Smart Camera

Backtrace调试

**Black.lian Version 0.1**

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REVISION HISTORY

| Revision No. | Description | Date |
| --- | --- | --- |
| 1.0 | * Initial release | 07/11/2017 |

TABLE OF CONTENTS

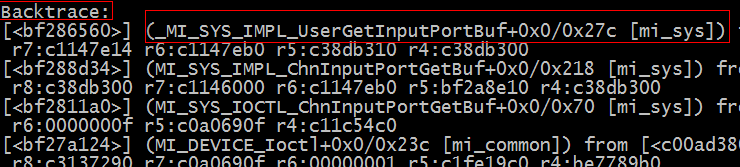
[1. 查找错误及定位函数 3](#_Toc499107605)

[1.1. 定位Backtrace点 3](#_Toc499107606)

# 查找错误及定位函数

## 定位Backtrace点

1. 当程序出现kernel 崩溃时，可能会出现Backtrace信息

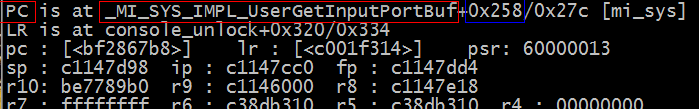


(2) 将错误log往上移，找到PC，以下为关键信息

\_MI\_SYS\_IMPL\_UserGetInputPorBuf 挂掉的函数

0x258 函数中crash的位置

[mi\_sys] 函数所属的ko

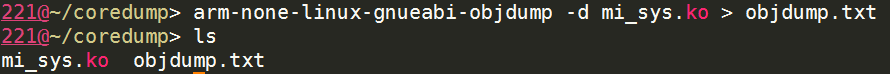


(3) 重启板子，将板子上所属的ko拷贝到电脑上



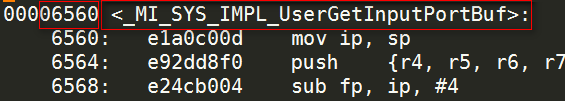
(4) 在电脑上对拷贝下来的ko 执行反汇编操作

arm-none-linux-gnueabi-objdump -d



(5) 打开objdump.txt文件 找到 \_MI\_SYS\_IMPL\_UserGetInputPorBuf 函数

关键信息为 00006560 (16进制)



(6) 计算位置 0x6560+0x258=0x678b

(7) 将位置转化为代码具体行数

arm-none-linux-gnueabi-addr2line –e

关键信息 mi\_sys\_impl.c

1573



函数crash的位置为mi\_sys\_impl.c 1573行