

libosmcore - Bug #3584

libosmovty/command.c: (!elem->attr & CMD_ATTR_DEPRECATED), missing parentheses?

09/23/2018 06:59 PM - fixeria

Status:	Resolved	Start date:	09/24/2018
Priority:	Low	Due date:	
Assignee:	neels	% Done:	100%
Category:	libosmovty		
Target version:			
Spec Reference:			

Description

Just noticed while building with clang-4.0:

```
make[2]: Entering directory `/home/.../osmocom/libosmcore/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 operator [-Wlogical-not-parentheses]
```

```
        if (!elem->attr & CMD_ATTR_DEPRECATED)
            ^                ~
```

```
command.c:682:8: note: add parentheses after the '!' to evaluate the bitwise operator first
```

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

This warning appears a few times. I guess (not sure) the condition should look like this:

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

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/libosmocore/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/libosmocore/+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.