

# Schedule

## Schedule

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**2019 08 01**

- read the API Refs about DAC & TIM
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**2019 07 31**

**- Got the task “the dac wave generator based on TIM”**

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**2019 07 30**

- almost finish the task “optimization defination”
  - know how to access CI(continous intergrated?perhaps) system.
  - focus on vim learning
  - try to fix “helloworld” string in the menuconfig.
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**2019 07 29**

Current version:

COMPILER\_OPTIMIZATION\_LEVEL\_DEBUG, title: “Debug”, flags: “-Os” — default

COMPILER\_OPTIMIZATION\_LEVEL\_RELEASE, title: “Release”, flags: “-O2”

Proposed version:

COMPILER\_OPTIMIZATION\_NONE, title: “No optimizations (-O0)”, flags: “-O0”

COMPILER\_OPTIMIZATION\_SIZE, title: “Optimize for size (-Os)”, flags: “-Os” — default

COMPILER\_OPTIMIZATION\_PERF, title: “Optimize for performance (-O2)”, flags: “-O2”

Add sdkconfig.rename to convert COMPILER\_OPTIMIZATION\_LEVEL\_DEBUG -> COMPILER\_OPTIMIZATION\_SIZE,  
COMPILER\_OPTIMIZATION\_LEVEL\_RELEASE -> COMPILER\_OPTIMIZATION\_PERF.

ESP-IDF / IDF-826

Change optimization level definitions

编辑备注分配更多待办处理中完成

详情

类型:任务状态:待办(查看 workflow)优先级:Medium解决结果:未解决影响版本:无修复的版本:4.0模块:Build System标签:无

描述

Current version:

- COMPILER\_OPTIMIZATION\_LEVEL\_DEBUG, title: "Debug", flags: "-Os" — default
- COMPILER\_OPTIMIZATION\_LEVEL\_RELEASE, title: "Release", flags: "-O2"

Proposed version:

- COMPILER\_OPTIMIZATION\_NONE, title: "No optimizations (-O0)", flags: "-O0"
- COMPILER\_OPTIMIZATION\_SIZE, title: "Optimize for size (-Os)", flags: "-Os" — default
- COMPILER\_OPTIMIZATION\_PERF, title: "Optimize for performance (-O2)", flags: "-O2"

Add sdkconfig.rename to convert COMPILER\_OPTIMIZATION\_LEVEL\_DEBUG -> COMPILER\_OPTIMIZATION\_SIZE, COMPILER\_OPTIMIZATION\_LEVEL\_RELEASE -> COMPILER\_OPTIMIZATION\_PERF.

附件

添加附件或浏览.

问题链接

clones

- IDFGH-706 GH #2941: Feature request: please make -O0 an option in optimisatio... 待办

活动日志

全部注释工作日志改动记录活动日志

Ivan Grokhotkov 添加了评论 - 2小时以前

Yin Ziyuan A few pointers which may help:

- https://gitlab.espressif.cn:6688/espressif/esp-idf/blob/master/Kconfig#L71
- https://gitlab.espressif.cn:6688/espressif/esp-idf/blob/master/make/project.mk#L420-424
- https://gitlab.espressif.cn:6688/espressif/esp-idf/blob/master/CMakeLists.txt#L12-17
- https://gitlab.espressif.cn:6688/espressif/esp-idf/blob/master/sdkconfig.rename

备注

人员

经办人:Yin Ziyuan

报告人:Ivan Ivan Grokhotkov

表决:

- 0 为这个问题表决
- 1 开始关注这个问题

管理关注列表:

