

## **CMSIS-RTOS Tutorial**



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Again select the STM32F1xx pack and save it to your hard disk. The file may be saved as a .zip file depending on the browser you are using. If it is saved as a .zip change the .zip extension to .pack, you can then install it locally by double clicking on the STM32F1xx.pack file.



## First steps with CMSIS-RTOS

The RTOS itself consists of a scheduler













**CMSIS-**





















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```
void led_thread2 (void const *argument) {  
  
    for (;;) {  
  
        LED_On(1);  
  
        delay(500);  
  
        LED_Off(1);  
  
        delay(500);  
  
    }  
}
```













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Now `led_thread`

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```
}  
}
```













Finally,



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}value

The

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```
LEDtx->LED1 = led1[index];
```

```
LEDtx->LED2 = led2[index];
```

```
LEDtx->LED3 = led3[index];
```

```
osMailPut(mail_box, LEDtx);
```







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