AMC BOOTCAMP

Session: ClientLibs

Problem-1: Create a component with a dialog and having color drop down (green, blue, black etc) and one rich text editor for authoring text. This component is supposed to render text and apply chosen color to text.

Ans: IntelliJ Idea project with the name of **'clientLibAssignment'** added in the repository. The '**colored-text**' component is created based on the requirement and its clientlib is present within the component folder itself (`ui.apps/src/main/.../components/custom/colored-text`)
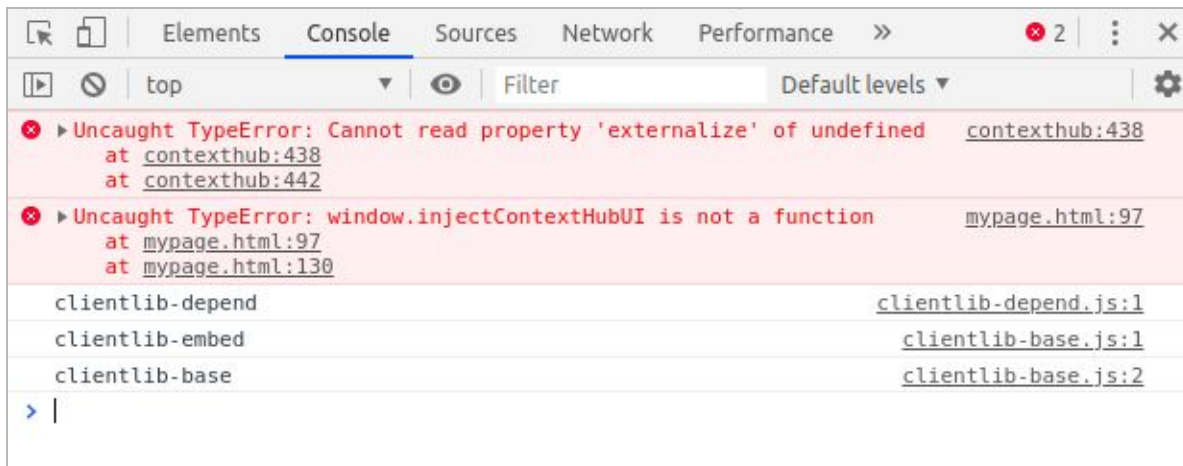
Problem-2: How many requests are made when you embed a clientLib which itself has one dependency?
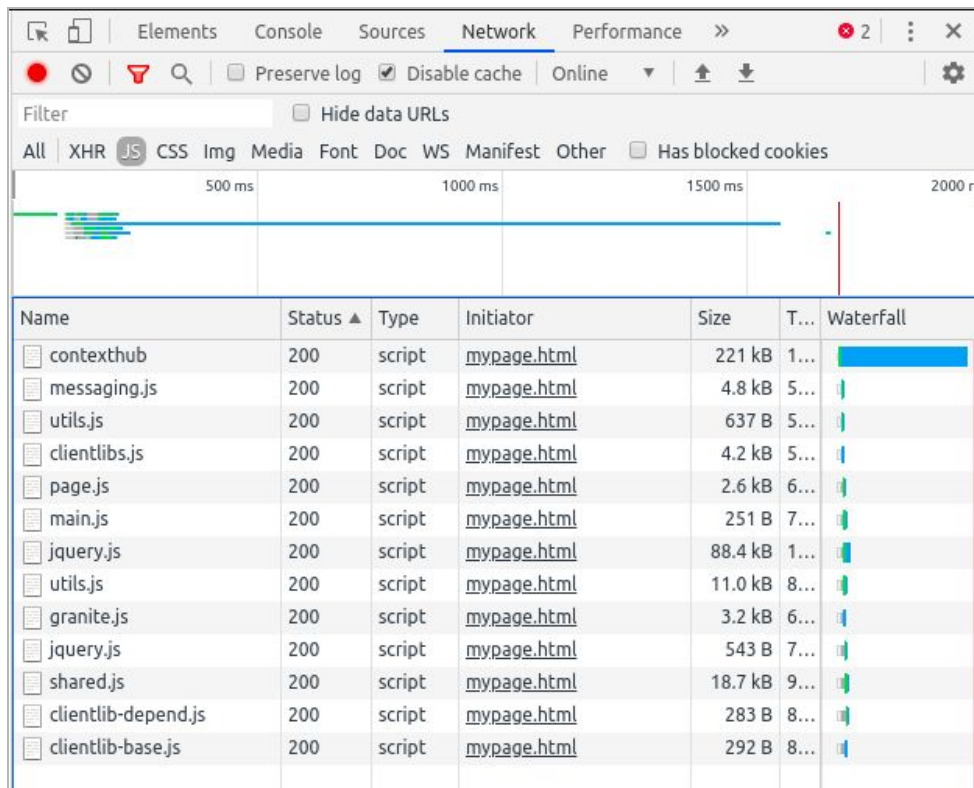
Ans: 2 requests are made to the server.

