

## libosmocoore - Bug #3584

### libosmovty/command.c: (!elem->attr & CMD\_ATTR\_DEPRECATED), missing parentheses?

09/23/2018 06:59 PM - fixeria

<b>Status:</b>	Resolved	<b>Start date:</b>	09/24/2018
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>	neels	<b>% Done:</b>	100%
<b>Category:</b>	libosmovty		
<b>Target version:</b>			
<b>Spec Reference:</b>			
<b>Description</b>			
Just noticed while building with clang-4.0:			
<pre>make[2]: Entering directory `/home/.../osmocom/libosmocoore/src/vty' CC      buffer.lo CC      command.lo CC      utils.lo CC      vector.lo CC      vty.lo command.c:682:8: warning: logical not is only applied to the left hand side of this bitwise operat or [-Wlogical-not-parentheses]                 if (!elem-&gt;attr &amp; CMD_ATTR_DEPRECATED)                     ^ command.c:682:8: note: add parentheses after the '!' to evaluate the bitwise operator first                 if (!elem-&gt;attr &amp; CMD_ATTR_DEPRECATED)</pre>			
This warning appears a few times. I guess (not sure) the condition should look like this:			
<pre>if (!elem-&gt;attr &amp; CMD_ATTR_DEPRECATED) ...</pre>			

## History

### #1 - 09/23/2018 07:01 PM - fixeria

[...] I guess (not sure) the condition should look like this:

```
if (!(elem->attr & CMD_ATTR_DEPRECATED)) ...
```

### #2 - 09/24/2018 02:10 AM - neels

let me add

```
&& !(cmd->attr == CMD_ATTR_DEPRECATED
    || cmd->attr == CMD_ATTR_HIDDEN))
```

<http://git.osmocom.org/libosmocoore/tree/src/vty/command.c?id=369015c53545f2f67d8610e5d821ee75289122e5#n2731>

So it would be not hidden when it is **both** "deprecated" and "hidden".

### #3 - 09/24/2018 02:22 AM - neels

- Status changed from New to In Progress

- Assignee set to neels

- Priority changed from Normal to Low

- % Done changed from 0 to 90

remote: <https://gerrit.osmocom.org/#/c/libosmocoore/+/11070> vty reference: fix deprecation bit evaluation

remote: <https://gerrit.osmocom.org/#/c/libosmocore/+11071> vty list: fix deprecation/hidden bit logic

**#4 - 09/24/2018 06:47 AM - fixeria**

- *Status changed from In Progress to Resolved*

- *% Done changed from 90 to 100*

Merged. No warnings anymore.