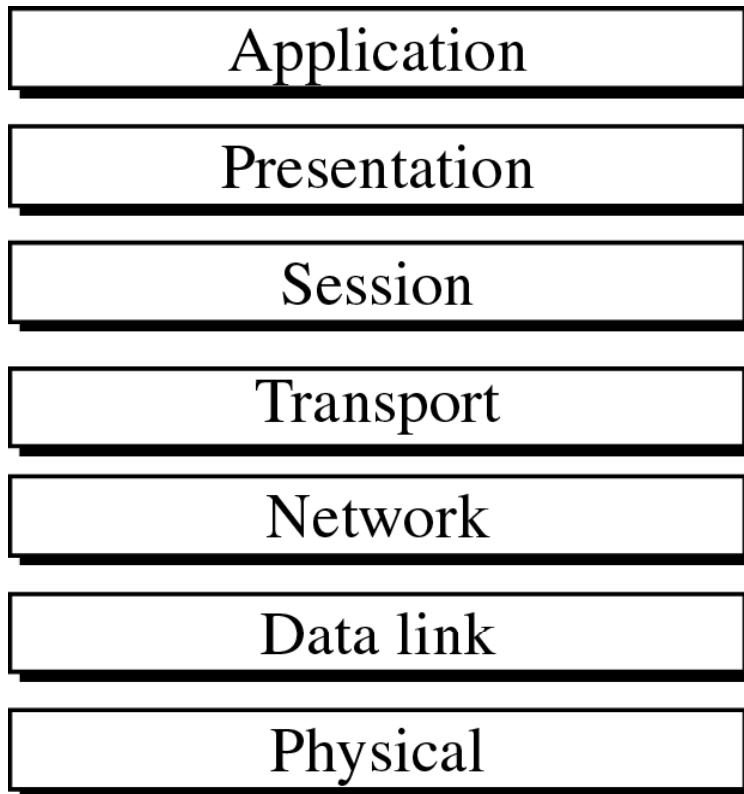


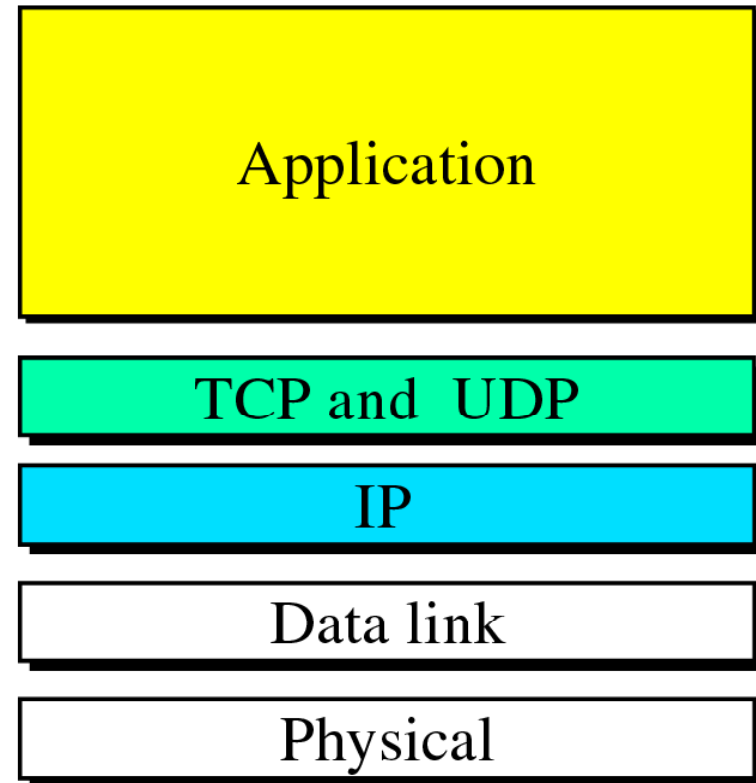
***TCP/IP
Protocol Suite:
Part 2,
Application Layer***

