

## TextCritical.net - Bug #2869

### Shortcut keys for next verse act weird

03/22/2021 03:04 AM - Luke Murphey

<b>Status:</b>	Closed	<b>Start date:</b>	03/21/2021
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Luke Murphey	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	4.6.7		
<b>Description</b>			

#### History

##### #1 - 01/06/2022 06:24 PM - Luke Murphey

Repro:

- Open work
- Press Shift+right several times; note that it moves several chapters

##### #2 - 01/07/2022 03:26 AM - Luke Murphey

```
Uncaught TypeError: Cannot read properties of null (reading 'next_chapter')
```

##### #3 - 01/07/2022 05:40 AM - Luke Murphey

Questions:

- What is the related stack trace?
  - readingMenuBar::upHandler()
- Is the handler not getting removed properly?
- Is the problem due to not having an empty array of dependencies after useEffect?
  - <https://www.pluralsight.com/guides/event-listeners-in-react-components>
  - This gets rid of the multiple addHandler() registrations but it also breaks it
- When does useEffect()'s cleanup get called?
- Does this improve if I only add the handler if both goToNextChapter and goToPriorChapter are set?
  - No change
- Does this work if I keep the handler around and only apply it if doesn't yet exist?
  - No change

Observations:

- upHandler() is getting called several times
- addHandler() gets called 7 times on a normal load
  - removeHandler() gets called 6 times
- It looks like the handlers are not getting removed
  - getEventListeners(window).keyup.length
  - These keep increasing

Conclusion:

- I wasn't deregistering the handlers correctly

**#4 - 01/07/2022 05:41 AM - Luke Murphey**

- *Status changed from New to Closed*

- *% Done changed from 0 to 100*