Considering we have 3 clientlibs:
- a. **Clientlibs-base** (embeds Clientlibs-embed)
- b. **Clientlibs-embed** (depends on Clientlibs-depend)
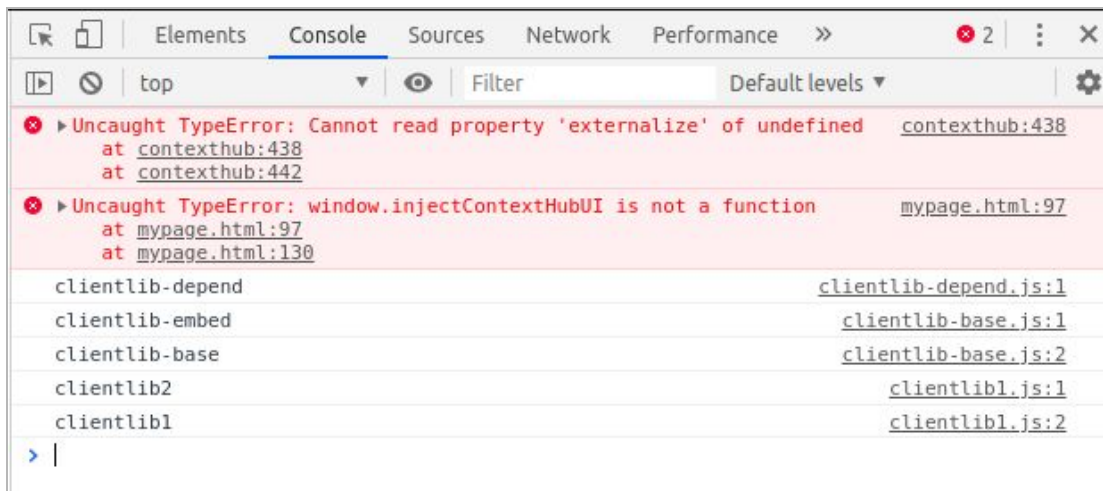- c. **Clientlibs-depend**

Based on this scenario, the first request is made for the **clientlibs-depend**, and the second is made for **clientlibs-base**. <u>All three clientlibs are loaded.</u>
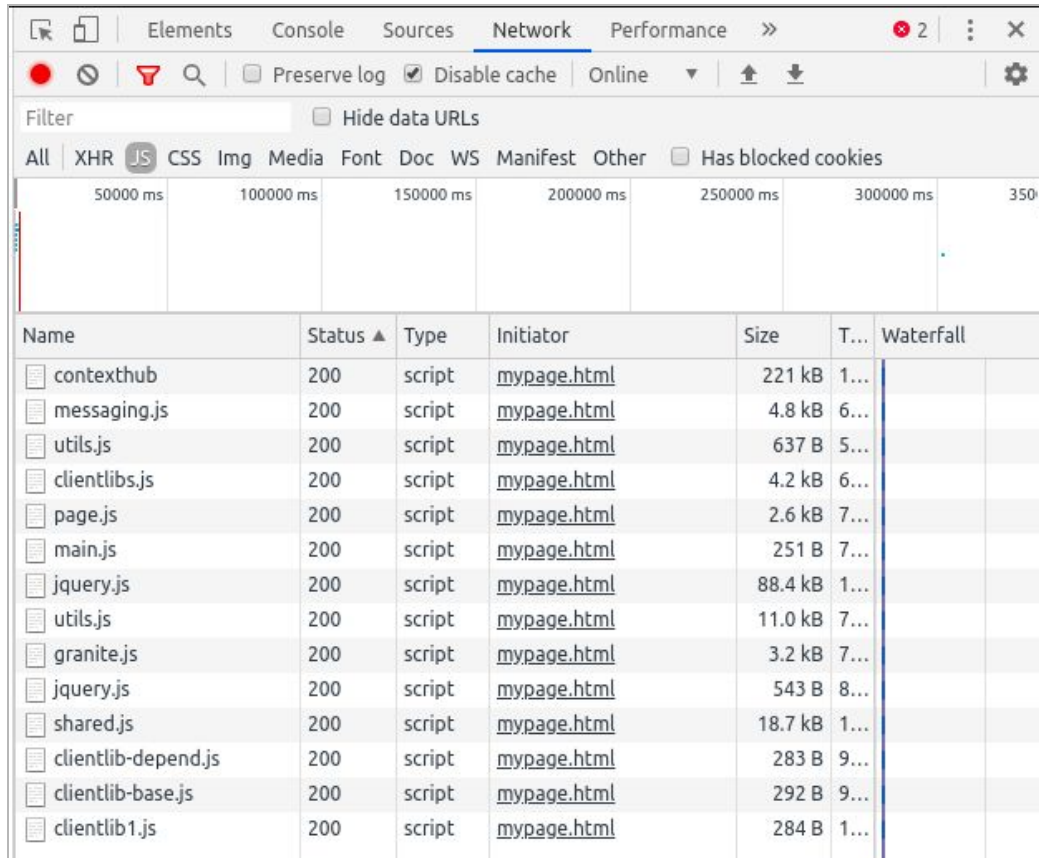
Problem-3: Create 3 clientlibs. Embed clientlib3 in clientlib2 and clientlib2 in clientlib1. State the observation with respect to the number of calls and content of clientlib.

Ans: Only a single call is made to the server in the form of **clientlib1.js**.

However, since embed property is NOT transitive, therefore only clientlib1 and clientlib2 are loaded with **clientlib2** being loaded above **clientlib1**.