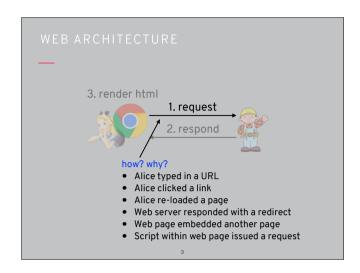
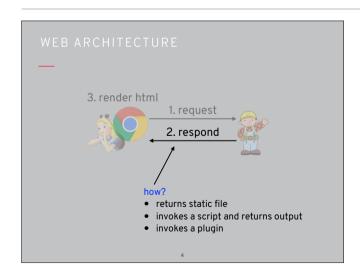
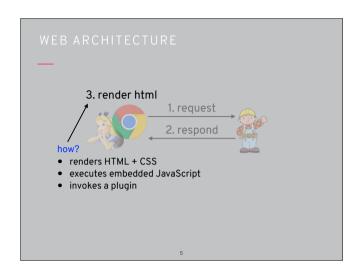


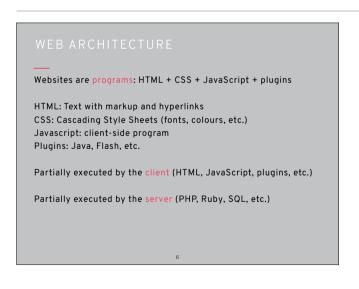
We've seen that there are three simple steps for getting content in a browser



Worth digging into each of the steps in a little more detail to understand how and why they happen







Just like we saw last time, running programs can be the root of a lot of problems

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Here's just a little demo to show how complex (and different) websites can be, we've come a long way from simple text and links

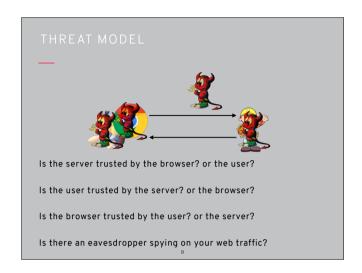
## WEB SERVER

Serving static content (HTML + CSS page)

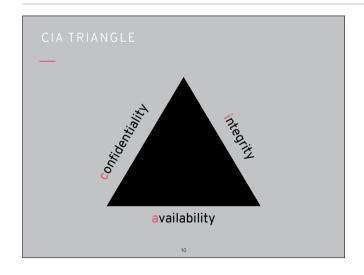
## Generating dynamic content

- CGI: PHP, Python, etc.
- Web server modules: Rails, etc.
- Database backend: SQL

8



The threat model is very complex here since any component needs to be treated as potentially malicious. We'll explore attacks from all of these different potentially adversaries this week



Let's go back and revisit these notions of CIA (and in particular confidentiality and integrity) in the context of web security