### SIMtrace 2 - Bug #5204

#### Error with make command on Ubuntu 21.04

08/02/2021 12:23 PM - Brvman

<table>
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<tr>
<th>Status:</th>
<th>Rejected</th>
<th>Start date:</th>
<th>08/02/2021</th>
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<td>Low</td>
<td>Due date:</td>
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<td>Target version:</td>
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<td>Spec Reference:</td>
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#### Description

When building from source, I encountered the below error on Linux Ubuntu 21.04.

Is there any fix? thanks.

```bash
root@LENOVO15X:~/working-dir/simtrace2/host# make
make  all-recursive
make*: Entering directory '/root/working-dir/simtrace2/host'
Making all in include
make*: Entering directory '/root/working-dir/simtrace2/host/include'
make*: Nothing to be done for 'all'.
make*: Leaving directory '/root/working-dir/simtrace2/host/include'
Making all in lib
make*: Entering directory '/root/working-dir/simtrace2/host/lib'
make*: Nothing to be done for 'all'.
make*: Leaving directory '/root/working-dir/simtrace2/host/lib'
Making all in src
make*: Entering directory '/root/working-dir/simtrace2/host/src'
CC     simtrace2-cardem-pcsc.o
simtrace2-cardem-pcsc.c: In function 'update_flags':
simtrace2-cardem-pcsc.c:94:4: warning: implicit declaration of function 'osim_card_reset'; did you mean 'osim_card_open'?
 [-Wimplicit-function-declaration]
94 |    osim_card_reset(card, cold_reset);       |    ^~~~~~~~~     | osim_card_open
simtrace2-cardem-pcsc.c: In function 'main':
simtrace2-cardem-pcsc.c:440:23: error: 'OSIM_MAX_ATR_LEN' undeclared (first use in this function); did you mean 'USB_MAX_PATH_LEN'?
 [-Wimplicit-function-declaration]
440 |  uint8_t override_atr[OSIM_MAX_ATR_LEN];       |    ^~~~~~~~~     | USB_MAX_PATH_LEN
simtrace2-cardem-pcsc.c:440:23: note: each undeclared identifier is reported only once for each function it appears in
simtrace2-cardem-pcsc.c:610:56: error: 'struct osim_card_hdl' has no member named 'atr_len'
610 |  osmo_st2_cardem_request_set_atr(ci, card->atr, card->atr_len);       |    ^~~
simtrace2-cardem-pcsc.c:440:10: warning: unused variable 'override_atr' [-Wunused-variable]
440 |  uint8_t override_atr[OSIM_MAX_ATR_LEN];       |    ^~~~~~~~~     
make*: * [Makefile:450: simtrace2-cardem-pcsc.o] Error 1
make*: Leaving directory '/root/working-dir/simtrace2/host/src'
make*: [Makefile:452: all-recursive] Error 1
make*: Leaving directory '/root/working-dir/simtrace2/host'
make*: ** [Makefile:376: all] Error 2
```

#### History

**#1 - 08/03/2021 07:54 AM - laforge**

On Mon, Aug 02, 2021 at 12:23:36PM +0000, Brvman [REDMINE] wrote:

> When building from source, I encountered the below error on Linux Ubuntu 21.04.
> Is there any fix? thanks.

may I ask why are you building from source? we offer nightly package feeds for ubuntu 21.04 to avoid people having to build from source unless they're developers.

The problem you are facing is that you're trying to build a current "master" version of simtrace2 with
a too old version of libosmocore.

if you use master of the application, you also must use master of the libraries. Alternatively, go back to the last tagged versions.

#2 - 08/03/2021 07:56 AM - laforge
- Status changed from New to Rejected
- Priority changed from Urgent to Low

and please don't mark such issues as urgent. That might be applicable in case for a critical bug affecting almost all users, or for a security issue. but not in case one user is using incompatible software versions.