CSC104 fall 2012
Why and how of computing
week 9

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Text: Picturing Programs
Outline

networks

recursion

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?
How do you recognize a palindrome, such as “rotor” or “ACTAGATCA”? 

- given/required?
- check-expect a small example or two
- try to state the recipe
sierpinski’s triangle

Check out *Scary Sierpinski Skull Time* by Vi Hart.

How would you build these?

- given/required?
- doodle a bit
- the recipe must use itself
- check-expect will use recipe...?