

BA5000平台 - 错误 #1176

新国产平台，编译驱动出现错误。

2023-06-20 19:32 - 战 弋戈

状态:	已解决	开始日期:	2023-06-20
优先级:	普通	计划完成日期:	
指派给:	战 弋戈	% 完成:	0%
类别:		预期时间:	0.00 小时
目标版本:		耗时:	0.00 小时
问题归属:	DRV		

描述
单独编译ko文件时，出现错误信息如下： /root/zyg/P13_Pre1/dev2/lib/ko/nr_pcie.c:256:4: warning: ignoring return value of ‘ copy_from_user ’, declared with attribute warn_unused_result [-Wunused-result] copy_from_user((void)barinf, (void *)arg, sizeof(barinf)); ^~~~~~ /root/zyg/P13_Pre1/dev2/lib/ko/nr_pcie.c:276:6: warning: ignoring return value of ‘ copy_from_user ’, declared with attribute warn_unused_result [-Wunused-result] copy_from_user((void *)&barRegInfo, (void *)arg, count); ^~~~~~ In file included from ././include/linux/compiler_types.h:68:0, from <command-line>:0: ./arch/arm64/include/asm/jump_label.h: In function ‘ arm64_kernel_unmapped_at_el0 ’ : ./include/linux/compiler-gcc.h:120:38: warning: asm operand 0 probably doesn ’ t match constraints #define asm_volatile_goto(x...) do { asm goto(x); asm (""); } while (0) ^ ./arch/arm64/include/asm/jump_label.h:38:2: note: in expansion of macro ‘ asm_volatile_goto ’ asm_volatile_goto(^~~~~~ ./include/linux/compiler-gcc.h:120:38: warning: asm operand 0 probably doesn ’ t match constraints #define asm_volatile_goto(x...) do { asm goto(x); asm (""); } while (0) ^ ./arch/arm64/include/asm/jump_label.h:21:2: note: in expansion of macro ‘ asm_volatile_goto ’ asm_volatile_goto(^~~~~~ ./include/linux/compiler-gcc.h:120:38: error: impossible constraint in ‘ asm ’ #define asm_volatile_goto(x...) do { asm goto(x); asm (""); } while (0) ^ ./arch/arm64/include/asm/jump_label.h:38:2: note: in expansion of macro ‘ asm_volatile_goto ’ asm_volatile_goto(^~~~~~ ./include/linux/compiler-gcc.h:120:38: error: impossible constraint in ‘ asm ’ #define asm_volatile_goto(x...) do { asm goto(x); asm (""); } while (0) ^ ./arch/arm64/include/asm/jump_label.h:21:2: note: in expansion of macro ‘ asm_volatile_goto ’ asm_volatile_goto(^~~~~~ make²: [scripts/Makefile.build:275 : /root/zyg/P13_Pre1/dev2/lib/ko/nr_pcie.o] 错误 1 make¹: [Makefile:1698 : /root/zyg/P13_Pre1/dev2/lib/ko] 错误 2 make¹: 离开目录 “ /usr/src/linux-headers-5.4.18-41kt01-generic ” make: ** [Makefile:17 : all] 错误 2

历史记录

#1 - 2023-06-20 19:35 - 战 弋戈

内核的头文件出现错误的概率比较少，可能还是makefile设置的问题。

#2 - 2023-07-04 10:02 - 战 弋戈

重新写一个hello的ko文件也没有编译通过， 考虑可能是内核的问题。重新编译内核并安装后，可以启动。还是出现asm 错误。后来考虑是gcc 环境的问题， 重新安装系统后，可以编译通过。

#3 - 2023-07-11 11:08 - 战 弋戈
- 状态从 新建 变更为 已解决