

Back to the Future 2

Goal

Let's take another trip to the past, and browse to the world's first website using a modern browser. We'll learn how to use Chrom Developer Tools to see and analyze the insides of the website.

Instructions

Part 1: Inspect HTTP Headers

1. Open Google Chrome and navigate to `http://info.cern.ch/hypertext/WWW/TheProject.html`.
2. Access Chrome's Developer Tools by right-clicking on the page and selecting **Inspect**, or by pressing **F12** (Windows) or **Cmd+Opt+I** (Mac).
3. Click on the **Network** tab, which displays all network activity by the browser. If you don't see any data, refresh the page with the Network tab open.
4. Click on the first item in the list, usually the HTML document itself. Here, you'll see two key sections: **Headers** and **Response**.
5. Under the **Headers** section, examine the "General", "Response Headers" and "Request Headers" and answer the following questions:
 - Do you recognize any familiar headers (and other info - e.g, status codes)? Write down a list of things familiar to you in your text file for submission
 - There are many new headers here. Let's take a look, for example, at the "Accept" header under **Request Headers**. Do you have any guess what does it mean? If not, use Google to find out, and write in your own words your findings in the same submission text file.

Part 2: Manipulate the HTML

1. Switch to the **Elements** tab within Chrome Developer Tools. Here, you'll see the HTML that makes up the page.
2. Right-click on the **<h1>** tag containing "The World Wide Web project" and select **Edit as HTML**.
3. Change the text within the **<h1>** tag to something else, like "Welcome to Sentinel!" and click outside the edit box to apply the change.
4. Observe how the webpage immediately reflects your changes.
5. Take a screenshot of the updated webpage.
6. Answer the following question in the same submission text file:
 - Why do you think that Google Chrome (or any other browser) let's the user change the page display so easily? Why do you think it's useful?

To Submit

- A text file containing your answers for:
 - List of any familiar headers
 - Explanation of Accept headers
 - Reasons why your browser allows user changes to the page display so easily.
 - How is changing display useful.
- A screenshot of the updated page.