Figure 25-1

Comparison between OSI and TCP/IP



OSI model



TCP/IP protocol suite

Figure 25-2

Client-Server Model

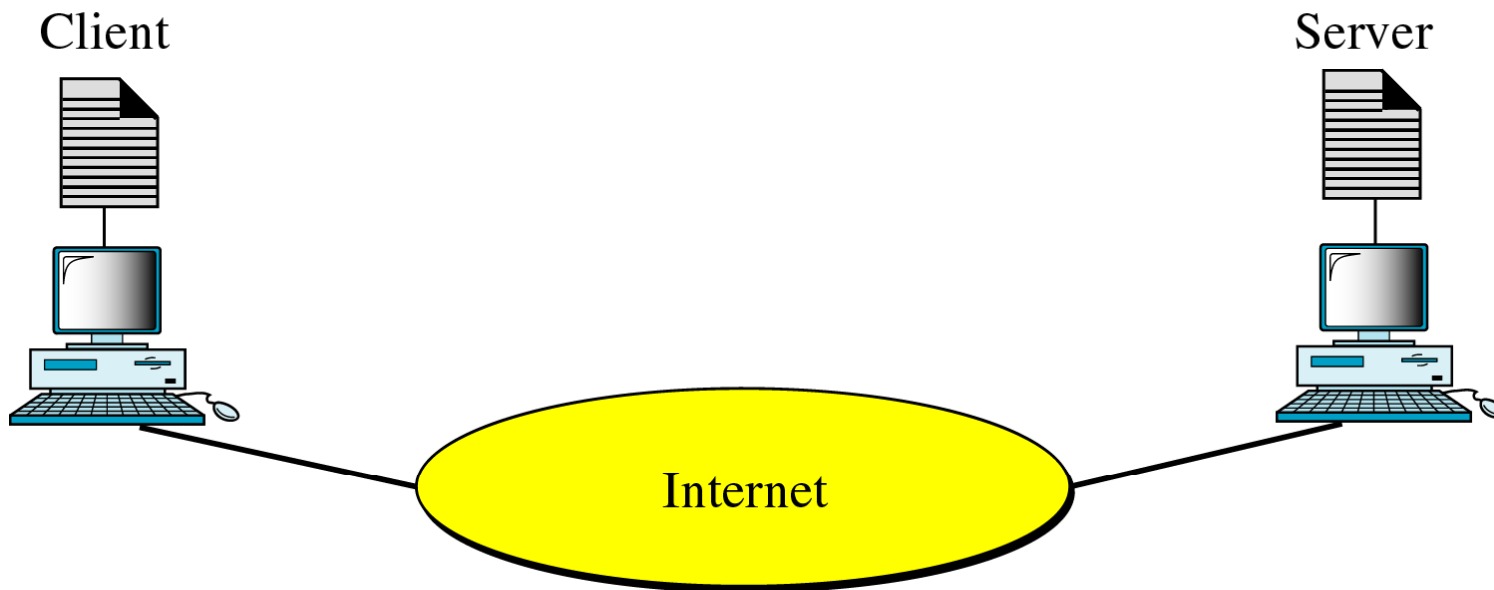


Figure 25-3

DNS in the Internet

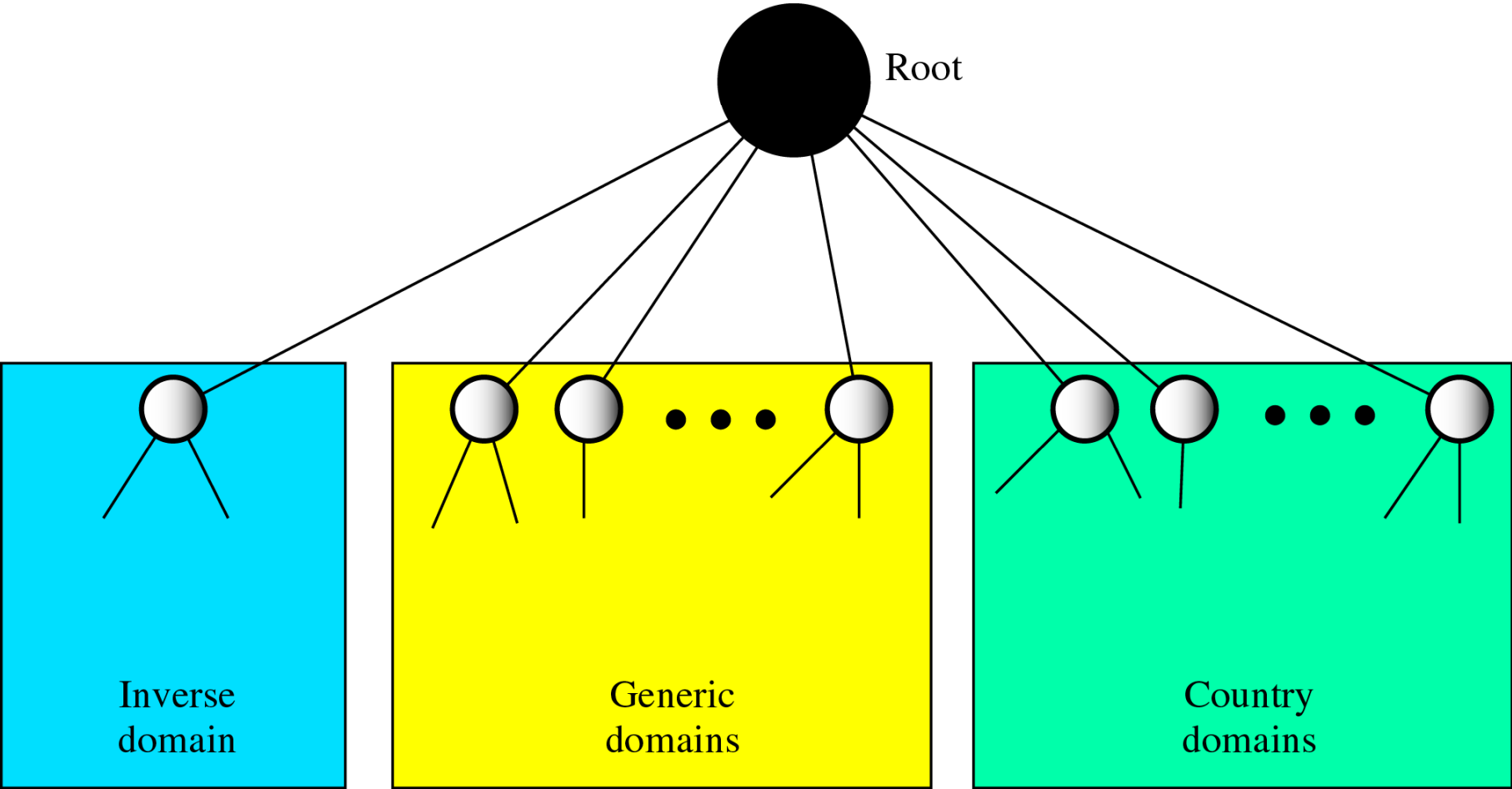


Figure 25-4

Generic Domains

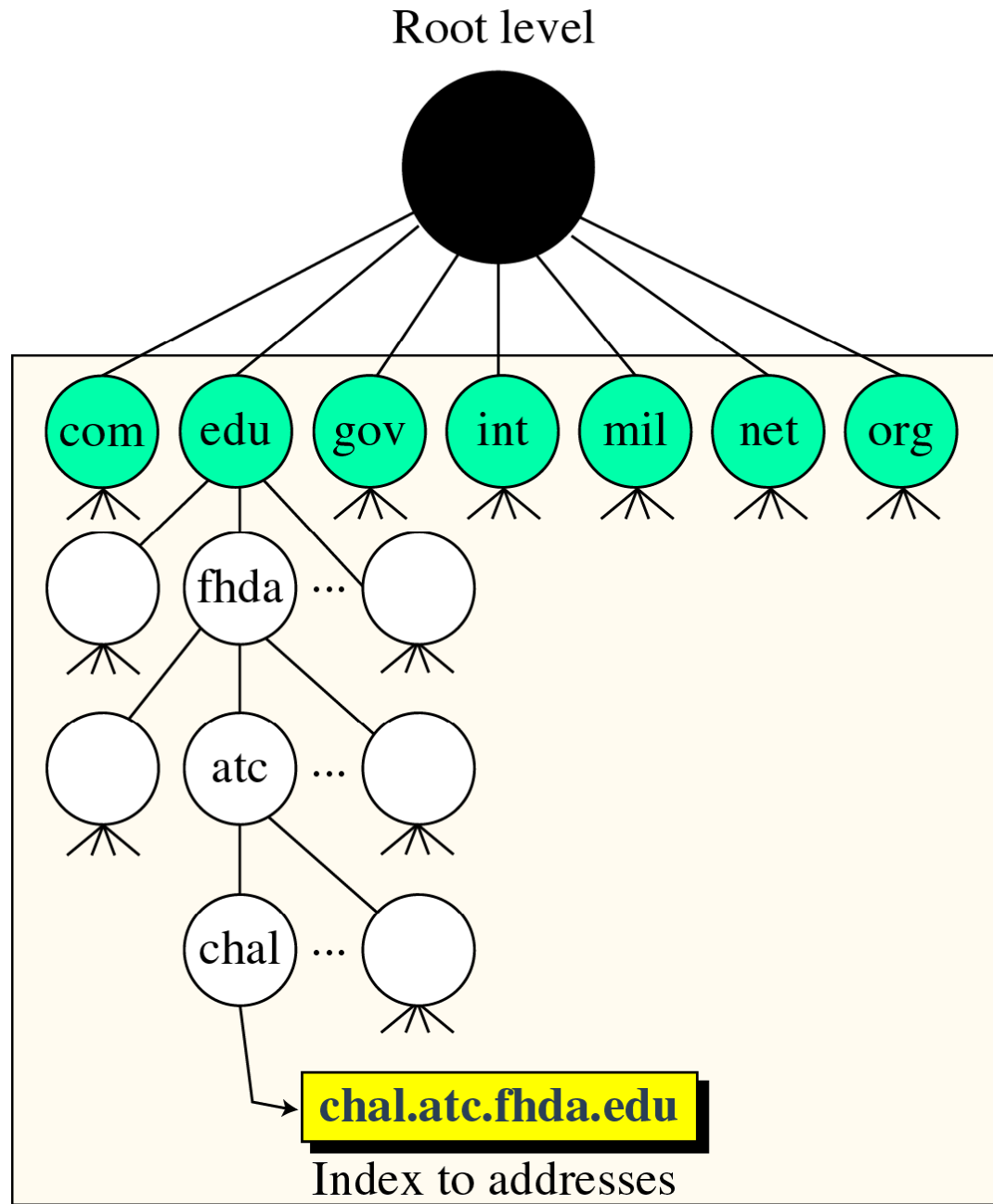


