

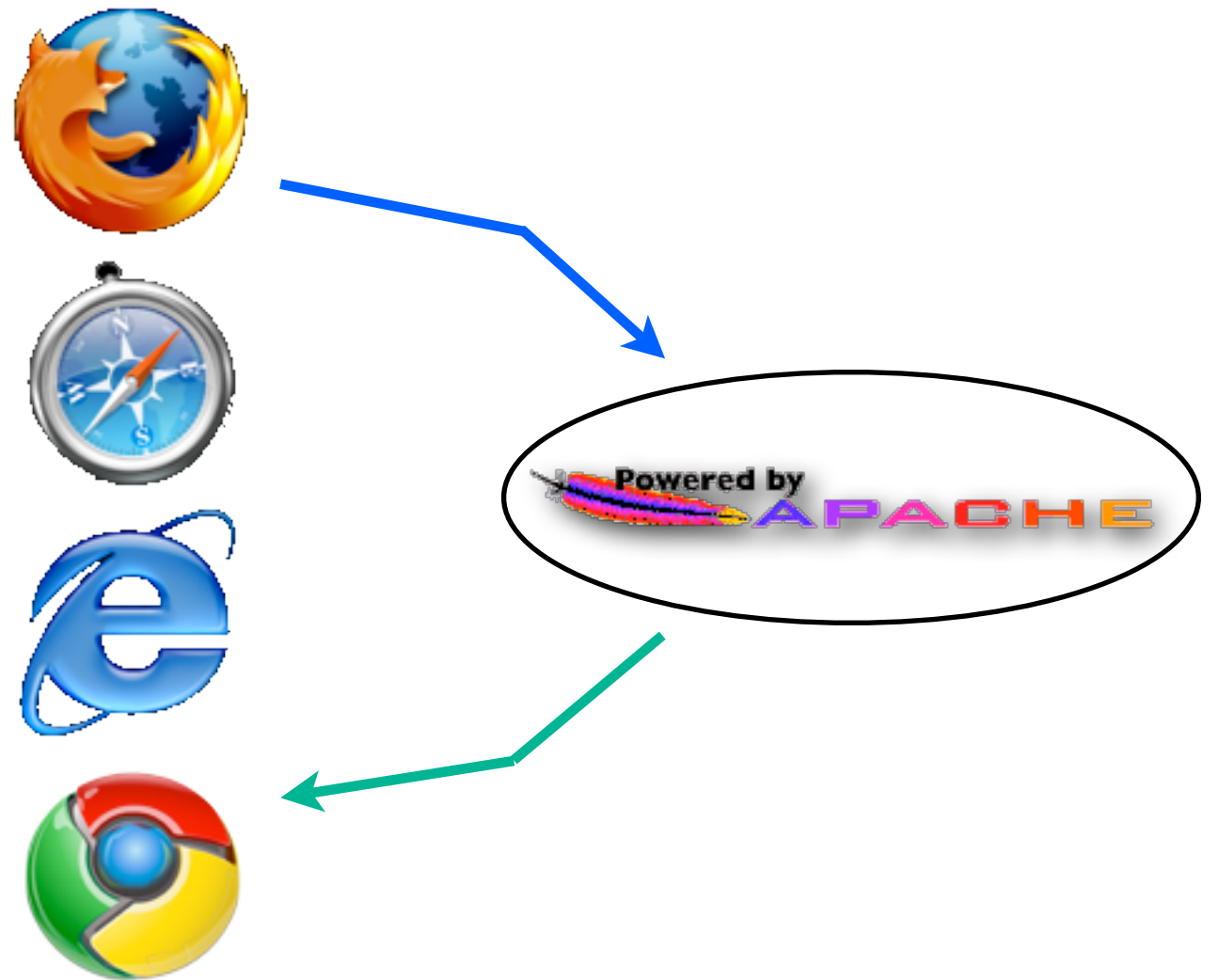
# Web Sites

How do they work?

# Web Surfing

Browser requests web page from server

Server finds web page and sends it to browser



# Web Surfing

How does the browser know where the server is?

- Domain Name Lookup
- `http://www.cnn.com`
- `http` - Protocol
- `com` - Top Level Domain
- `cnn` - Second Level Domain
- `www` - Subdomain



# Web Surfing

How does the browser know where the server is?

Domain Name Lookup

http://www.cnn.com

- Convert domain name to IP address
- IP address is just like a street address
- Example: 192.168.0.115



http://www.cnn.com  
http://64.236.24.28



# Web Surfing

How does the server know what page to send?

