

## QGIS Application - Bug report #20371

### messageBar() messages getting lost/capped at 22

2018-11-05 05:30 PM - Jonathan Willitts

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	GUI	
<b>Affected QGIS version:</b>	3.4.1	<b>Regression?:</b> Yes
<b>Operating System:</b>	Windows 10 (64 bit)	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 28191

#### Description

It seems in the latest release, the maximum number of messageBar() messages that the GUI can handle is 22 (i.e. the one being displayed, plus "21 more").

Other messages just seem to go missing.

To replicate the issue:

1. Load QGIS 3.4.1
2. Open Python console (Ctrl + Alt + P)
3. Type the following:

```
for i in range(25):  
    iface.messageBar().pushMessage("Error", f"I'm sorry Dave, I'm afraid I can't do that {i}", level=Qgis.Critical, duration=0)
```

You will see messages appear in the message bar at the top, in the following order:

```
Error: I'm sorry Dave, I'm afraid I can't do that 24  
Error: I'm sorry Dave, I'm afraid I can't do that 23  
Error: I'm sorry Dave, I'm afraid I can't do that 19  
Error: I'm sorry Dave, I'm afraid I can't do that 18  
...  
Error: I'm sorry Dave, I'm afraid I can't do that 2  
Error: I'm sorry Dave, I'm afraid I can't do that 1  
Error: I'm sorry Dave, I'm afraid I can't do that 0
```

i.e. messages 22, 21 and 20 are lost/missing

Note: this worked fine in QGIS 3.2.3

#### History

#1 - 2018-11-05 05:31 PM - Alessandro Pasotti

See: <https://github.com/qgis/QGIS/pull/8384/files#diff-f275bbab81d1fe6efefe1f50b9d67c6dR302>

**#2 - 2018-11-05 05:37 PM - Jonathan Willitts**

- *Status changed from Open to Closed*

Ah, so not a bug, but a feature!

I couldn't see anything in the docs, so thanks for the pointer.