Figure 25-5

Country Domains

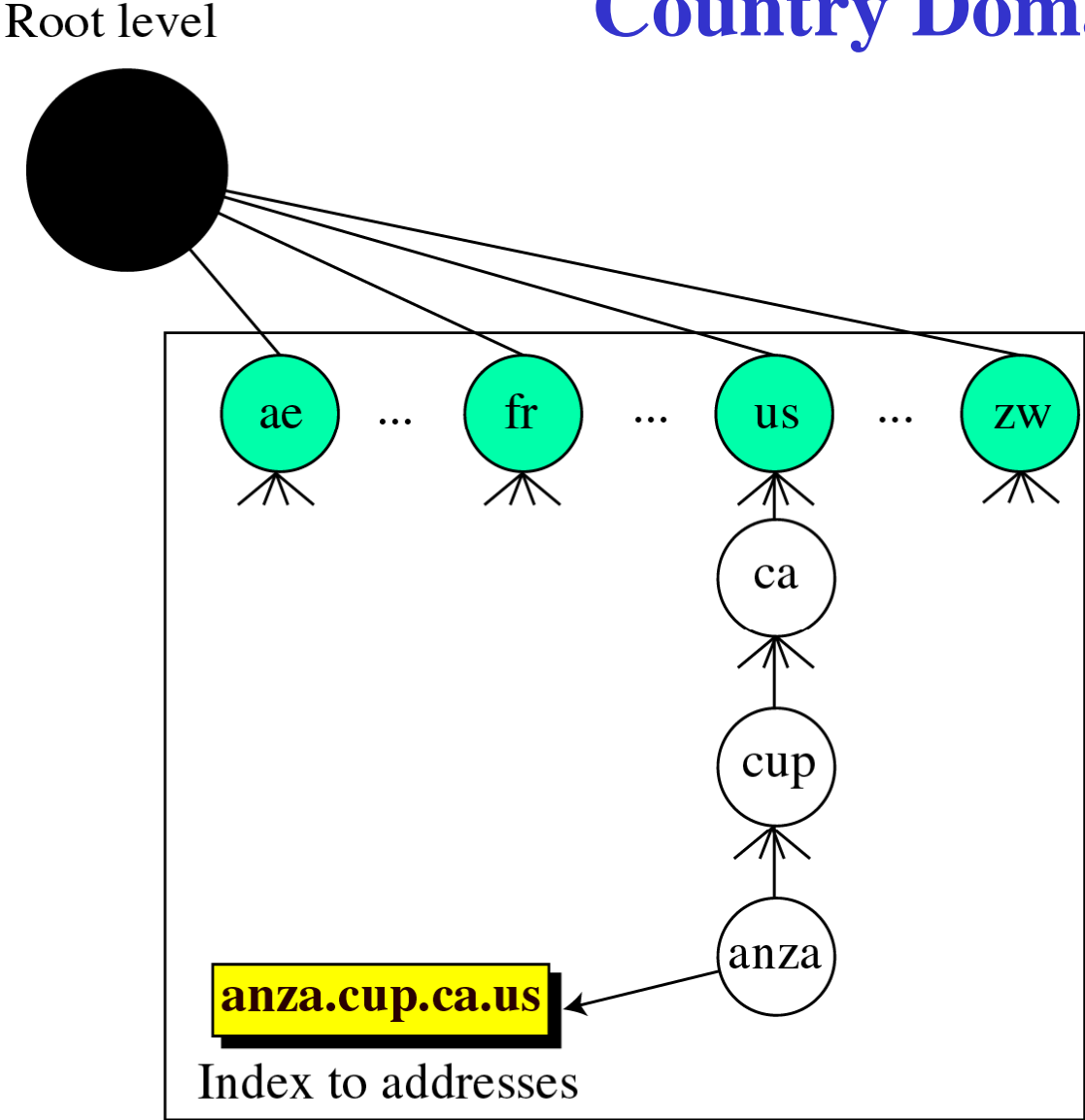


Figure 25-6

Inverse Domain

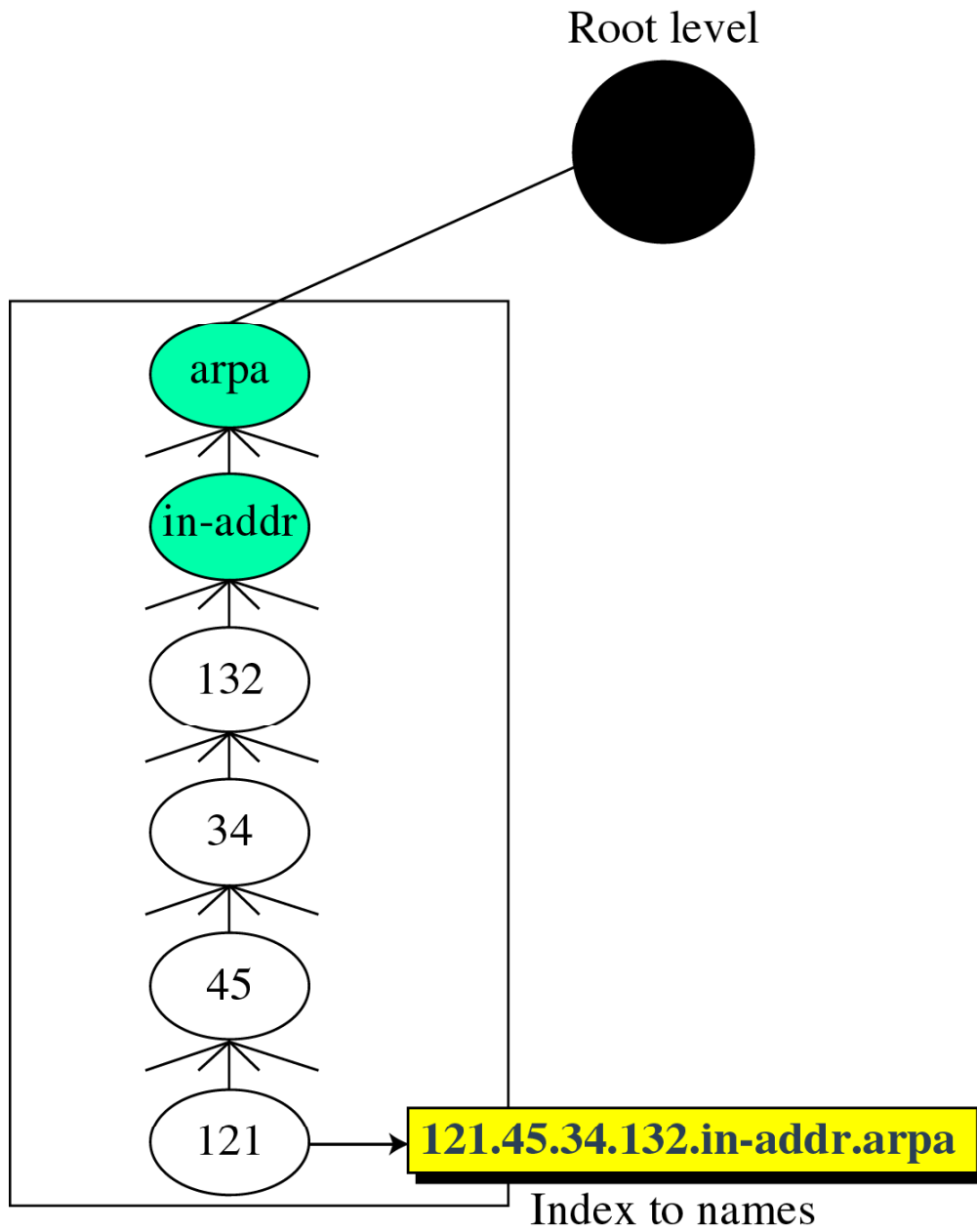


Figure 25-7

Local Login

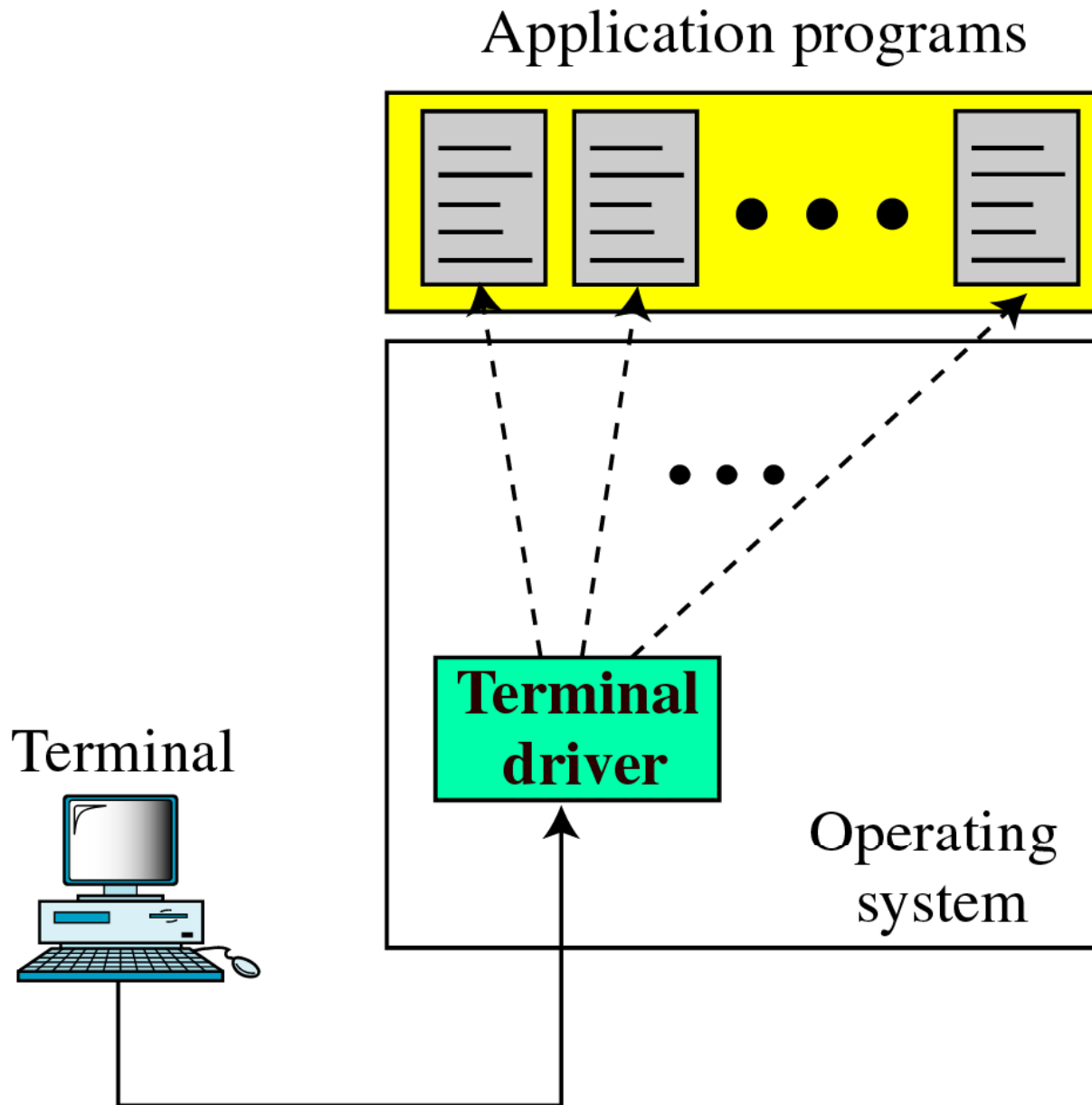


Figure 25-8

Remote Login

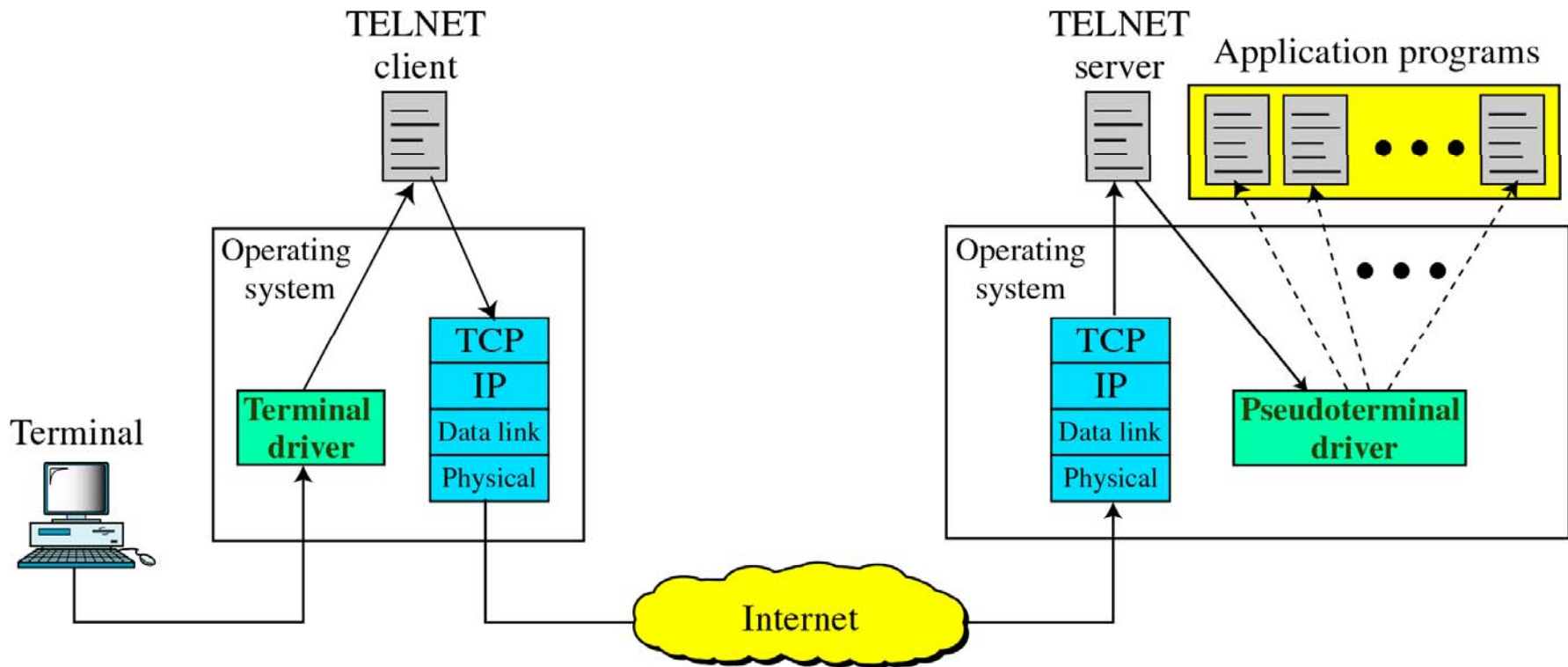


