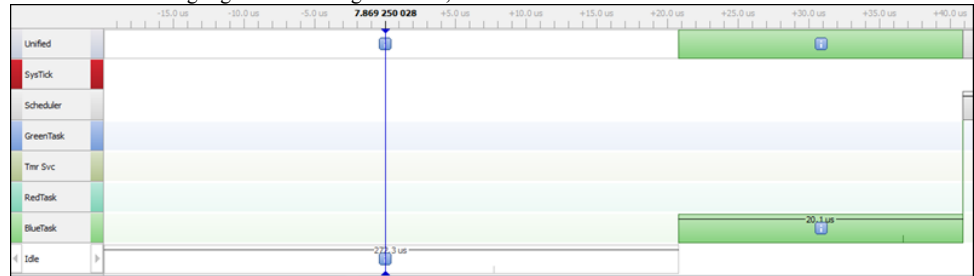
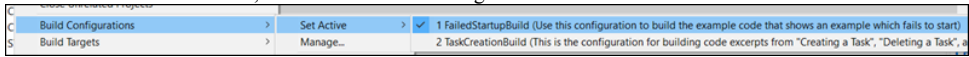


- A limitation of this solution is that SystemView's Record does not show *GreenTask* as running when its `SEGGER_SYSVIEW_PrintfHost()` is run. This is shown in the figure below. The blue vertical line is where that `SEGGER_SYSVIEW_PrintfHost()` ran, but no task is shown as running.
- Apparently, when SystemView's Record is first started, the currently-running task is not highlighted in the display. When the scheduler switches to another task, that task will be highlighted. In the figure below, it is *BlueTask*.



- **Bug in the code** (`main_taskCreation.c`), page 163
 - There's a minor bug in `GreenTask()`.
 - In the call to `SEGGER_SYSVIEW_PrintfHost()`, the string is misformatted, with unintended spaces. In SystemView's Terminal window, the text after the line-continuation isn't visible, or it is not readily visible.


```
SEGGER_SYSVIEW_PrintfHost("Task1 running \
                               while Green LED is on\n");
```
 - The fix is to remove the line-continuation, and put the whole string on one line.
- **Tip**, page 172f
 - To run `main_FailedStartup.c`, and step through it:
 - In `Chapter_7.jdebug`, set `File.Open()` to the path for `Chapter_7_FailedStartupBuild.elf`, e.g.,
`File.Open`
`("C:\projects\packtBookRTOS\Chapter_7\FailedStartupBuild\Chapter_7_FailedStartupBuild.`
 - In the IDE, set the active build configuration:
 
 - Then, Clean Project and Build Project
 - In Ozone, the code can be traced by setting breakpoints in:
 - `C:\projects\packtBookRTOS\Chapter_7\Src\main_FailedStartup.c`
 - `C:\projects\packtBookRTOS\BSP\Nucleo_F767ZI_Init.c`
 - This file contains `assert_failed()`
- **Bug in the book and code** (`Nucleo_F767ZI_Init.c`), page 173
 - There is a bug in the function call:


```
SEGGER_SYSVIEW_PrintfHost("Assertion Failed:file %s \ ...)
```
 - The same bug was described earlier, for page 158.

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R relayman357
1 point · 10 months ago

Thank you very much for putting together this guide. I have spent 2 days trying to figure out how Brian got the SystemView trace he shows on page 164. You sharing has been so helpful. I put a bug report in on Brian's github and he is looking at it.

Thank you!!