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An Unofficial Study-Guide for the Book:
Hands-On RTOS with Microcontrollers
1/29/2022

The book *Hands-On RTOS with Microcontrollers*, by Brian Amos, is very good overall. However, it has a number of errors, code bugs and unclear points. There are also bugs in the system-apps used, and the book has omitted some information needed to use the apps. When running the book's code, diagnosing and fixing these problems can be time-consuming and require extra skills.

This study-guide provides corrections and clarifications for the book, and additional needed information. The study-guide covers the first 3/4 of the book.

Corrections, feedback and discussion are most welcomed. Each web-page has a comments section.

About the study-guide's author (Jim Yuill): I'm new to embedded-systems, but I have many years of related experience, e.g., in operating-systems development and university teaching.

The book : bugs, clarifications, and tips
- Getting started : issues regarding the whole book (2 pages)
- Chapters 4-6 (4 pages)
- Chapter 7 (3 pages)
- Chapter 8 (9 pages)
- Chapter 9 (2 pages)
- Chapter 10 (9 pages)
- Chapter 11 (6 pages)
- Chapter 13, part 1: PWM tutorial (7 pages)
- Chapter 13, part 2: Additional info (3 pages)
- Chapter 14 (2 pages)
- Chapters 15-end : in-progress

System-apps : additional needed info
- Cheat-Sheet: running build, the Ozone debugger, and SystemView Recorder (1 page)
- STM32CubeIDE : creating programs, and build troubleshooting (7 pages)
- Ozone : problems in the book's `.jdebug` files, and in running Ozone (3 pages)
- SystemView : its use, known bugs, and troubleshooting (14 pages)

Document versions
- 10/18/2021 : initial version
- 11/23/2021 : added sections to SystemView; added Chapter 10
- 12/04/2021 : added sections to SystemView; added Chapter 11
- 12/23/2021 : added Chapter 13
- 01/29/2022 : added Chapter 14

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Jim, thank you for publishing your notes and for your effort in fixing the errors related to Brian Amos' book. It was a nice surprise to come across your study guide when I was searching for errata/updates to the code. Your