

Setarea intreruperilor

in fisierul *.ioc

- programarea TIM2 cu activarea intreruperilor

se va pune automat in stm32f1xx_it.c - rutina generala de servire a intreruperilor

```
void TIM2_IRQHandler(void)
{
    HAL_TIM_IRQHandler(&htim2);
}
```

in fisierul stm32f1xx_hal_tim.c

HAL_TIM_IRQHandler apeleaza HAL_TIM_PeriodElapsedCallback care trebuie definita (scrisa) in main.c:

```
/* USER CODE BEGIN 0 */
/* Timer2 Interrupt Service Routine*/
void HAL_TIM_PeriodElapsedCallback(TIM_HandleTypeDef *htim2)
{
}
/* USER CODE END 0 */
```

in fisierul main.c se vor valida intreruperile

- la initializari

```
/* USER CODE BEGIN 2 */
HAL_TIM_Base_Start_IT(&htim2); //enable Timer 2 interrupt
/* USER CODE END 2 */
```