- Directories - Just like your hard drive

- `www.cnn.com/` (root)
  - `2015/` (1st Level)
  - `TECH/` (2nd Level)
  - `index.html` (web page)



`http://www.cnn.com/2015/TECH/index.html`



# Web Pages

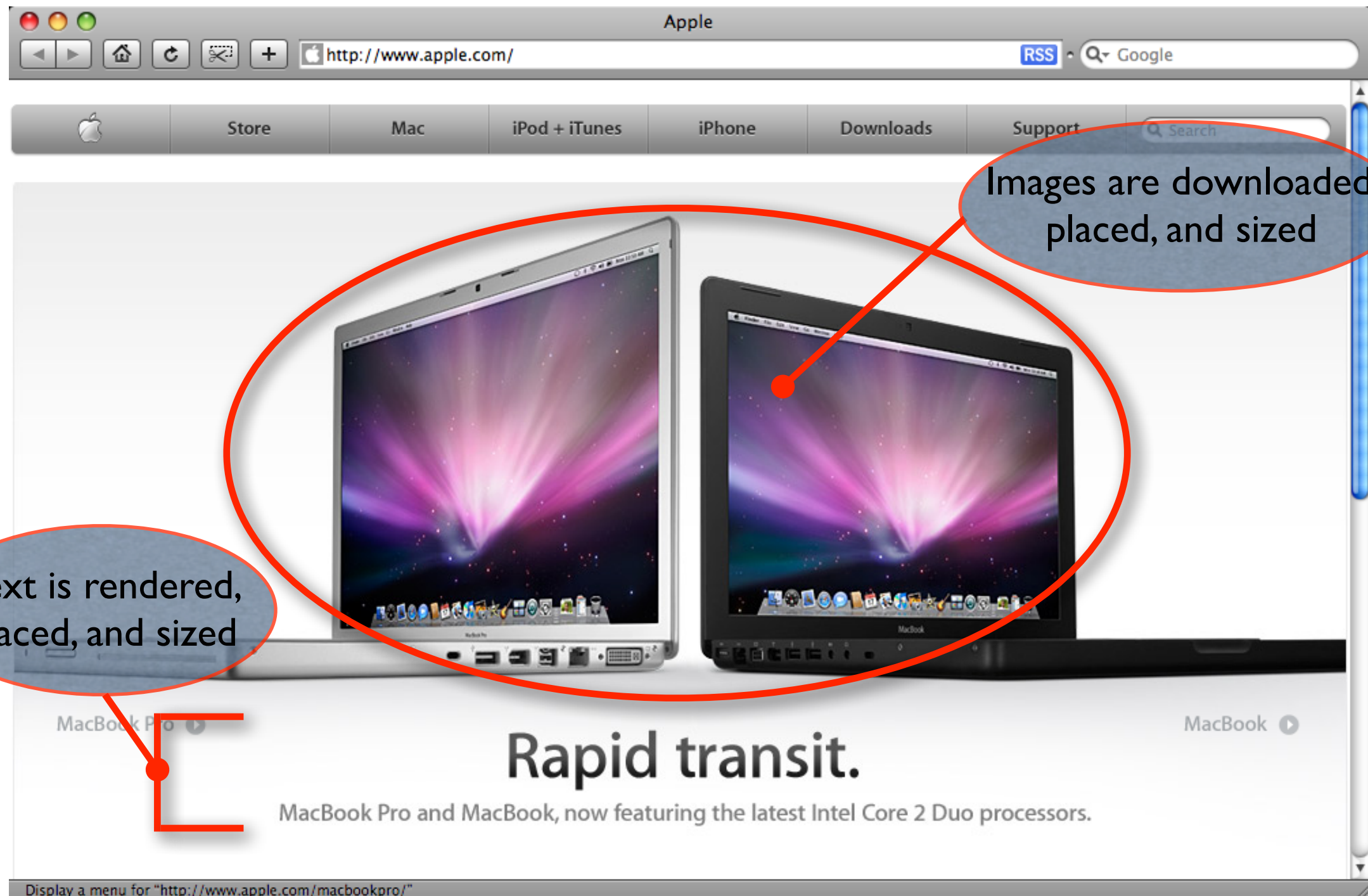
What does a web page look like?

- It's not formatted like a Word document.
- They are built each time they are viewed.
- Text - Positioning, Colors, Sizing, etc.
- Graphics - Positioning, Scaling, etc.
- Dependent upon the browser.



# Web Pages

What does a web page look like?





# Web Pages

What does a web page look like?

