

User creates a note on traditional app

BROWSER

SERVER



HTTP POST
https://fullstack-exampleapp.herokuapp.com/new_note
Request body: { note: "my new note" }

Server creates an object with content and date of the posted note and saves it in memory

302 Redirect, Location '/notes'

Browser receives redirect so it does a HTTP GET request to the "Location" Header provided by server

HTTP GET
https://fullstack-exampleapp.herokuapp.com/notes

HTML document

Browser starts parsing the html code and finds a link to "main.css" file so it fetches the file from server.

HTTP GET
https://fullstack-exampleapp.herokuapp.com/main.css

main.css file

Browser resumes parsing and finds another link to a javascript file "main.js" which it fetches immediately

HTTP GET
https://fullstack-exampleapp.herokuapp.com/main.js

main.js file

Browser starts executing js-code which contains code to fetch /data.json file from the server

HTTP GET
https://fullstack-exampleapp.herokuapp.com/data.json

[{ content: "my new note" date: "2020-06-22" }]

Browser triggers readyState event and if status is 200 browser parses the json response and renders it as list