

User Interface - Bug #8300

NPE in ChUI mode when ESC is pressed.

02/20/2024 01:15 PM - Vladimir Tsichevski

Status:	New	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		case_num:	
billable:	No		
vendor_id:	GCD		
Description			

History

#1 - 02/20/2024 01:25 PM - Vladimir Tsichevski

When the user presses Escape button, the following code is executed in LinuxKeyboardReader.keyPressed():

```
// escape is never returned as 27, instead it sets some state as a
// modifier key
if (key == KeyEvent.VK_ESCAPE)
{
    // toggle the flag
    escPressed = !escPressed;

    queue.add(null);
    return;
}
```

The LinkedBlockingQueue does not accept null value as the item, to the call queue.add(null) causes explicitly thrown NPE:

```
public boolean offer(E e) {
    if (e == null) throw new NullPointerException();
}
```

The java.awt.EventDispatchThread catches, logs and ignores the exception, so no client crash happens due to it.

But the FWD code **after** the call are **not executed** due to this exception, this result in that the **next keyboard command** is interpreted in some **unexpected** way.