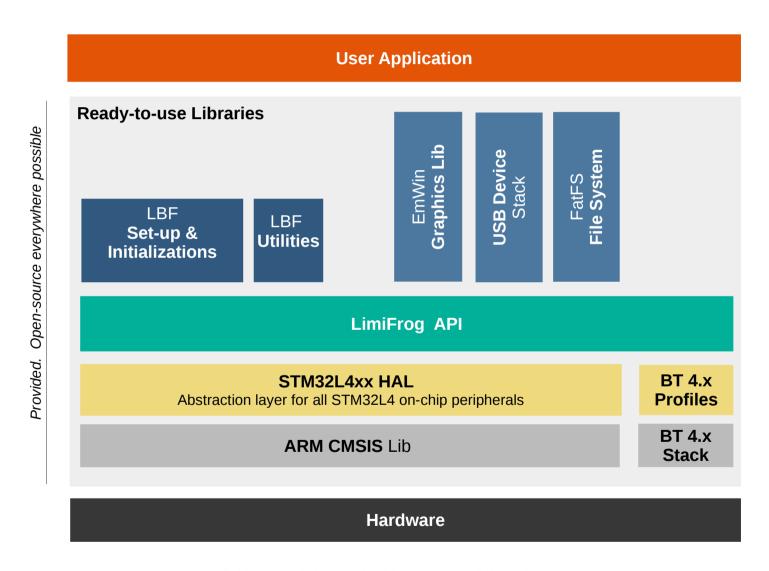
Software Libraries



<u>Note</u>: Various options available as real-time/embedded OS kernel if needed, although not provided as part of imiFrog software package at this time.

Software Structure

-- Idocumentation

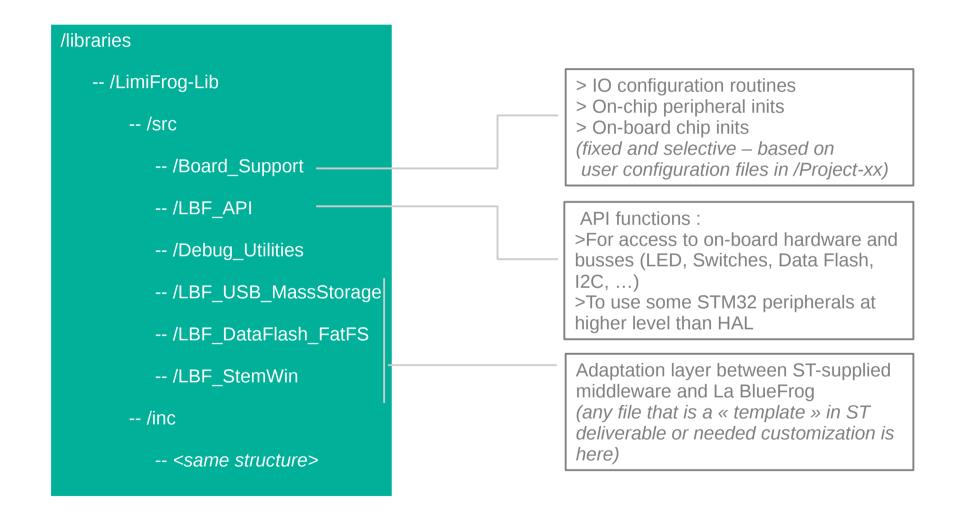
```
/<xxxx>
-- /libraries
      -- /LimiFrog-Lib
         # Board init and controls - La BlueFrog specific
         # Adaptation Layers for Middlewares (USBD, FatFS, emWin)
      -- /CMSIS L4xx
      --/STM32L4xx HAL Driver
      -- /STM32L4 USB-Device Library
      -- /FatFS Lib
      --/StemWin Lib
     -/Sensors APIs
-- /projects
      -- /Project-A
           -- /inc
           -- /src
           -- Makefile
           -- /obj
      -- /Project-B
      -- /Project-X
      -- /STARTUP
           -- startup stm32l476xx.s
           -- STM32L476RE FLASH.ld
           - sysmem.c
           - system stm32l4xx.c
```

LimiFrog libraries

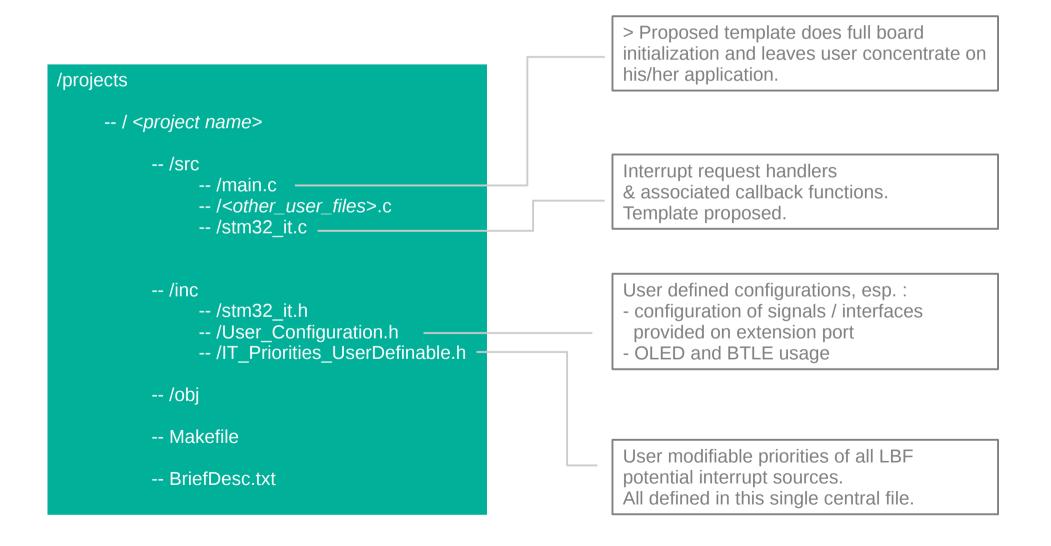
ST- and 3rd-party supplied libraries

Typically, user would customize these files

Software: BlueFrogV2-Lib Contents



Software: User Project Contents



Software: Include Model

