



CS 4241

WebWare

links, urls

put the “H” in HTTP

HyperText Transfer Protocol

Basic idea: links in documents that take you to other documents.

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Key insight: in web-based systems, a need for a “location” identifier.

enter, the “URL”

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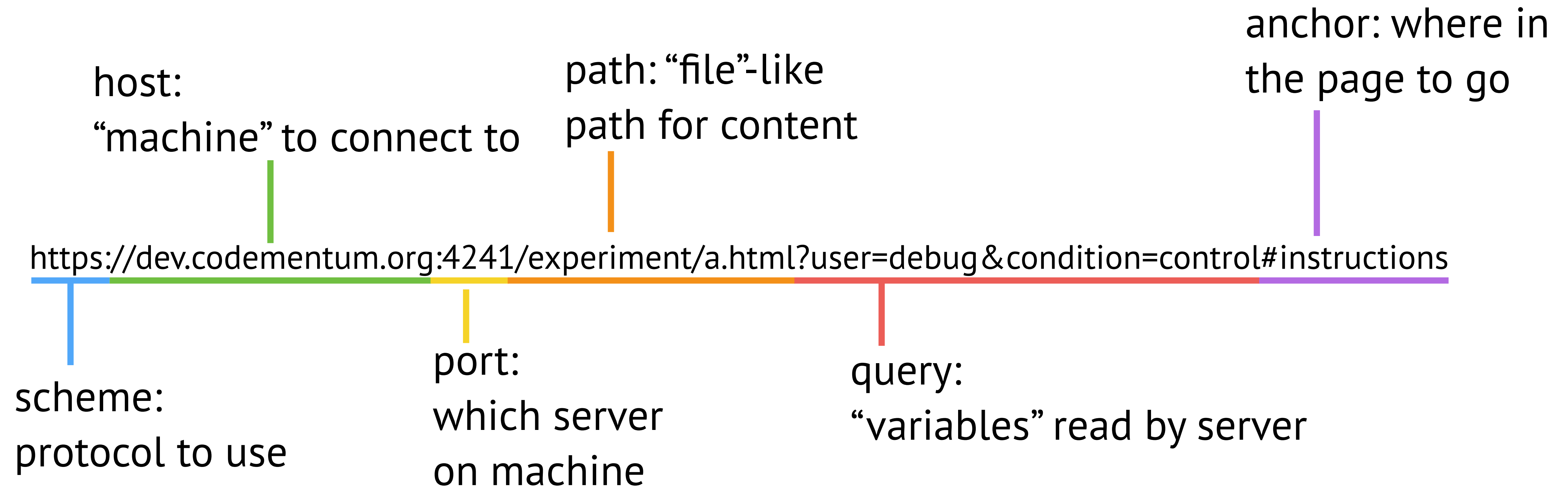
Key insight: in web-based systems, a need for a “location” identifier.

enter, the “URL”



(are you a fan of hyperlinks? thank HCI researchers, like Doug Englebart ^)

Uniform Resource Locators



URL Schemes

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file:// — address on your hard drive

mailto:// — open your email program w/ parameters

can be annoying; can be useful

have you seen others?

URL Path

old school:

- location of file on server (e.g. movies.html)
- programs that will generate the html (e.g. movies.php)

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lately:

- “routes” to data or function parameters
- e.g., do you think there's a separate .html page for every twitter/fb user?

URL Query Parameters

`?search=jaws&utm_source=facebook&utm_medium=social&utm_campaign=4241-a3`

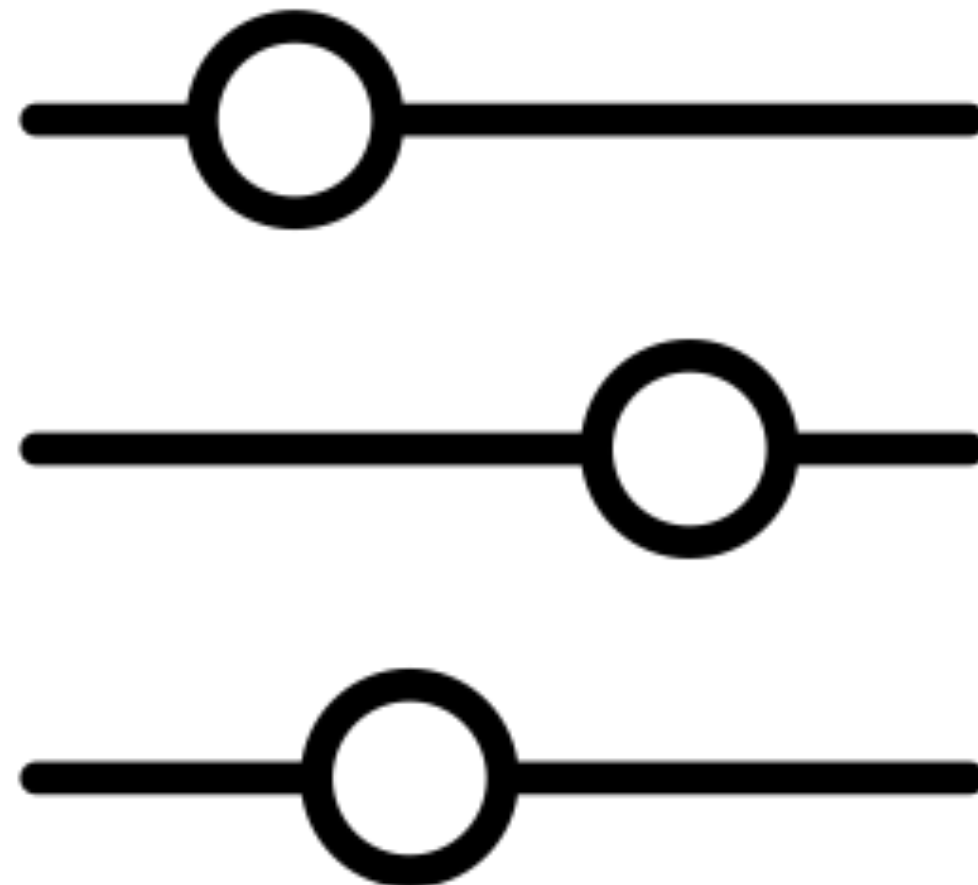
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query parameters are “variables” for your page



URL Encoding

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solution: %XX where XX is the hex value

protips:

- when you see a % in a URL, you now know what is going on
- if you're writing .js to generate URLs, be wary

