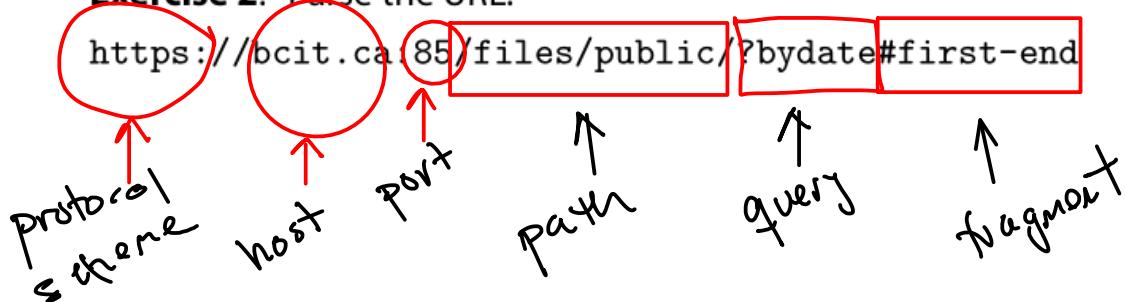


# Lecture 23 - HTTP

**Exercise 1:** What might be some advantages and disadvantages of using text-based protocols?

- ad:
- easy to read & debug & implement
  - independent of - character mappings
    - byte & bit ordering
- dis:
- in some cases may be less efficient  
(binary)

**Exercise 2:** Parse the URL:



**Exercise 3:** URL-encode the string Hi 's?, escaping all characters other than letters.

Hi 's?  
H;%27s%3f

**Exercise 4:** What might the content-type text/csv mean?

text in comma-separated values (csv) format.