Figure 25-9

Concept of NVT

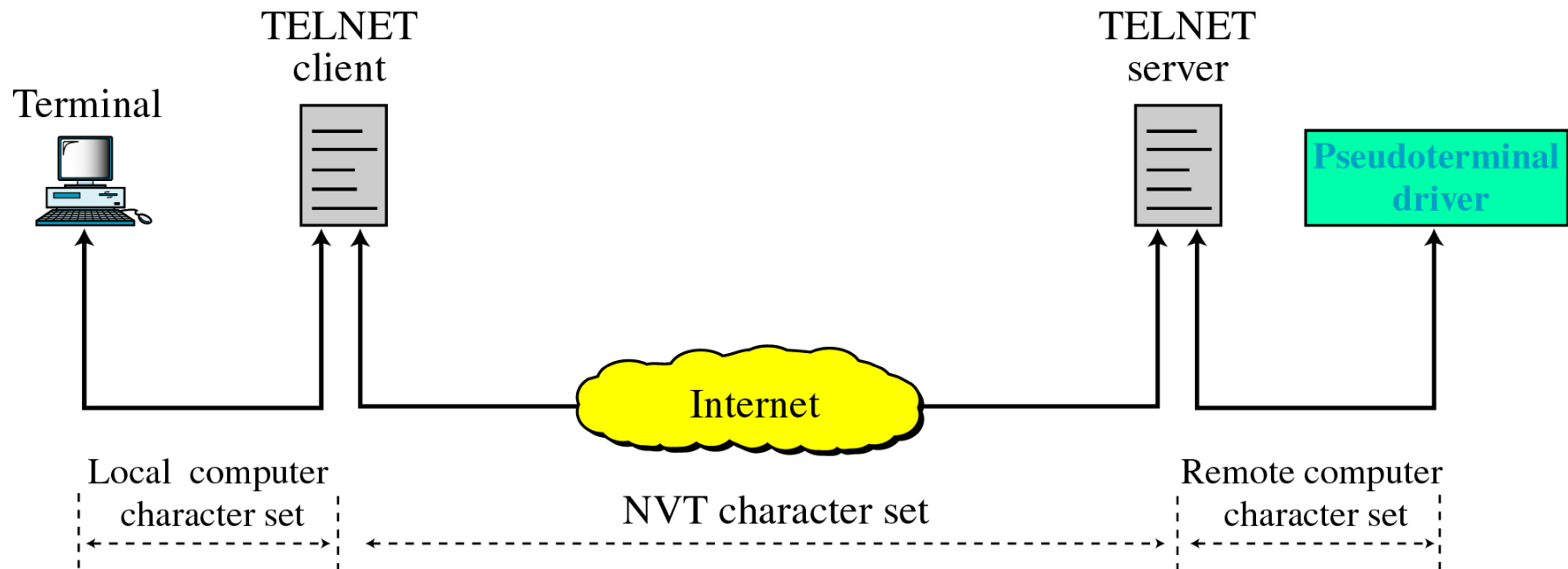


Figure 25-10

FTP

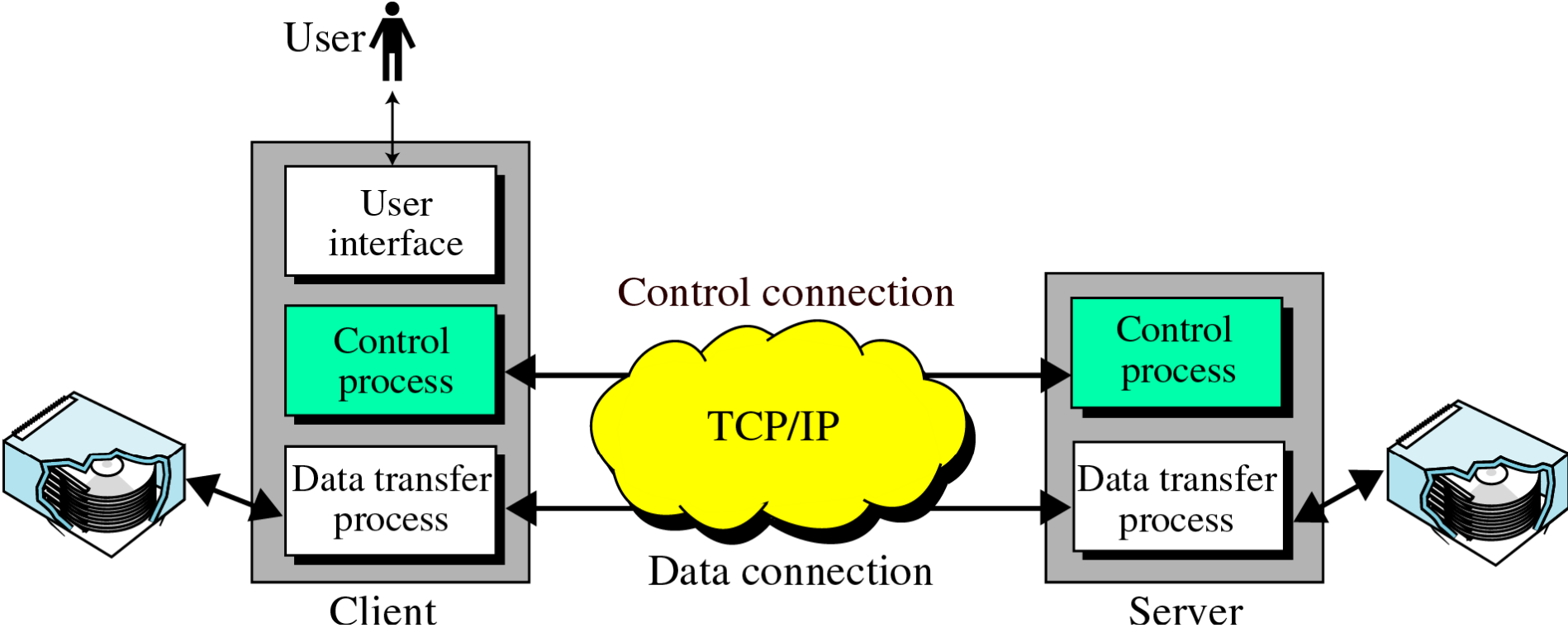


Figure 25-11

SMTP Concept

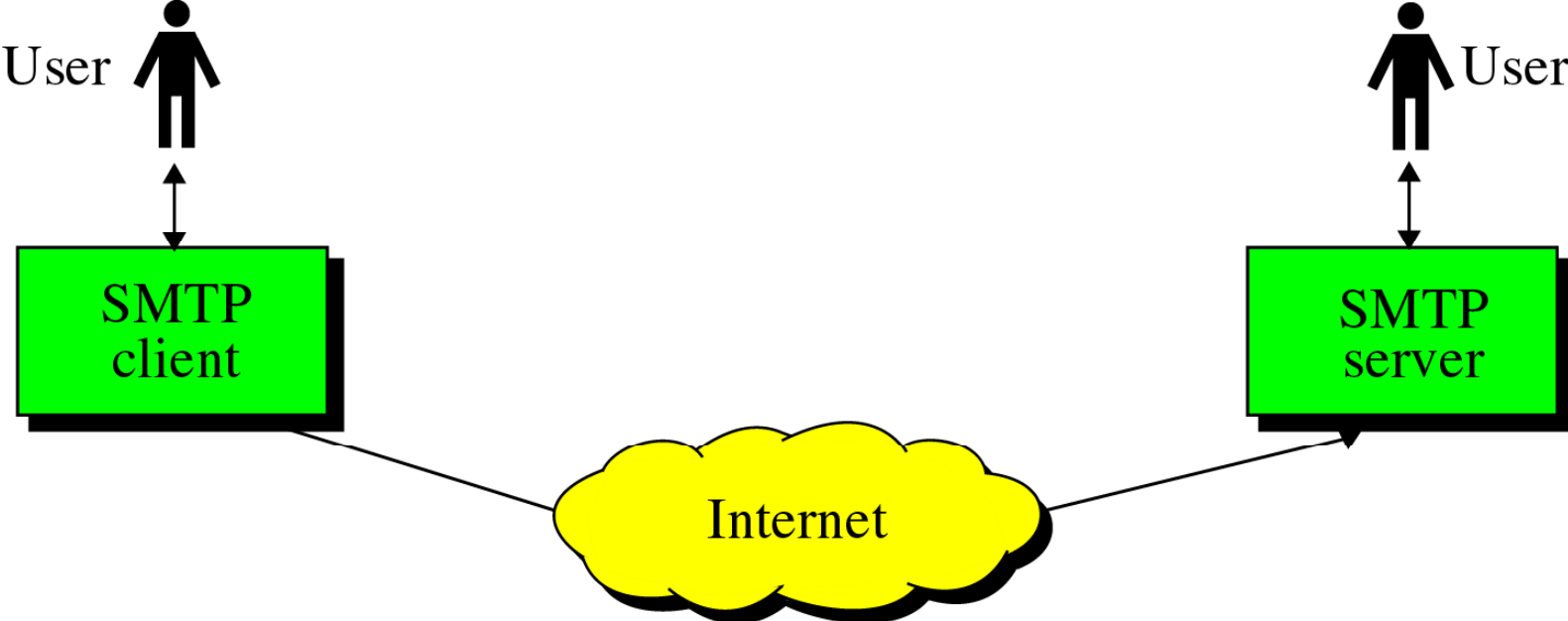


Figure 25-12

UAs and MTs

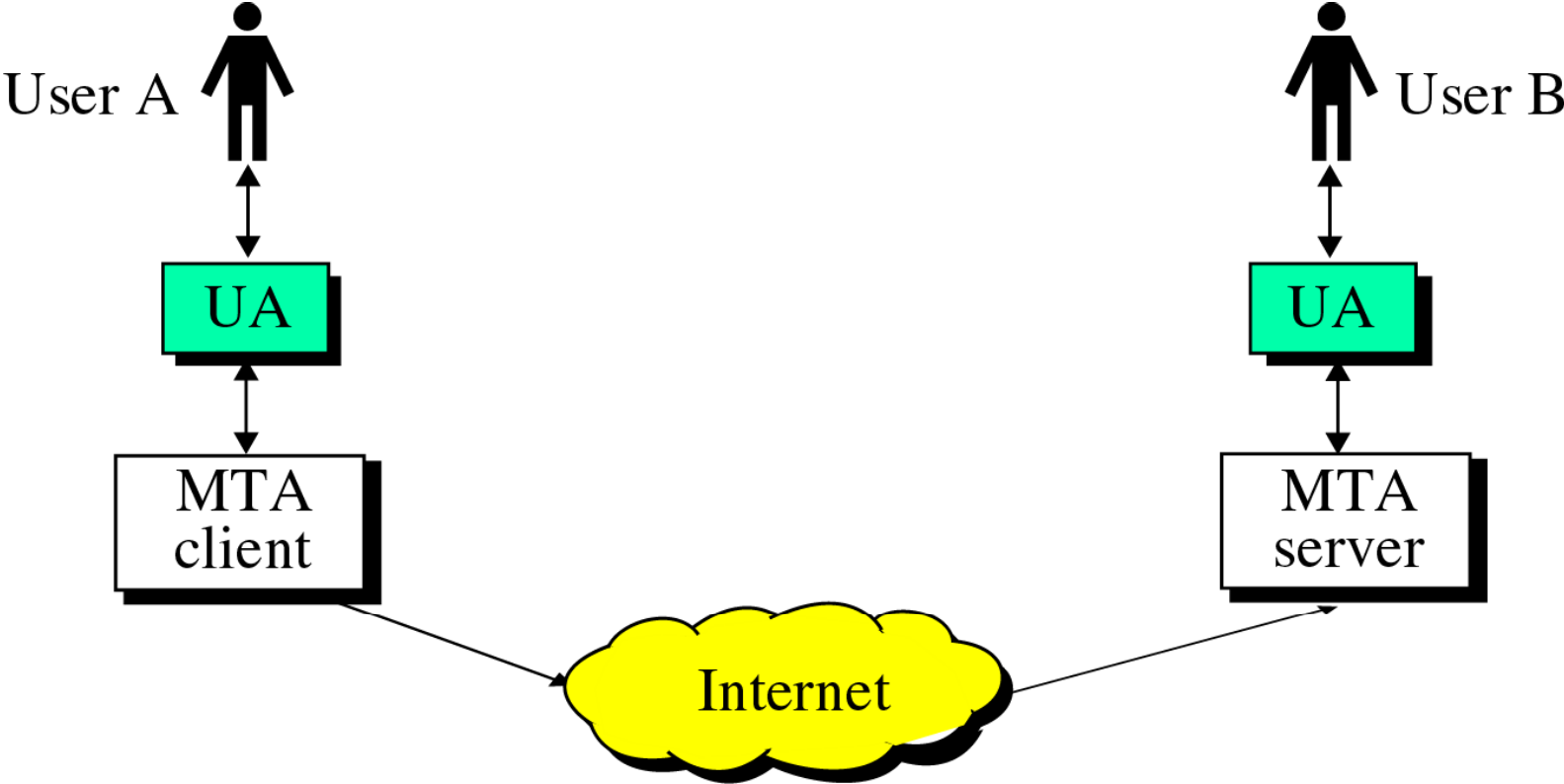


Figure 25-13

Relay MTAs

