

How do you obtain the currently executing task handle?

**Met `xTaskGetCurrentTaHandle()`**

How do you give up the CPU to another task?

**Met `taskYIELD()`**

Which CPU core do application programs execute on for the ESP32?

**Op core 1, dit is de applicatie CPU, core 2 wordt gebruikt in slaapstand.**

What is the name of the default task provided by the Arduino environment?

**`loop()` en `setup()`**

What FreeRTOS function is used to suspend one task?

**Met `vTask Suspend()`**

Can a task delete itself and if so how?

**Ja, met `vTaskDelete(NULL)` of `vTaskDelete()`**

When is the task's stack released when a task deletes itself? Immediately or later during the IDLE task?

**Al een task zichzelf verwijderd zal de stack behouden blijven, als de IDLE actief is zal de stack ook verwijderd worden**

What causes the preemption in FreeRTOS for ESP32?

**Een system-tick-interrupt**

How often do the ESP32 tick interrupts occur?

**Elke milliseconde**