

CS-297 PRESENTATION 2

Week of October 10

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NETWORK TAB OF DEMO

The screenshot shows a web browser at `localhost:8000/blog` displaying a page titled "Project Blog". The page content includes a heading "Project Blog", a sub-heading "Week 5: Oct 3rd, 2023", a paragraph "Notes for Week 5 go here.", another sub-heading "Week 4: Sept 26th, 2023", and a paragraph "Notes from professor:" followed by a bulleted list of instructions.

The Network tab in DevTools is open, showing a waterfall chart and a table of requests. The table lists two requests: "blog" (document, 1.2 kB, 5 ms) and "styles.css" (stylesheet, 51.1 kB, 21 ms). The total load time is 443 ms.

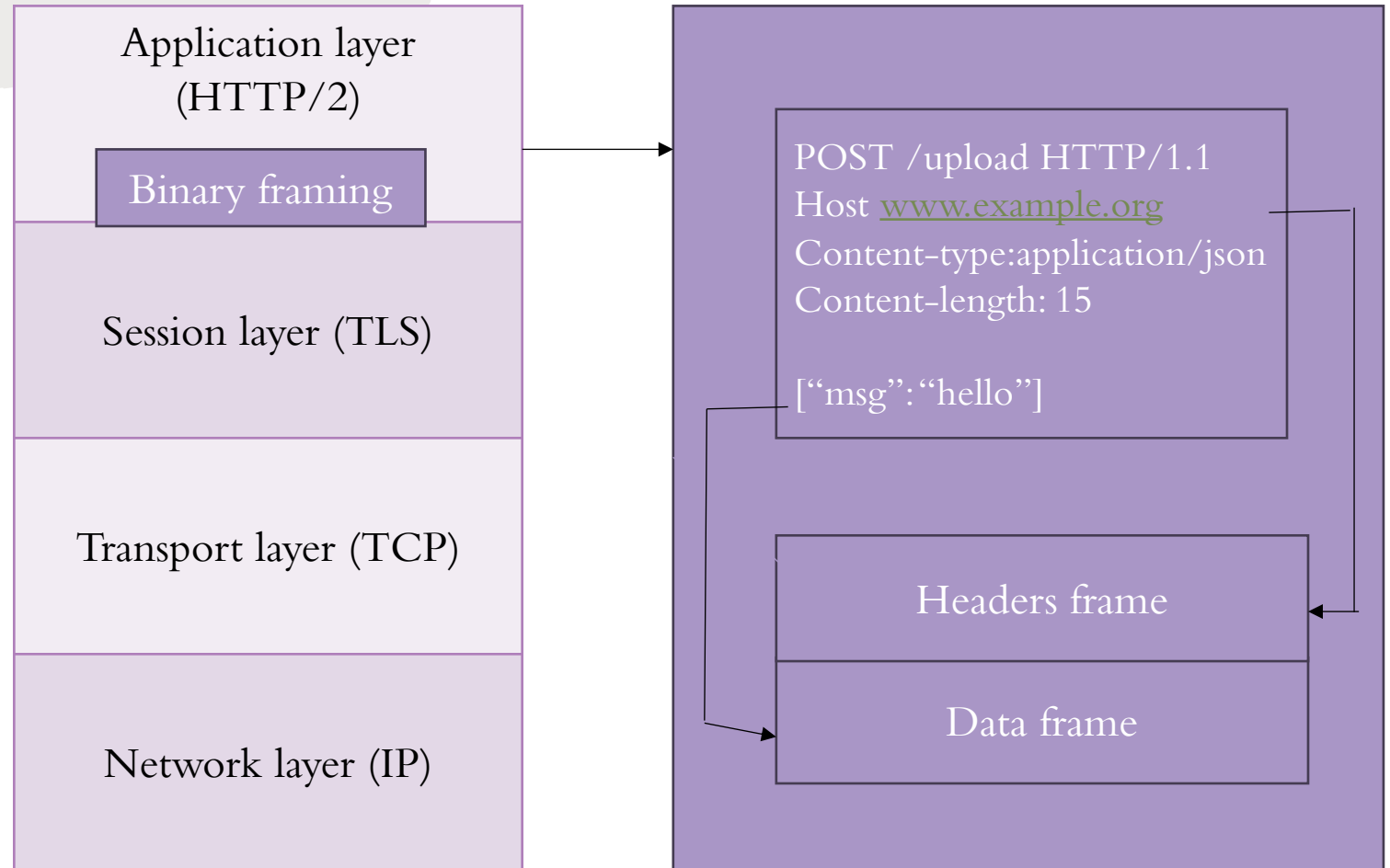
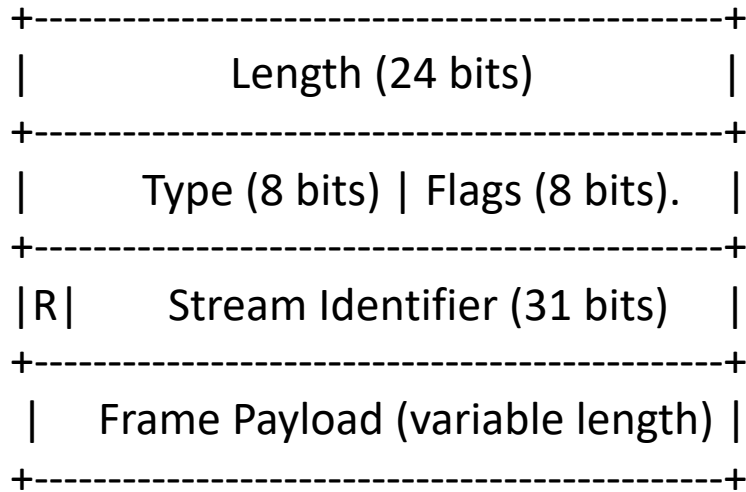
Name	Status	Type	Initiator	Size	Time	Waterfall
blog	200	document	Other	1.2 kB	5 ms	
styles.css	200	stylesheet	contentScript.bundle.js:1	51.1 kB	21 ms	