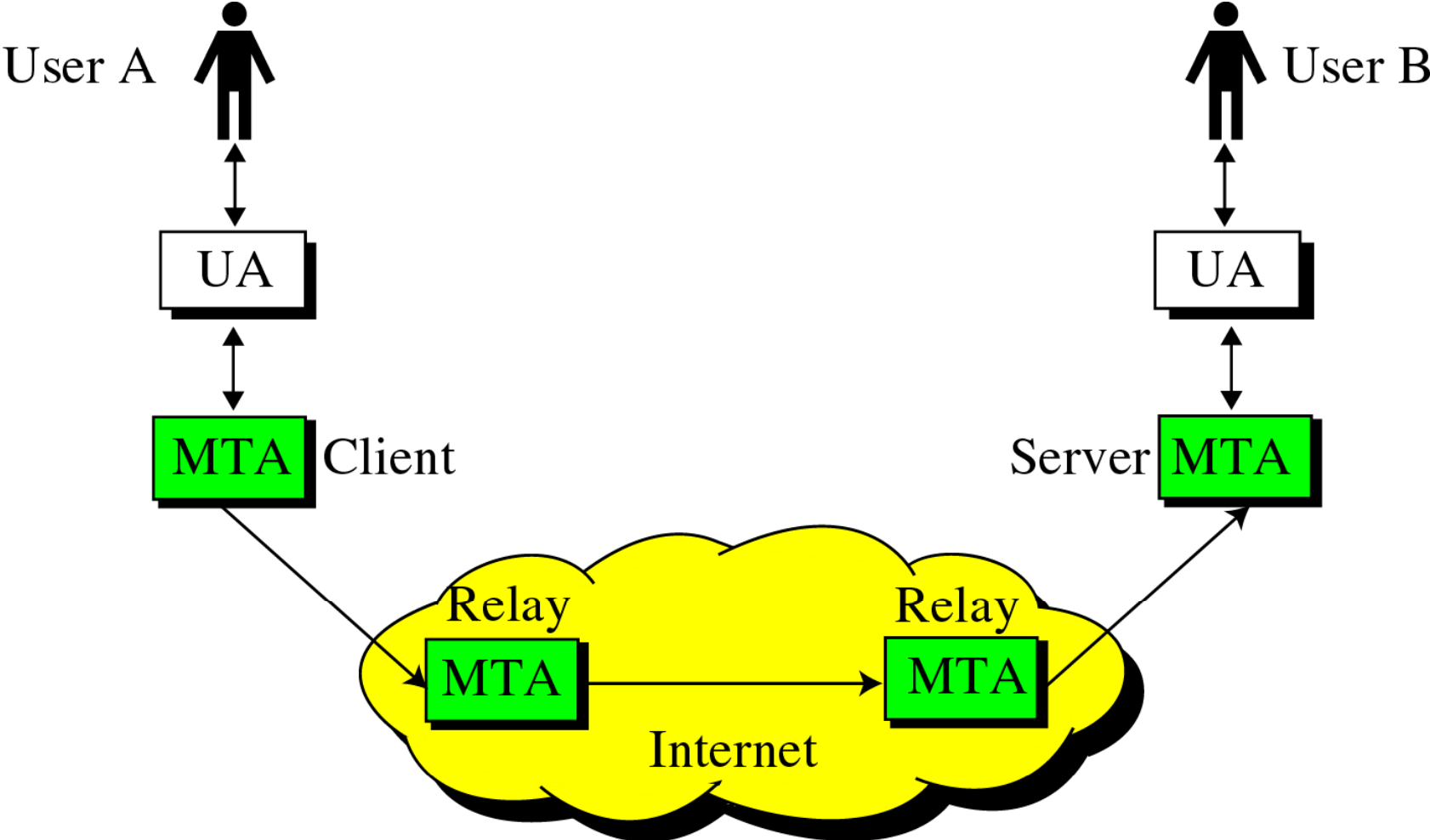


Figure 25-14

Mail Gateways

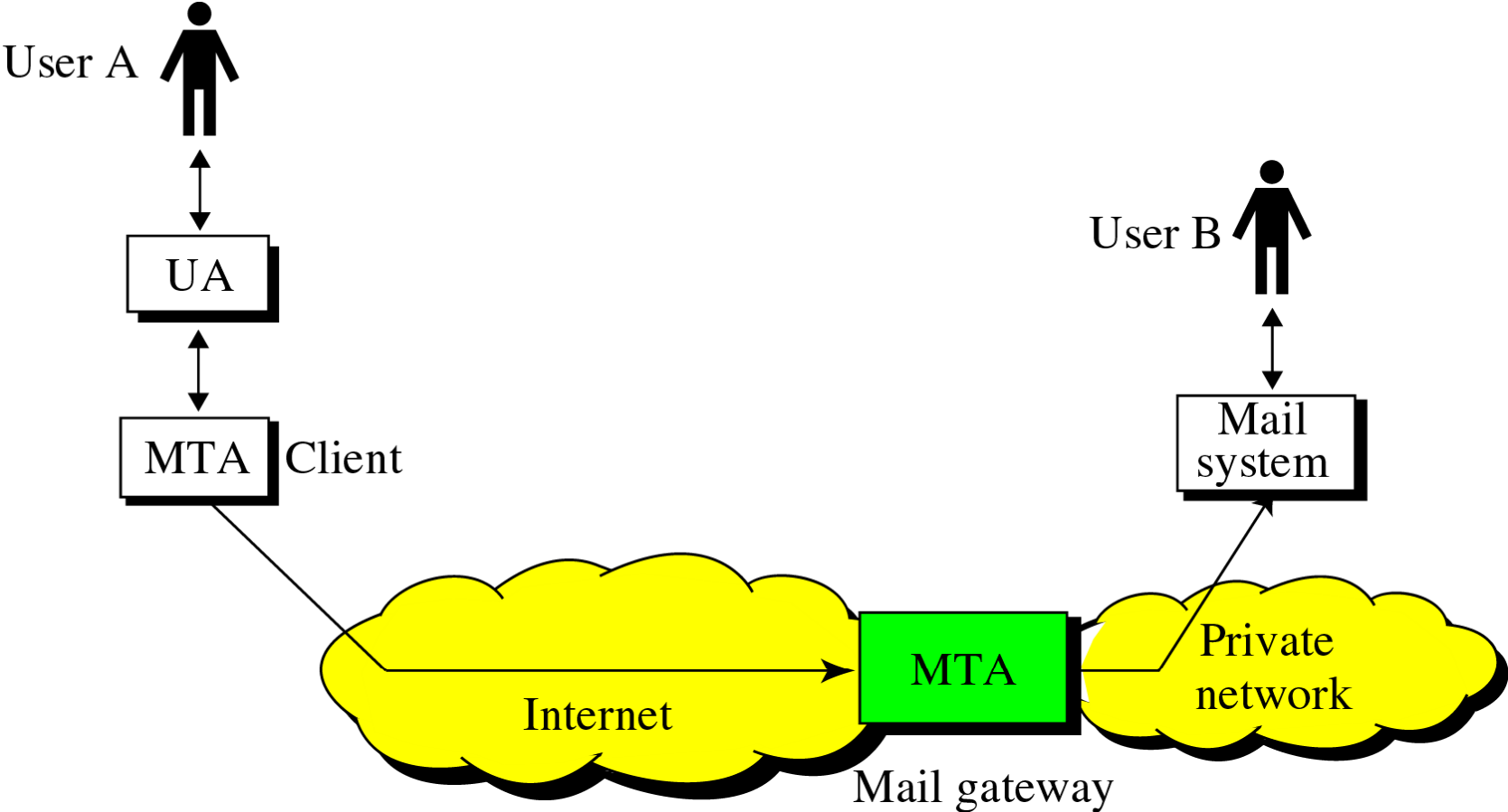


Figure 25-15

E-mail Address

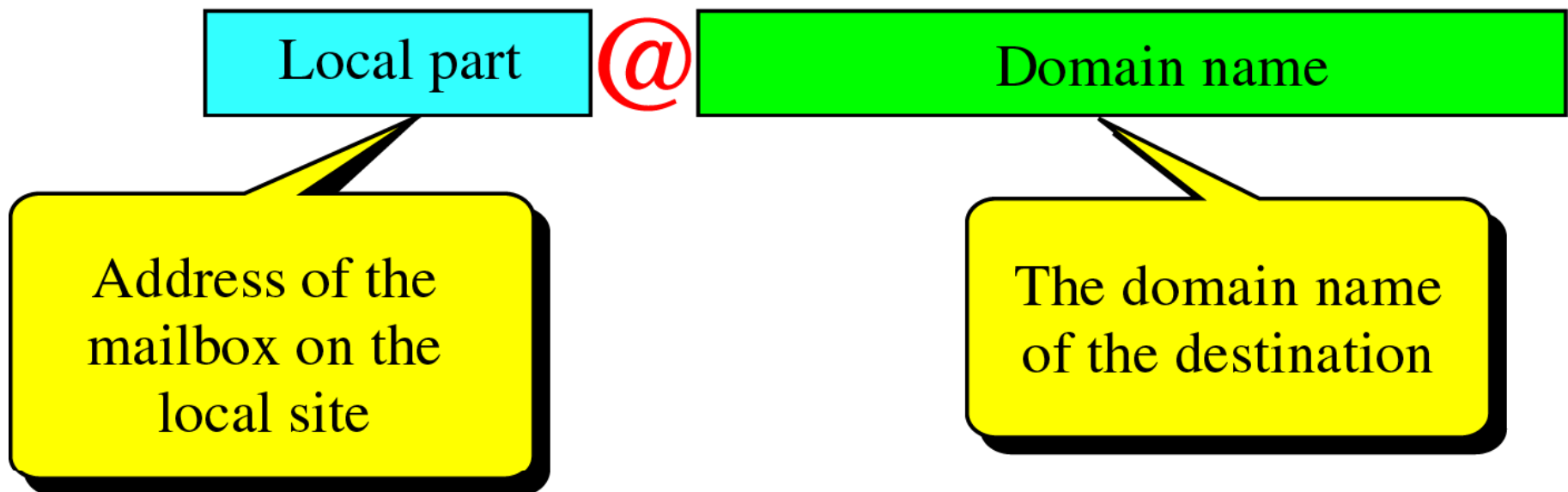


Figure 25-16

The Entire E-mail System

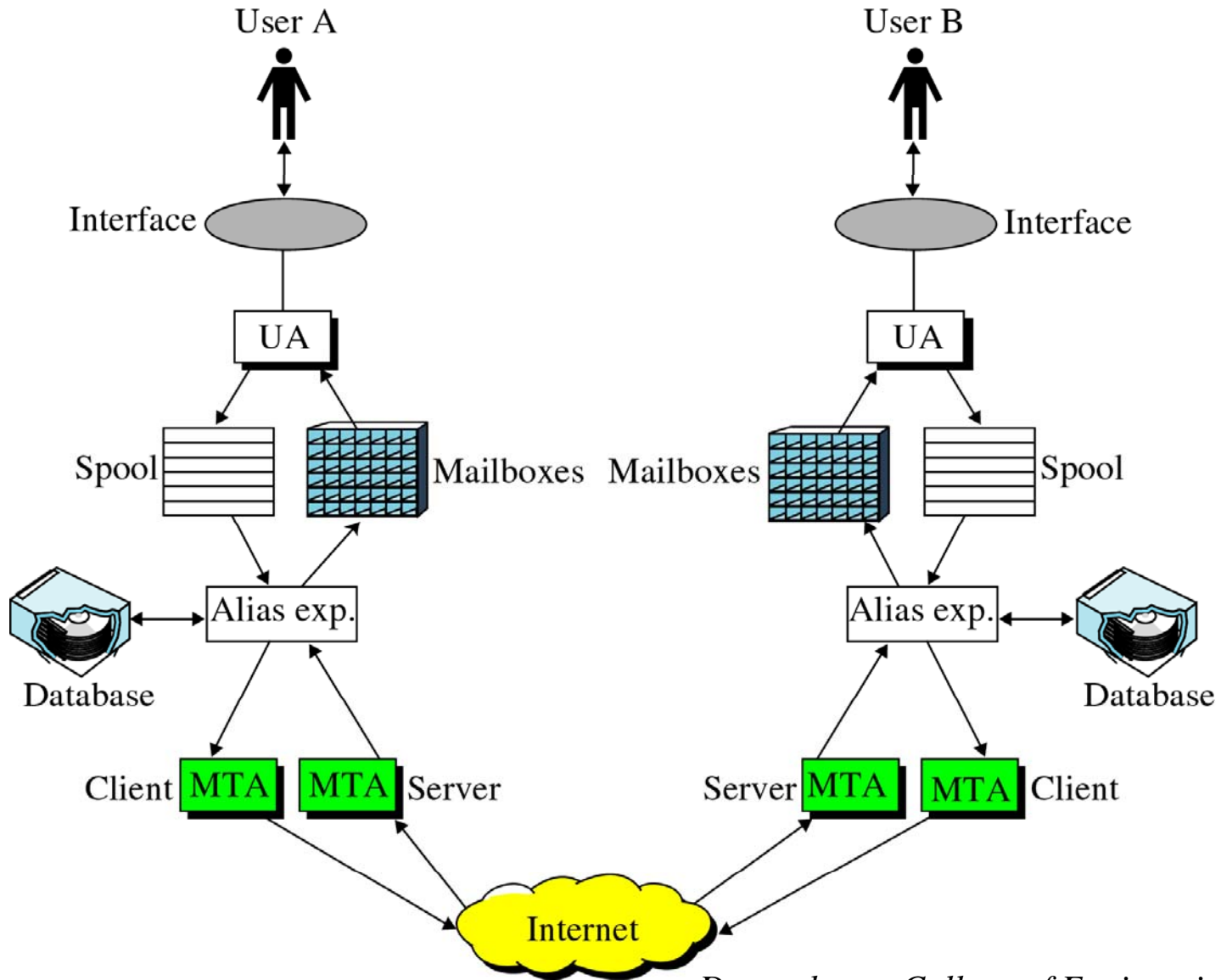


Figure 25-17

MIME

