

Goal

As part of our onboarding process, we guide users through a flow that helps them to configure their first few apps. As part of this process, we present them with a short list of applications to choose from. What we'd like to do is present the user with the most relevant applications by determining which ones they are already using.

Background

Back in the day, there used to be a way to check whether someone had visited a site by looking at the computed style of links. If the link to a website was the same color as the css `:visited` style, you knew that the person had visited the site.

<http://jeremiahgrossman.blogspot.com/2006/08/i-know-where-youve-been.html>

Unfortunately (for us) this trick was patched as a security issue, so we went in search of a new method and found a technique that works by looking at the loading speed of known resources on the target site. If the resource loads quickly, we can assume it was cached, and the user has visited the site recently.

<http://lcamtuf.coredump.cx/cachetime/>

This technique is actually pretty accurate but you have to have a reference to a recent asset and the ones on the demo site are outdated.

Requirements

We would like to use the above technique to experiment with determining which apps a user has visited when they first sign up for bitium. For the purposes of this challenge we would like you to build a Rails application that:

- Has a simple user signup (use devise or something similar so you don't have to spend any time building authentication)
- Has an 'apps' table that stores applications and the url of the resource we will be checking against
- Has an 'apps_users' table (or something similar) that stores the apps that the user has visited

The flow should look something like this:

1. User logs into the application
2. Javascript runs to determine which apps the user has visited
3. An AJAX call sends those app references to the database and associates them with the user
4. The screen updates with a list of apps from the database with the ones the user has visited listed first and highlighted

For the purposes of this exercise:

- You don't need to spend any time on design
- It only needs to work in Chrome

- You only have to include 5 apps

Also, bonus point for:

- Loading the initial apps with a seed file
- Specs ;)
- Your thoughts on how you would go about keeping the asset references up to date