book does not include info on adding a program-file or fixing build-scripts. That info is in this study-guide, in the web-page for STM32CubeIDE (the IDE).

3 Problems with the book's Kindle version

3.1 Missing chapter-identifiers and chapter-numbers

- **Problem**:
  - In the Kindle version, the headings do not identify chapters nor chapter numbers.
  - This makes it very hard to navigate within the book and to know where you are in the book, e.g., what chapter am I on; how much of the book have I read, and how much is left?
  - This screenshot shows the chapter "Selecting an IDE", and the table-of-contents (TOC) frame. Among the TOC entries, it's not clear which are chapters, and there's no chapter numbers.

- **Work-around**:
  - The printed book's full TOC is on-line, with proper chapter-headings and page numbers. It's useful for navigating the book and seeing where you are in the book.
    - Google search, or Google Books search:
      - "Hands-On RTOS with Microcontrollers" "table of contents"
  - A Kindle page-number can be looked-up in the full TOC, e.g., to determine what chapter the page-number is in.

3.2 Copy-and-paste are unusable

- **Problem**:
  - With Kindle books, copy-and-paste are invaluable for writing study-notes. However, in this Kindle book, the paste is effectively unusable because it always adds the book's copyright info.
  - Below is an example copy-and-paste, from the chapter shown above, for its first sentence:

An integrated development environment (IDE) has the ability to greatly help or hinder development.

Amos, Brian. Hands-On RTOS with Microcontrollers: Building real-time embedded systems using FreeRTOS, STM32 MCUs, and SEGGER debug tools (p. 103). Packt Publishing. Kindle Edition.