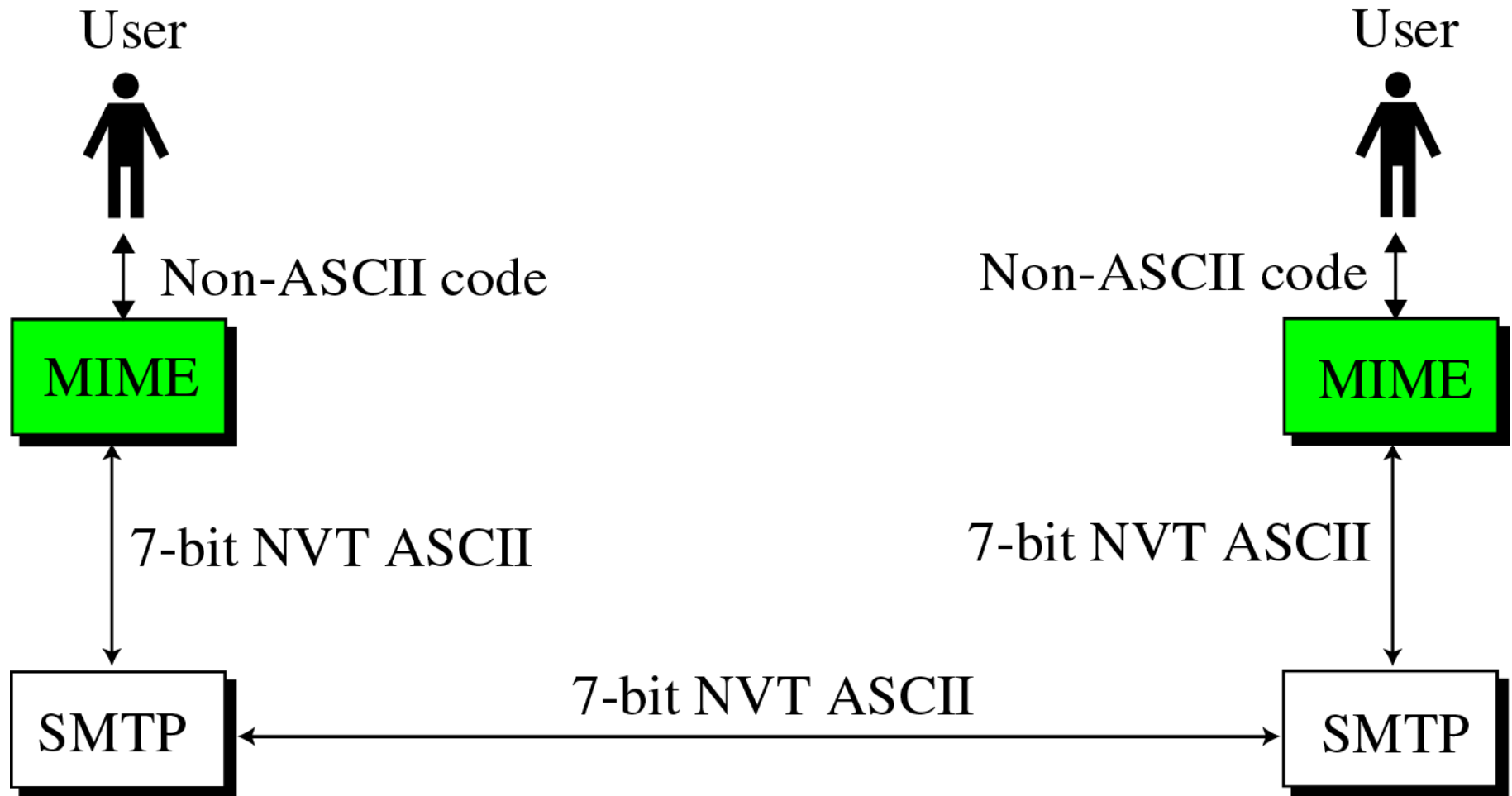


Figure 25-18

POP3 and SMTP

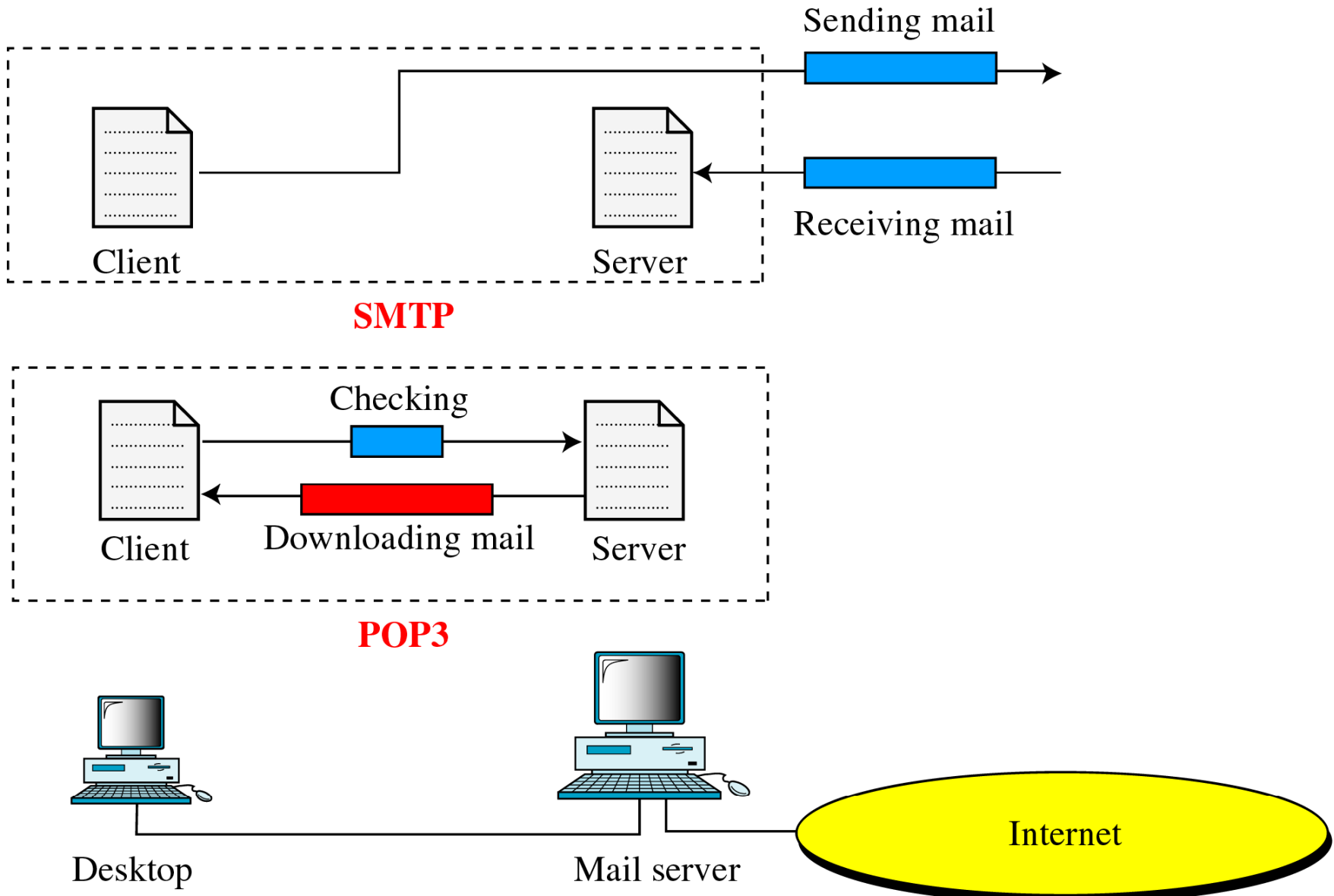


Figure 25-19

SNMP Concept

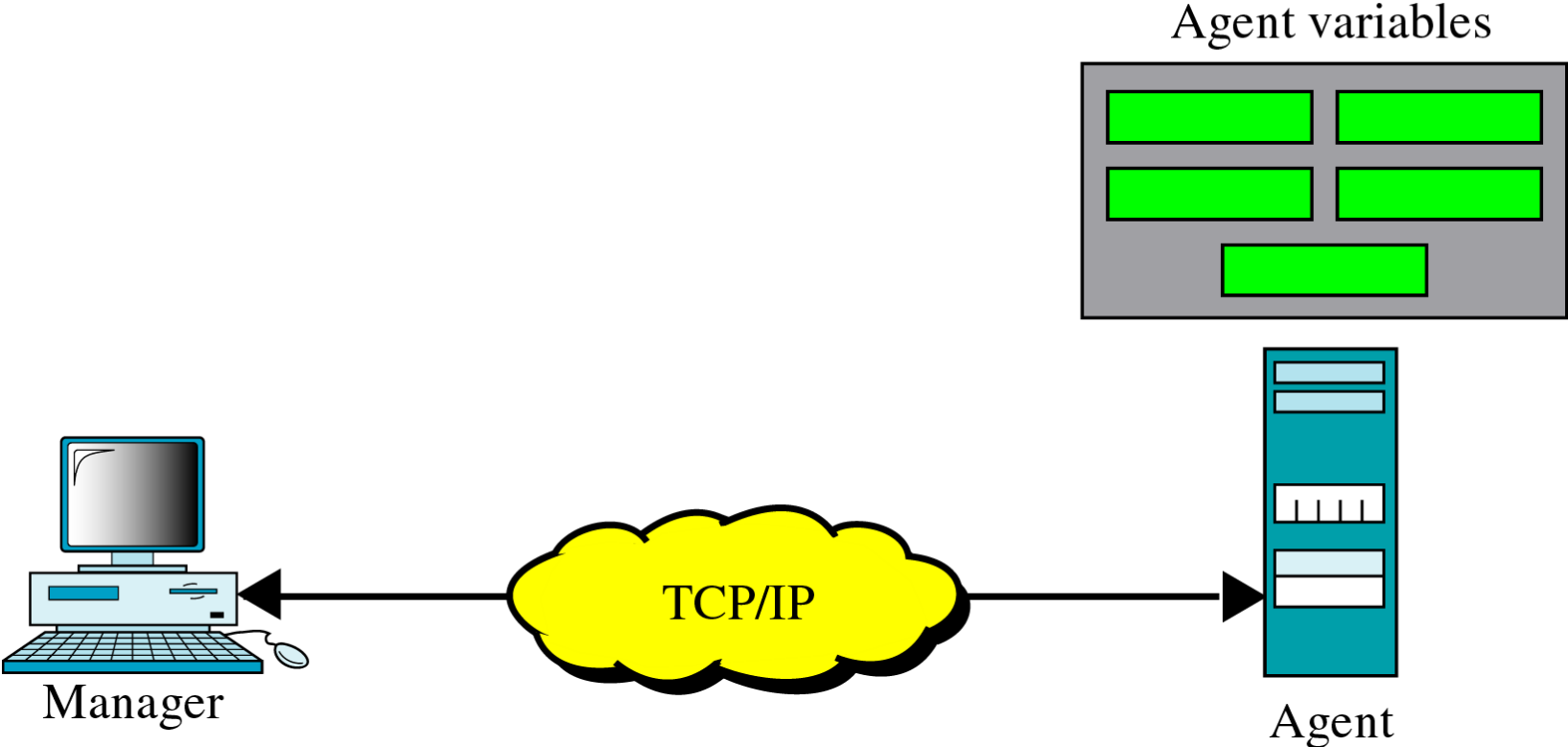


Figure 25-20

Internet Management Components

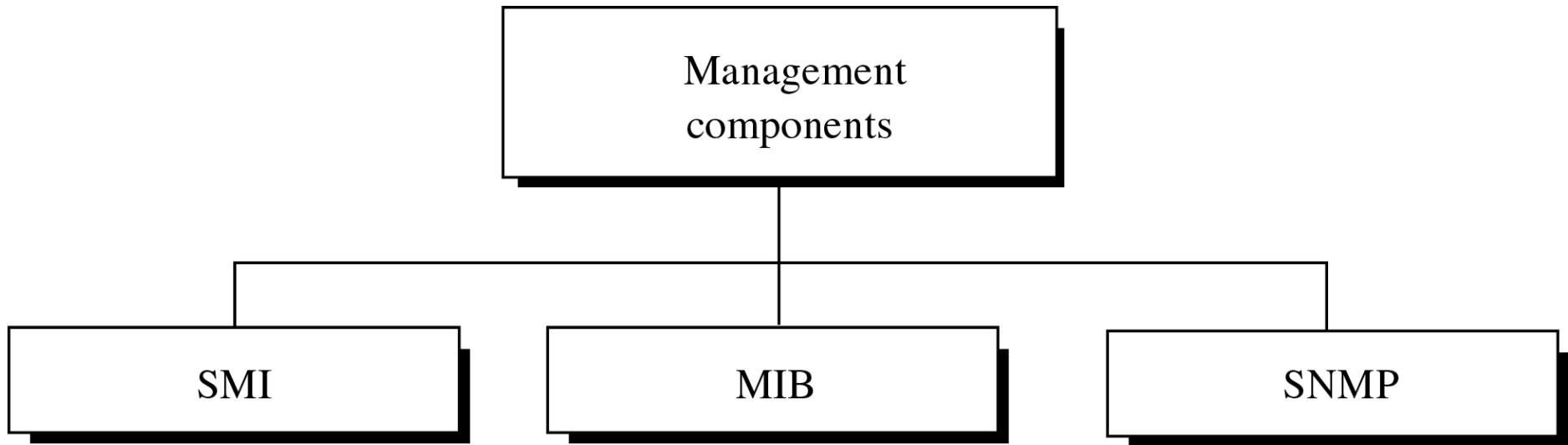


Figure 25-21

MIB

