TextCritical.net - Bug #2750

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

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

Status:	Closed	Start date:	05/20/2020
Priority:	Normal	Due date:	
Assignee:	Luke Murphey	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	4.0		

Description

Subtasks:	
Bug # 2753: Fix search page browser controls	**Closed**

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 componentDidUpdate()
    - 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 componentDidUpdate()
- 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