note over browser:

browser starts executing js-code

that requests JSON data from server

end note

browser->server: HTTP GET https://studies.cs.helsinki.fi/exampleapp/spa.js

note right of server:

The POST request to the address new\_note\_spa contains

the new note as JSON-data containing both the content

of the note and the timestamp:{content: "vinay", date: "2021-05-25T15:38:59.622Z"}, ...]

end note

server-->browser: HTML-code

note left of browser:

The browser stays on the same page,

and it sends no further HTTP requests.

end note

note right of server:

The server does not ask for a redirect

end note

note left of server:

The command document.getElementById('notes\_form')

instructs the code to fetch the form-element from the

pageto handle the form submit event. The event

handler immediately calls the method e.preventDefault()

handling of form submit

end note

note right of browser:

Then the event handler creates a new note,

adds it to the notes list with the command

notes.push(note), the note list on the page

and sends the new note to the server

end note