

Lazy Load Transcript

Overview

The objective of this challenge is to display a large transcript in an efficient way and provide a means by which a translation of the transcript can be generated and shown.

The transcript should be loaded from an S3 bucket, details of which are supplied, but not directly - a proxy server should be built and deployed that will provide a REST API for loading the transcript.

Using React and associated tools/frameworks, create a lazy loading view of the transcript supplied. The view should lazy load in two situations: firstly, when the user has scrolled to the end of the visible portion of text; secondly, when the user presses a “Next Page” button.

The JSON file supplied in the S3 bucket contains an array of words, each with a paragraph identifier. Paragraphs should be separated appropriately in the final display.

Additionally, it should be possible to translate the transcript into French. When the “Translate” button is pressed, the transcript should be submitted to Google’s Translation API and the translated transcript should be displayed alongside the original in a tabbed interface.

The transcript is located at:

`https://s3.amazonaws.com/com.trint.misc.challenge/transcript.json`

The next page contains a wireframe illustrating the layout.

Deliverables

Please provide the following:

- Source code for your solution (ideally a GitHub repository)
- A URL on which the solution can be viewed

Wireframe

