

## TextCritical.net - Bug #2750

### Browser back/forward buttons don't cause page to change

05/19/2020 06:57 AM - Luke Murphey

<b>Status:</b>	Closed	<b>Start date:</b>	05/20/2020
<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>	4.0		
<b>Description</b>			
<b>Subtasks:</b>			
Bug # 2753: Fix search page browser controls			<b>Closed</b>

#### History

##### #1 - 05/19/2020 04:42 PM - Luke Murphey

- Status changed from New to In Progress

##### #2 - 05/19/2020 05:32 PM - Luke Murphey

Qs:

- What is the best organization for this code?
- What are the things that main index is doing right now?
  - Loading history
  - Routing
  - Route change handling
  - ErrorBoundary
  - Placing of main code in the HTML page
  - Loading of main CSS
- How do I get the router to go off of the new history URL?
- Is there another Router I ought to be using?
- Am I using the history wrong?
  - <https://reacttraining.com/react-router/web/api/Hooks/usehistory>
- Should I use forceRefresh?
  - Didn't work
- Should I use Redirect?
- How do I convert the URL from the update to something I can process?
- Am I using the correct history object?
  - Switched to the one provided

Obs:

- <https://reacttraining.com/react-router/web/example/basic> works without setting the history directly
- This works when changing pages, but not within a page

Solns:

- **[Partial Fix]** Process the change event in componentDidMount()
  - <https://stackoverflow.com/questions/39342195/intercept-handle-browsers-back-button-in-react-router>
- Set the state in history so that I can process this using History.replaceState() and process in componentDidMount()
- Wrap Approuter and have it re-render when route changes
  - Render is called but read\_work doesn't change
  - Read work re-renders too but without a change
- Use Redirect
  - <https://tylermcginnis.com/react-router-programmatically-navigate/>

Refs:

- <https://stackoverflow.com/questions/41911309/how-to-listen-to-route-changes-in-react-router-v4>
- <https://stackoverflow.com/questions/39342195/intercept-handle-browsers-back-button-in-react-router>
- <https://stackoverflow.com/questions/59567624/react-how-to-use-componentdidupdate-for-updating-location-pathname>
- <https://developer.mozilla.org/en-US/docs/Web/API/History/pushState>
- <https://www.chenjianjx.com/in-react-router-dont-use-window-history-pushstate-but-history-push/>: already doing this
- <https://medium.com/@ivantsov/using-react-router-and-history-38c021270829>

**#3 - 05/19/2020 05:48 PM - Luke Murphey**

- *Subject changed from Back/forward buttons don't cause page to change to Browser back/forward buttons don't cause page to change*

**#4 - 05/20/2020 10:15 PM - Luke Murphey**

- *Status changed from In Progress to Closed*