日期

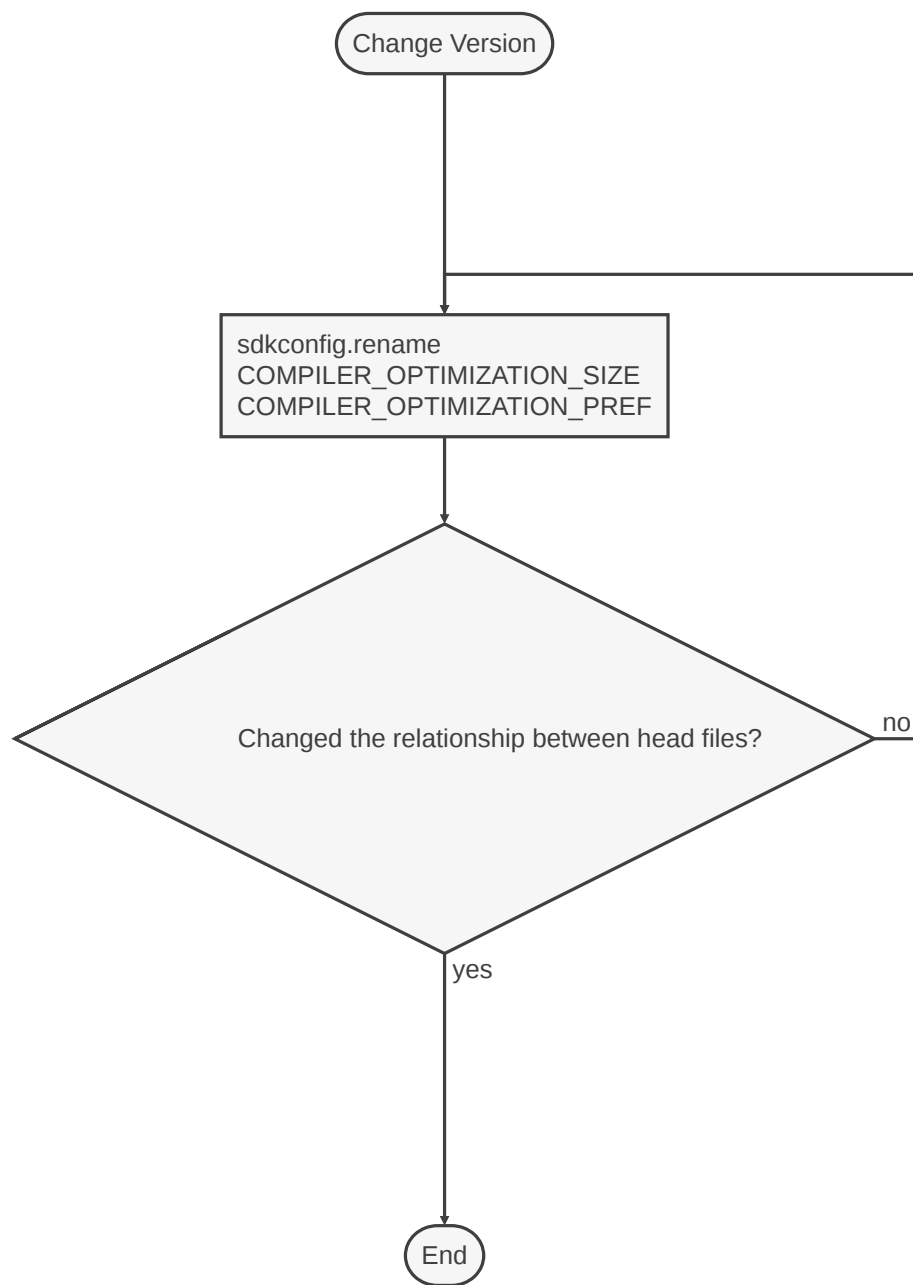
创建日期:2小时以前

已更新:2小时以前

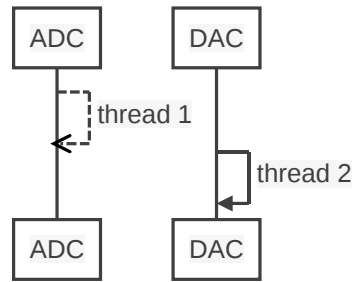
Agile

在敏捷看板中查看

Record:



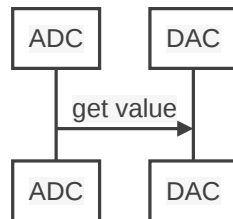
origin flags  
debug -Og size  
release -Os (-O2 which one?) performance



- ☐ Create two thread which run the ADC&DAC individually.
- ☐ Read FreeRTOS docs below:
  - task creation
  - task control
  - task utilities
  - kernel control
  - queues
  - queue sets

They could be found in <https://freertos.org/a00125.html>

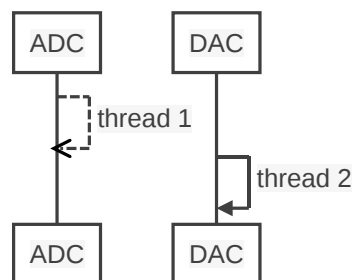
**2019 07 25**



- ☒ ADC get the value from from DAC, unlock the

component config->driver configurations->ADC configuration

- ☒ Read docs about FREERTOS
- ☐ Try to creat two thread which run the ADC&DAC individually.



## Working

TimeStage	TODO
10:00/30 - 12:00	working
12:00 - 12:30	having lunch
12:30 - 13:30	study oral english
13:30 - 14:30	working
14:30 - 15:00	napping
15:00 - 18:20	working
18:20 - 18:50	having dinner
18:50 - 19:20	working

## Resting