

Browser

Server

1: GET https://studies.cs.helsinki.fi/exampleapp/spa

1.1: 304 Not Modified; returns the HTML code for the note list page

The browser parses the received HTML page and loads the resources referenced from the HTML page.

2: GET https://studies.cs.helsinki.fi/exampleapp/main.css

2.1: 304 Not Modified; returns the requested CSS file

3: GET https://studies.cs.helsinki.fi/exampleapp/spa.js

3.1: 304 Not Modified; returns the requested JavaScript file

The browser starts to execute the JavaScript code in spa.js.

4: GET https://studies.cs.helsinki.fi/exampleapp/data.json

The server produces a JSON chunk containing a list of saved notes.

4.1: 304 Not Modified: [{"content":"szevasztavasz","date":"2021-04-11T14:14:20.552Z"}, ...]

The JavaScript code instructs the browser to add the note list to the open HTML page

5: GET https://studies.cs.helsinki.fi/favicon.ico

5.1: 200 OK: Instead of the requested favicon, returns a short HTML page.