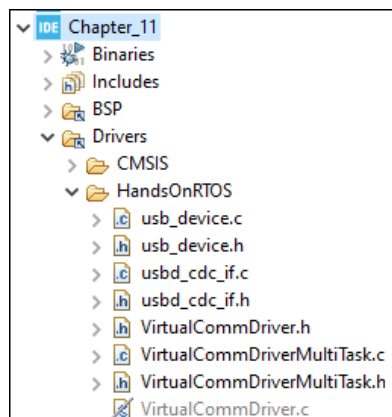


- 1 Section: Unde
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- included in the current build configuration.
- o The screen-shot below shows an example. The active build-configuration is `rawCDC`, and `VirtualCommDriver.c` is not included in it.
- o <https://stackoverflow.com/questions/34127299/what-would-cause-my-source-files-to-be-greyed-out-with-a-strikethrough-through-t>



- **Clarification**, page 294:
 - o The code shown in the book differs from the code provided in the repo.
 - o From the repo, `usbPrintOutTask()` has a two calls to `vTaskDelay(100)`, whereas the book just has one.
 - o When running the code from the repo, the output is not missing "message" lines, unlike what is shown on page 295.
- **Additional info**, page 294:
 - o Some of the USB-related functions have a suffix "_FS", e.g., `CDC_Transmit_FS()`.
 - o "_FS" stands for "full-speed".
 - o USB acronyms are specified in , *Reference manual, STM32F76xxx and STM32F77xxx advanced Arm-based 32-bit MCUs*, in section 41, "USB on-the-go full-speed/high-speed"
 - o Other examples:
 - **LS** : Low-speed
 - **HS** : High-speed
 - **OTG** : On-the-go
- **Tip**, page 295
 - o On Windows, Tera Term's line-feeds need to be configured.
 - o In `usbPrintOutTask()`, `lf` is sent for `"\n"`.
 - o To configure Tera Term:
 - Setup : Terminal : Receive : LF
- **Clarification**, page 299
 - o The code added to `usbdc_cdc.c` is in the function `USBD_CDC_DataIn()`.
 - `USBD_CDC_DataIn()` gets called within a USB ISR. So, the function pointed to by `hcdc->TxCallback` must be ISR-safe. This is further explained on pages 302 and 305.
 - o The call-chain for `USBD_CDC_DataIn()` might be:
 - `HAL_PCD_IRQHandler()` calls
 - (Note: Handles PCD interrupt request; PCD is *Peripheral Control Driver*)
 - (Note: these calls are made after the transmission is sent:)
 - `HAL_PCD_DataInStageCallback()` calls
 - `USBD_LL_DataInStage()` calls
 - `pdev->pClass->DataIn()` which is `USBD_CDC_DataIn()`
 - o References:
 - Call-chain
 - <https://community.st.com/s/question/0D50X00009XkZZi/stm32cubehal-usb-cdc-tx-complete-callback>
 - *User Guide : Description of STM32F7 HAL and low-layer drivers*
 - <https://www.st.com/en/embedded-software/stm32cubef7.html#documentation>
 - STM32 USB tutorial
 - On this article, you find application examples, document references, tips and tricks and so on related to STM32 USB
 - https://wiki.st.com/stm32mcu/wiki/USB_overview