Outline

networks

Notes
roundly connected
ring topology

wait for the token
centrally connected
star configuration

server runs things
all connected
bus configuration

cooperate and back off
network of networks

local networks interconnected by gateways
(click images)
the medieval internet

- email
- file transfer protocol
- Network File Service
- Tim Berners-Lee: WWW impossible without open protocols
now the internet $\approx$ WWW
antipodal clicking...

- where’s the content?
- how’s it move around
- who’s in charge?
can you believe the web?

- Every browser session requires an exchange of trust, from both sides

- There is a combination of broad-based publishing and powerful media interests

- The jury is still out on accuracy, for example Wikipedia versus Britannica
flatten

; flatten : list -> list
(define (flatten L)
  (cond
   [(cons? L) (apply append (map flatten L))]
   [else (list L)]))

; predict what (flatten 3) does

; predict what (flatten (list 3)) does

; predict what (flatten (list 1 2 (list 3))) does
(define (depth L)
  (cond
    [(cons? L) (+ 1 (apply max (map depth L)))]
    [else 0]))

; predict what (depth 3) does

; predict what (depth (list 3 4)) does

; predict what (depth (list 3 4 (list 5 6))) does