

# How to create hyperlinks

We've currently got a lot of `<a>` tags throughout our site and they seem to work well but as we now know, they're not nearly as efficient as `<Link>` components from React Router. Let's implement that and prove their effectiveness while we're at it.

1. Run the site and navigate to the login component.
2. Open the developer tools and switch to the network tab. (It may be called "net" or "network" in different browsers). Clear the traffic out so you don't see anything.
3. Now back on the page, you should see a link to the right of "First time user?". Click that and look at the network traffic. Is there a little or a lot of traffic? Can you see how much is sent from the server to the browser?
4. Now edit Login.js in your IDE. Change that `<a href>` to be a `<Link to>`. (Hint: You'll need to import Link from react-router-dom).
5. Save, run and test. Notice that the link doesn't appear to have changed but we know better.
6. Clear out the network traffic again and click on the link.

How much traffic was sent this time? Could the advantage to Link be more obvious?

7. Bonus! Go through your site and convert each `<a>` tag to a `<Link>` component.