1 Folders Structure

1.1 Logical Folder

[Project Name]
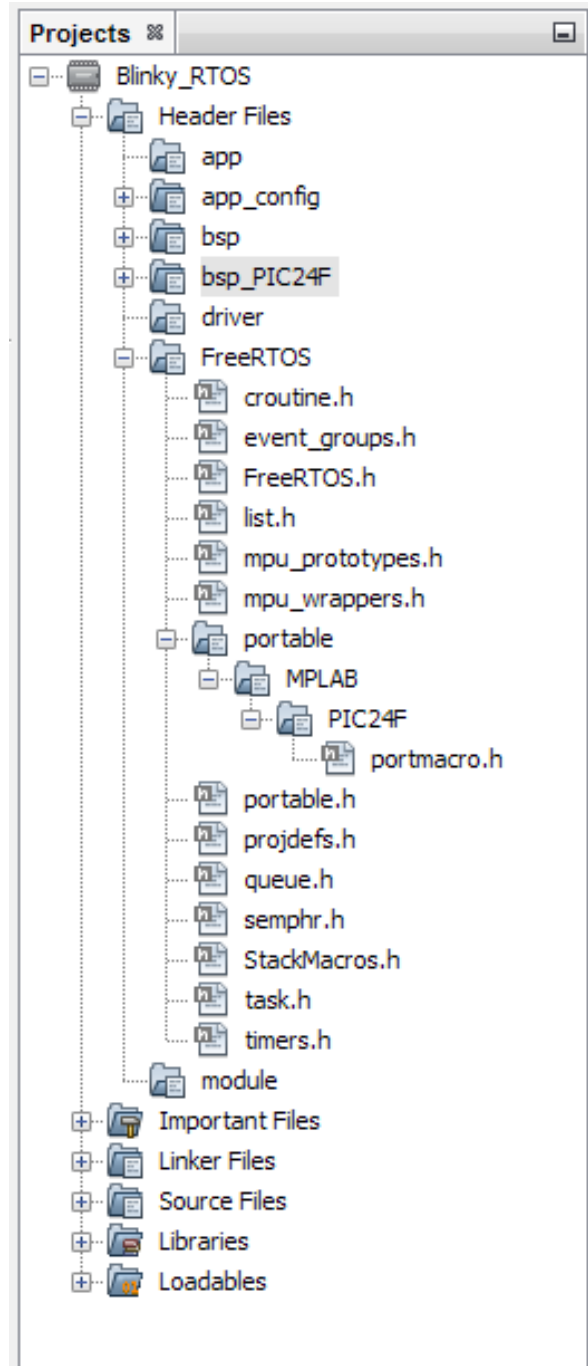
- **Header Files**
  - [app]
  - [app_config]
  - [bsp]
  - [bsp_PIC24F]
  - [FreeRTOS]
    - croutine.h
    - event_groups.h
    - FreeRTOS.h
    - FreeRTOSConfig.h
    - list.h
    - mpu_prototypes.h
    - mpu_wrappers.h
    - [portable]
      - [MPLAB]
        - [PIC24F]
          - portmacro.h
    - portable.h
    - projdefs.h
    - queue.h
    - semphr.h
    - StackMacros.h
    - task.h
    - timers.h
  - [module/component]
  - [MCC Generated Files]
  - [Utility]
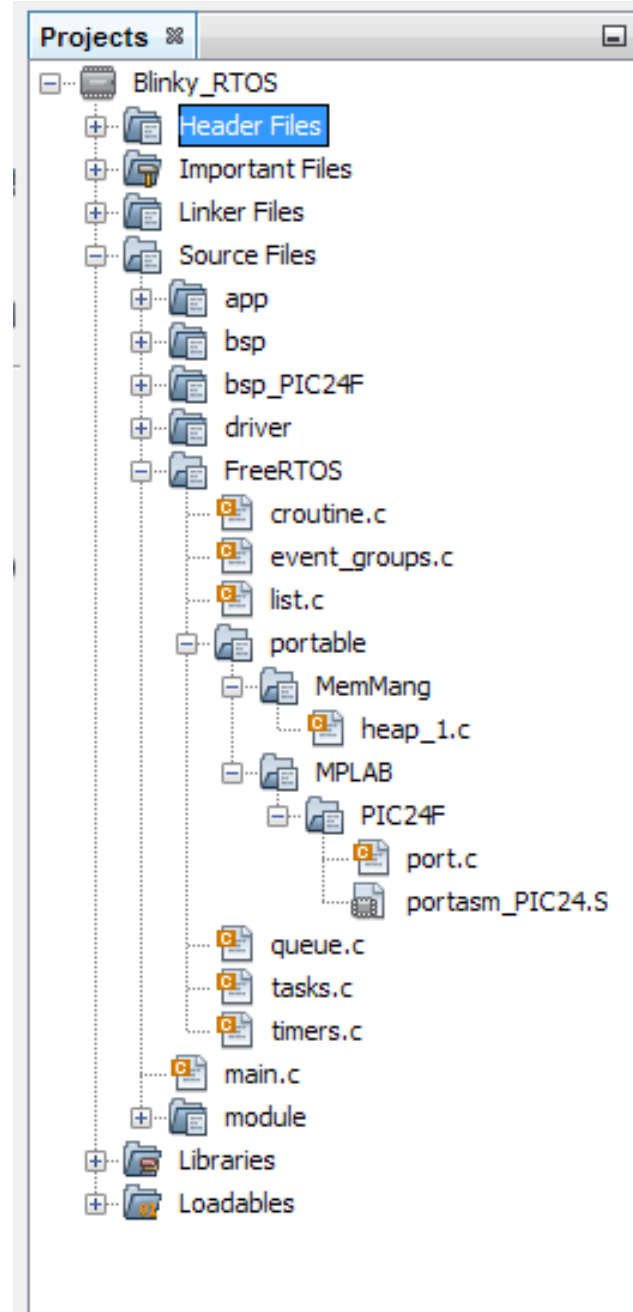 - version.h

- **Important Files**
  - Makefile
  - (.mc3 file)

- **Linker Files**

- **Source Files**
  - [app]
  - [bsp]
  - [bsp_PIC24F]
  - [FreeRTOS]
    - croutine.c
    - event_groups.c
    - list.c
    - [portable]
      - [MemMang]
        - o heap_1.c
      - [MPLAB]
        - o [PIC24F]
          - port.c
          - portasm_PIC24.S
    - queue.c
    - tasks.c
    - timers.c
  - main.c
  - [module/component]
  - [MCC Generated Files]
  - [Utility]

Other application files

Projects ⊠

- Blinky_RTOS
  - Header Files
    - app
    - app_config
      - app_io.h
      - FreeRTOSConfig.h
    - bsp
      - Board_MicrostickII.h
      - system.h
    - bsp_PIC24F
      - PIC24F_CPU.h
      - PIC24F_timer2.h
    - driver
    - FreeRTOS
    - module
  - Important Files
  - Linker Files
  - Source Files
    - app
      - rtos_hooks.c
    - bsp
      - Board_MicrostickII.c
      - system.c
    - bsp_PIC24F
      - PIC24F_CPU.c
      - PIC24F_interrupts.c
      - PIC24F_timer2.c
      - PIC24F_traps.c
    - driver
    - FreeRTOS
    - main.c
    - module
  - Libraries
  - Loadables