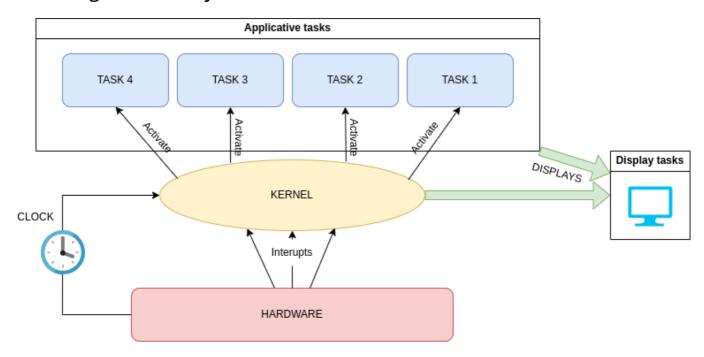
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tp1-real-time

Schema general du systeme



Code

chenillard.c

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```
/* Blink on (output high) */
ESP_LOGI("Blink", "Blink on led %d", gpio);
gpio_set_level(gpio, 1);
vTaskDelay(1000 / portTICK_PERIOD_MS);
}

vTaskDelete(NULL); //Delete this task if it exits from the loop above
}
```

main.c

```
#define BLINK_GPIO 4
#define STACK_SIZE 2048
/**
* @brief Main function to create tasks for blinking LEDs on different
          The tasks then blink the LEDs on GPIOs 4, 2, 13, and 12.
         The kernel organizes the tasks in a round-robin fashion when we
delay a task.
*/
void app_main()
    int gpio4 = 4;
    int gpio2 = 2;
    int gpio13 = 13;
    int gpio12 = 12;
    xTaskCreate(blink_led,
                "blink_led3",
                2048,
                &gpio4,
                5,
                NULL);
    vTaskDelay(250 / portTICK_PERIOD_MS);
    xTaskCreate(blink_led,
                "blink_led2",
                2048,
                &gpio2,
                5,
                NULL);
    vTaskDelay(250 / portTICK_PERIOD_MS);
    xTaskCreate(blink_led,
                "blink_led13",
                2048,
                &gpio13,
                5,
                NULL);
    vTaskDelay(250 / portTICK_PERIOD_MS);
```

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Chronogramme

