# Home / Study Guide Comments

1 Using this study-guide 2 Writing your own prog 3 Problems with the boc 3.1 Missing chapter-ic 3.2 Copy-and-paste at 4 References to TrueST



# Selecting an IDE

An integrated development environment (IDE) has the ability to greatly help or hinder development. Depending on the specific goals of a project, an IDE could prove extremely easy to integrate into a workflow or simply get in

#### 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 pagenumber 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.

#### • Work-around:

- For pasting into Microsoft Word documents, I wrote a macro that removes the blank-line and last paragraph, from the pasted text. The macro can be assigned to a hotkey.
- The macro is on GitHub. Info on using it and installing it are in the code-comments.
  - paste text from kindle.vba
  - https://github.com/jimyuill/MS-Word-macros-and-vba

### 4 References to TrueSTUDIO

The book and code have some references to TrueSTUDIO that are puzzling or incorrect:

- An early draft of the book was based on the TrueSTUDIO IDE. The draft was later updated to be based
  on the STM32CubeIDE IDE. However, a few parts of the book and code were inadvertently not updated,
  and TrueSTUDIO is still referenced.
- This change of IDEs is described by the author here, on GitHub:

 $\underline{https://github.com/PacktPublishing/Hands-On-RTOS-with-Microcontrollers/issues/9}$ 

- The book describes how STM32CubeIDE is based on TrueSTUDIO. It appears the two IDEs are very similar, but there can be small differences in the user-interface and console output.
- Any related bugs that I encountered are described in the present study-guide, for the relevant chapter.

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