2 requests | 52.3 kB transferred | 52.3 kB resources | Finish: 485 ms | DOMContentLoaded: 97 ms | Load: 443 ms

Console: What's New

```
⚠ DevTools failed to load source map: Could not load content for chrome-extension://iindnbjijdkbmajdffnidomddglmieko/sourceMap/detect-editors.js.map: System error: net::ERR_BLOCKED_BY_CLIENT
```

BINARY FORMAT OF GET REQUEST



ACTUAL TRANSLATION TO BINARY

HTTP/2 Inside: binary

HTTP/2.0 request:

```
00 00 9D 01 25 00 00 00 01 00 00 00 00 B6 41 8A  ..%  .  .A.  
90 B4 9D 7A A6 35 5E 57 21 E9 82 00 84 B9 58 D3  ...z.5^W!... ..X.  
3F 85 61 09 1A 6D 47 87 53 03 2A 2F 2A 50 8E 9B  ?.a..mG.S.*/*P..  
D9 AB FA 52 42 CB 40 D2 5F A5 11 21 27 51 8B 2D  ...RB.@._...!'Q.-  
4B 70 DD F4 5A BE FB 40 05 DE 7A DA D0 7F 66 A2  Kp..Z..@...z...f.  
81 B0 DA E0 53 FA D0 32 1A A4 9D 13 FD A9 92 A4  ....S..2.....  
96 85 34 0C 8A 6A DC A7 E2 81 04 41 04 4D FF 6A  ..4..j.....A.M.j  
43 5D 74 17 91 63 CC 64 B0 DB 2E AE CB 8A 7F 59  C]t..c.d.....Y  
B1 EF D1 9F E9 4A 0D D4 AA 62 29 3A 9F FB 52 F4  ....J...b):...R.  
F6 1E 92 B0 D3 AB 81 71 36 17 97 02 9B 87 28 EC  ....q6.....(  
33 0D B2 EA EC B9
```

HTTP/1.1 request:

```
GET / HTTP/1.1  
Host: demo.nginx.com  
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8  
User-Agent: Chrome/47.0.2518.0
```