# hifrog - Bug #7271

## crash in ldv-challenges as signal 6:  what():  map::at

03/05/2018 18:14 - Sepideh Asadi

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|---|---|---|---|---|
| **Status:** | Feedback | | **Start date:** | 03/05/2018 |
| **Priority:** | Normal | | **Due date:** | |
| **Assignee:** | Sepideh Asadi | | **% Done:** | 70% |
| **Category:** | | | **Estimated time:** | 0.00 hour |
| **Target version:** | | | **Spent time:** | 0.00 hour |

**Description**

File:
~/hi-bench/challenge-bench/sv-comp17/c/ldv-challenges/linux-3.14__complex_emg__linux-alloc-spinlock__drivers-net-ethernet-via-via-velocity_true-unreach-call.cil.c


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How to run:
./hifrog --sum-theoref --unwind 10   file.c


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Error msg:
Use QF_UF logic.
terminate called after throwing an instance of 'std::out_of_range'
what():  map::at
Command terminated by signal 6

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initial observation:
the error is caused by hifrog asking for a goto function which is not known. There is a line of code in the program:
asm  volatile   ("lfence": : : "memory");

And perhaps it could come from there.

## History

**#1 - 04/05/2018 16:57 - Karine Even Mendoza**

*- Status changed from New to Feedback*

*- Assignee set to Sepideh Asadi*

*- % Done changed from 0 to 70*


I added back the asm_ build-in cprover functions, not sure it is the right thing to do, it can be that we will have performance issues.
Currently it doesn't crash.

**#2 - 07/05/2018 11:52 - Karine Even Mendoza**

Currently the issue is as bug #7272, shall we unify the reports?