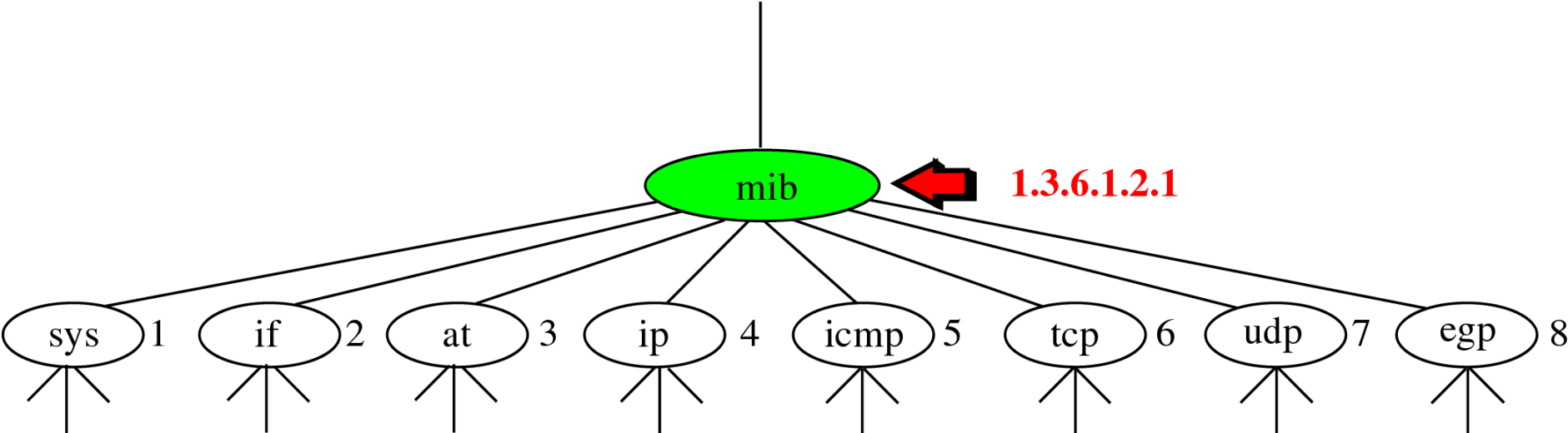


Figure 25-22

SNMP Messages

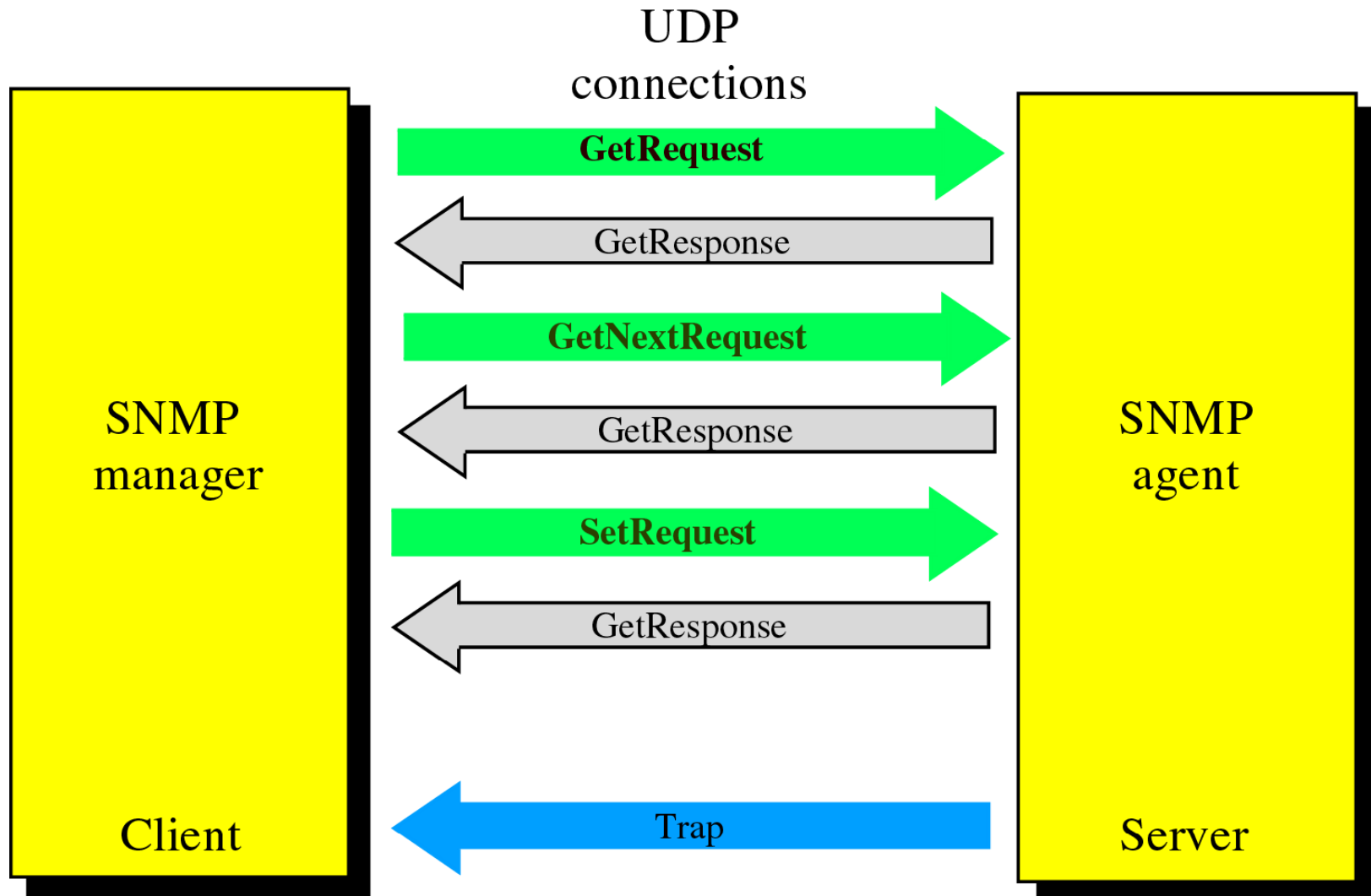


Figure 25-23

HTTP Transaction

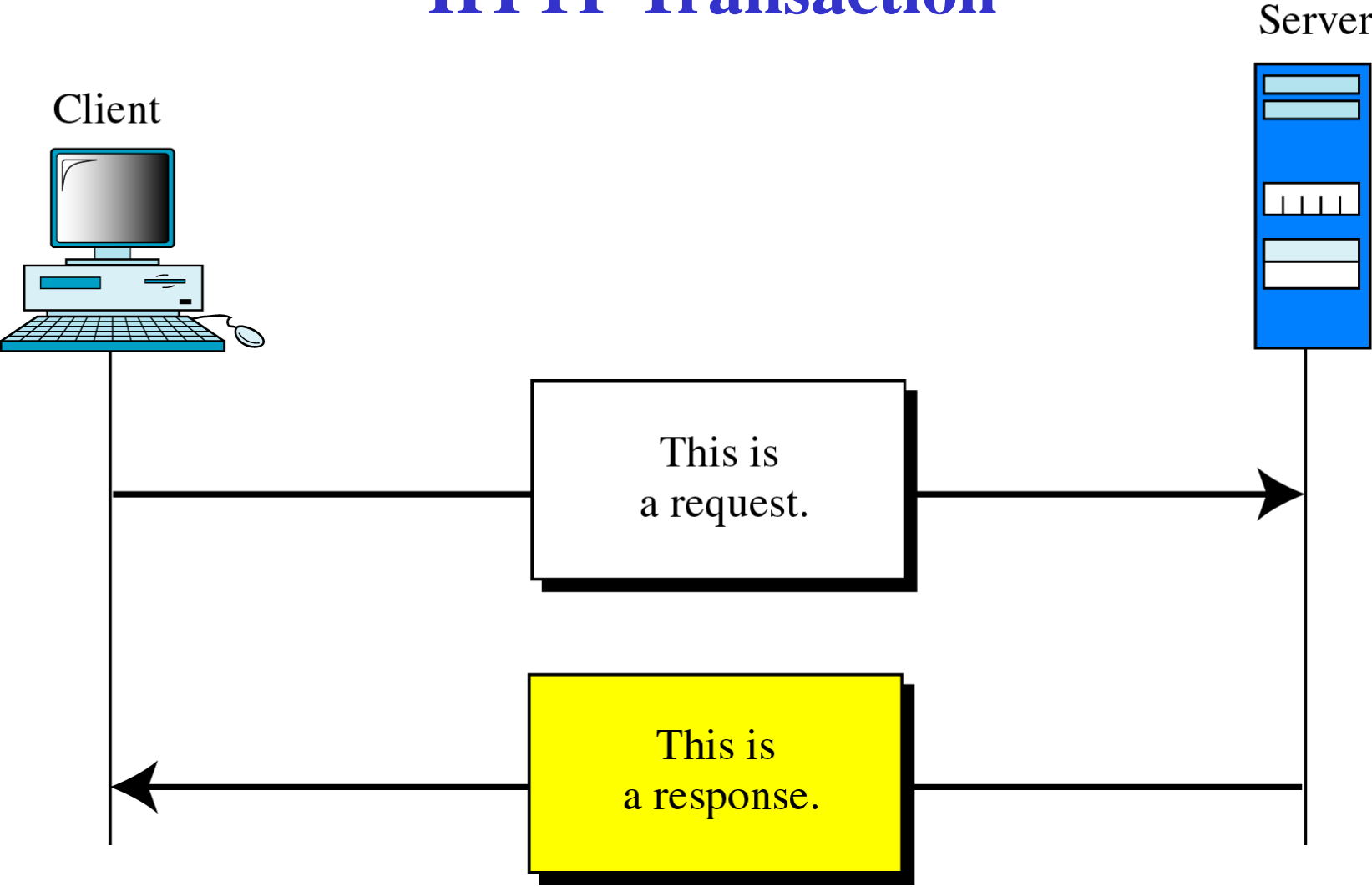


Figure 25-24

Message Categories

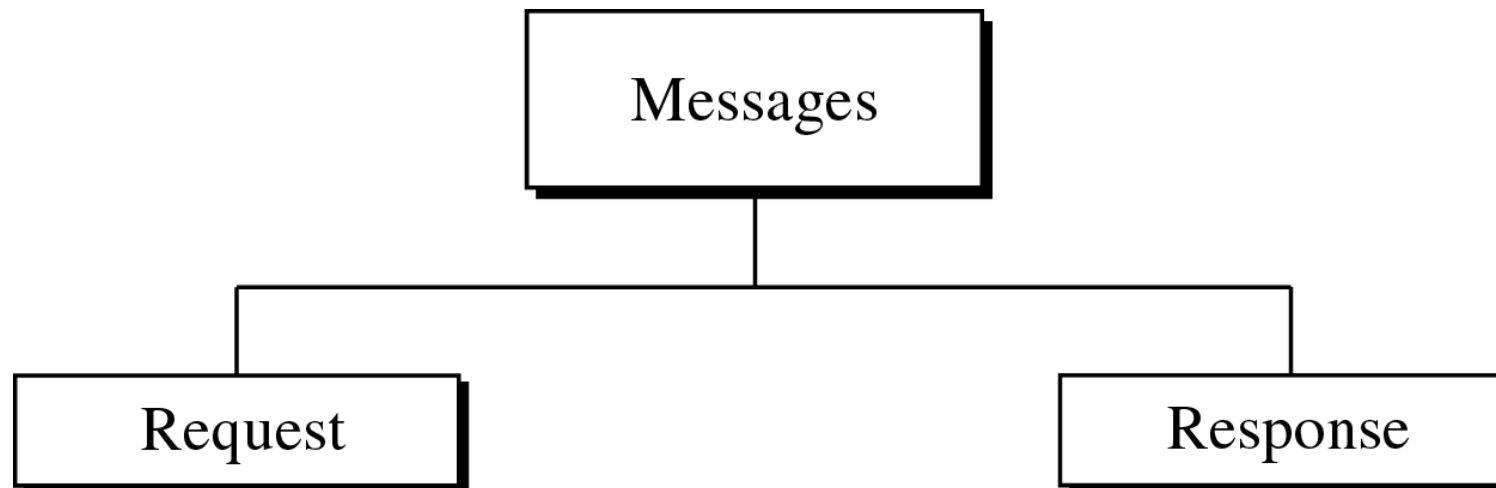
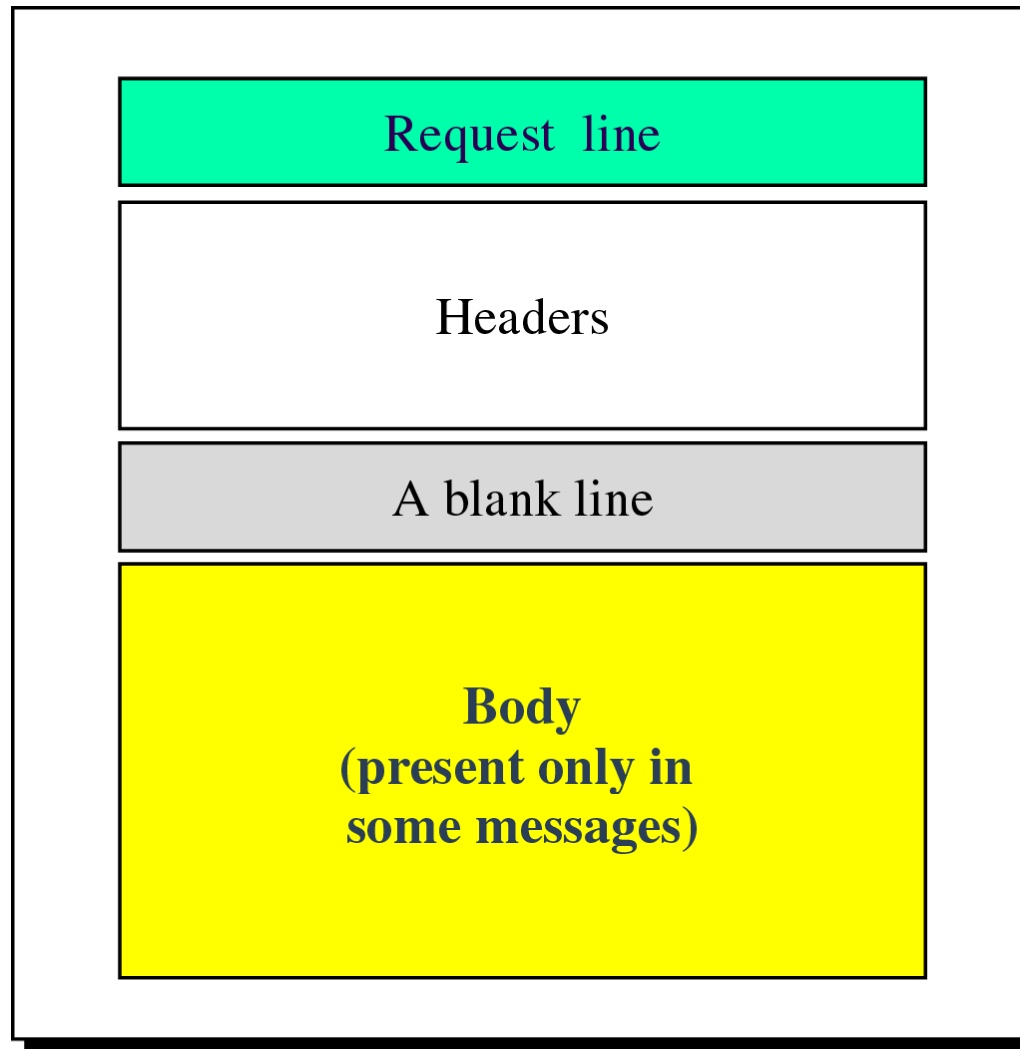


