

Goal of the app:

An app/website that searches all archive sites at the same time for any link I want so I don't have to search each one individually

What are we solving:

Basic:

- It's a pain to have to individually search each archive site to see if something is archived

Advanced

- Problem of government websites being taken down or having important information updated/removed
- Less moderation stemming from the .gov domain restriction leads to more efficient and streamlined indexing

User visits website > what happens?

UI display:
Website element for website URL
Website element for selecting date range or single date

Loading Icon

Success

User is redirected to the archive of the URL

Fail

User is shown a "Not found" page

Use today's date if timestamp field empty

User enters URL, timestamp, clicks button/presses enter

Send URL + Timestamp

Code

Archive.org API/
Archive.today API
(same logic for both, branch split later)

Find page closest to timestamp

Yes

Return that URL + timestamp from archive link + user-provided timestamp

Pick the URL closest to the User timestamp from all APIs

Return

Send URL + timestamp further along if received from previous code, else return null?

If URL not found

Display not found page

If URL found

Display timestamp + URL found

Wait 2? seconds

Redirect to URL

Does URL exist on server?

No

Return undefined/null

Return