Figure 25-25

Request Message

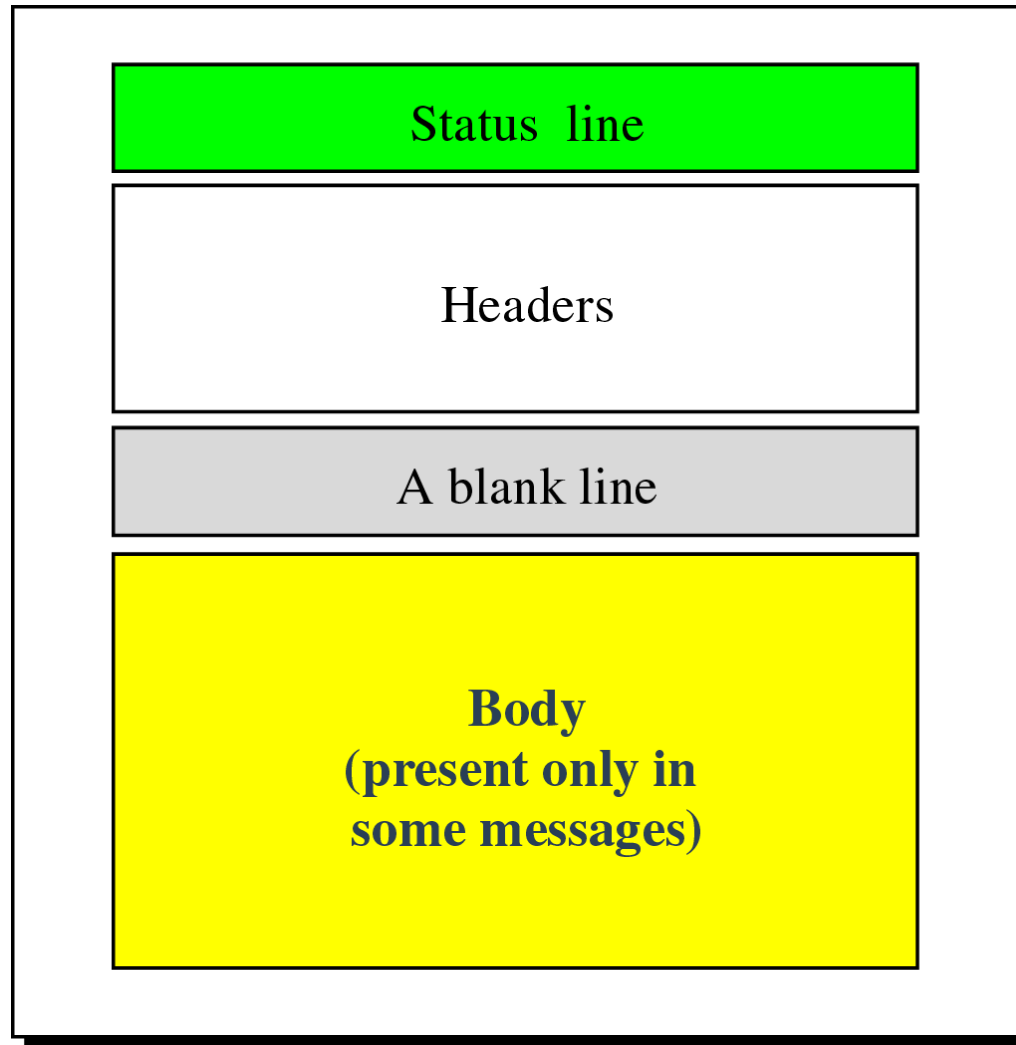


Request message

Dronacharya College of Engineering

Figure 25-26

Response Message



Response message

Figure 25-27

URL

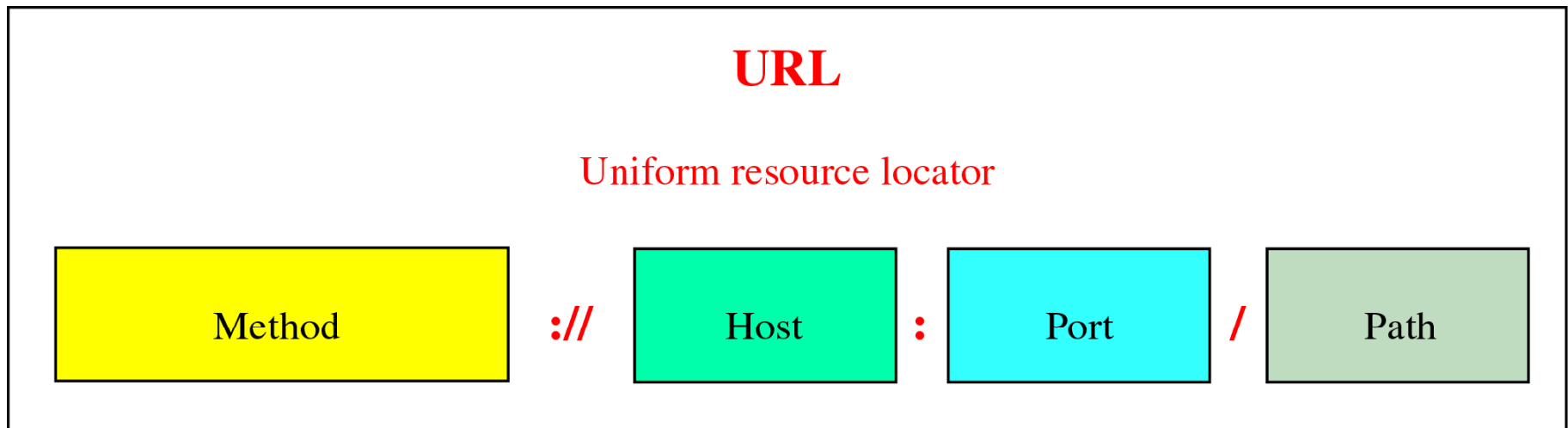


Figure 25-28

Distributed Services

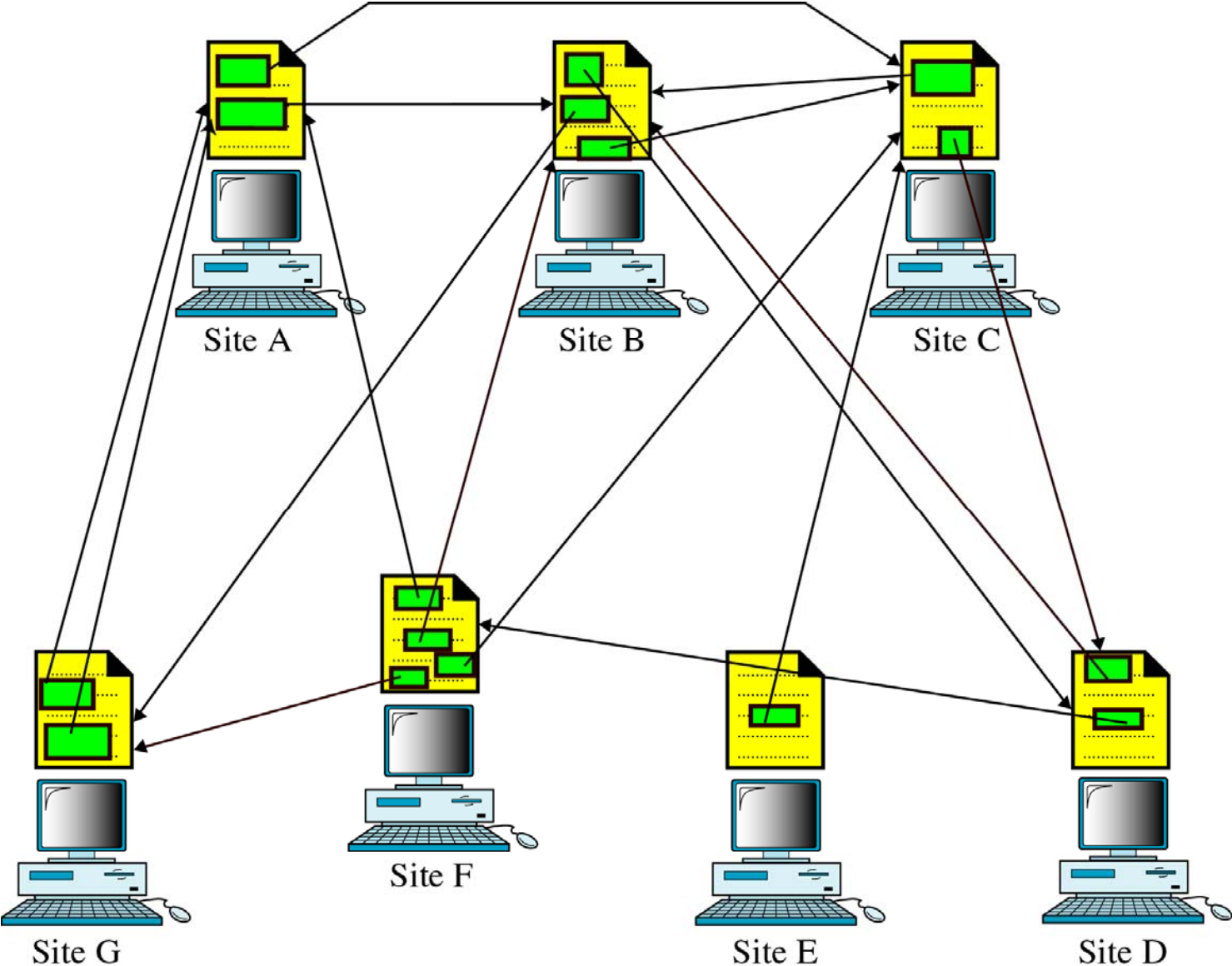


Figure 25-29

Hypertext

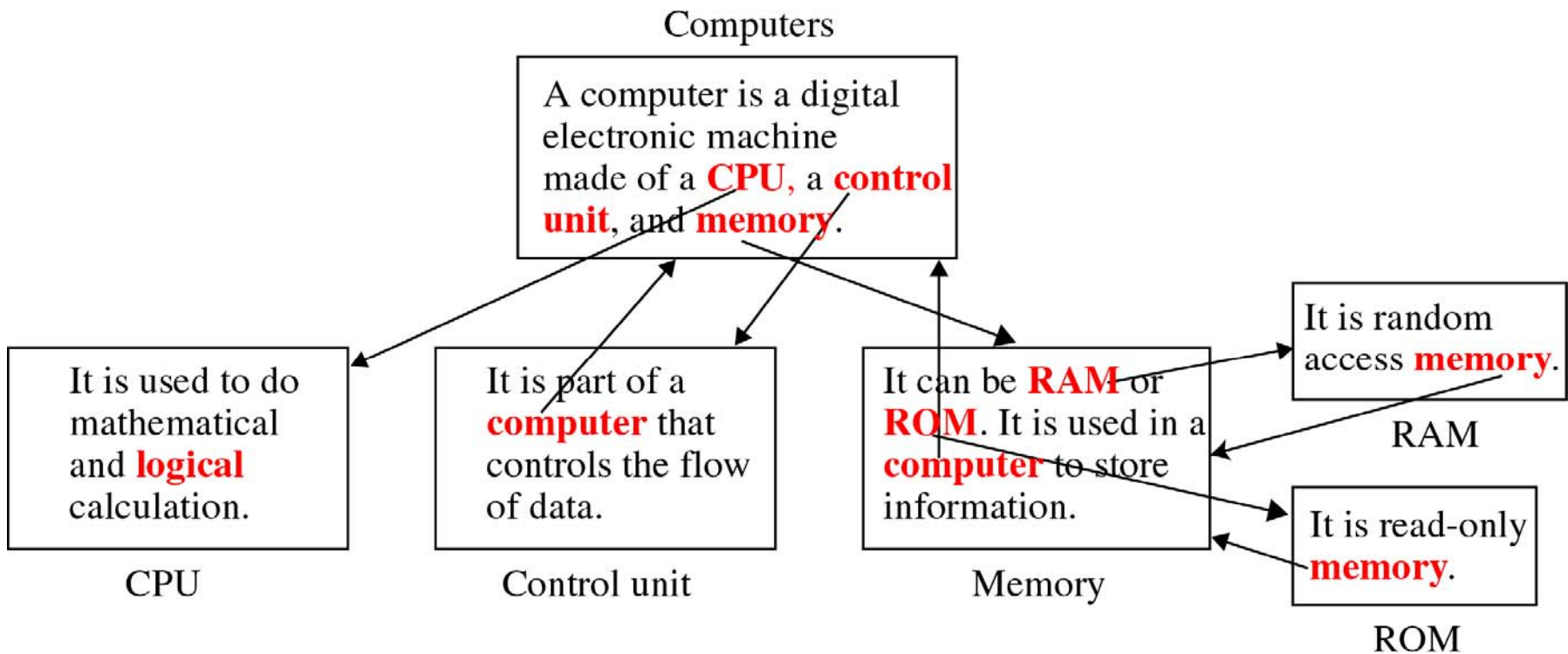


Figure 25-30

Browser Architecture

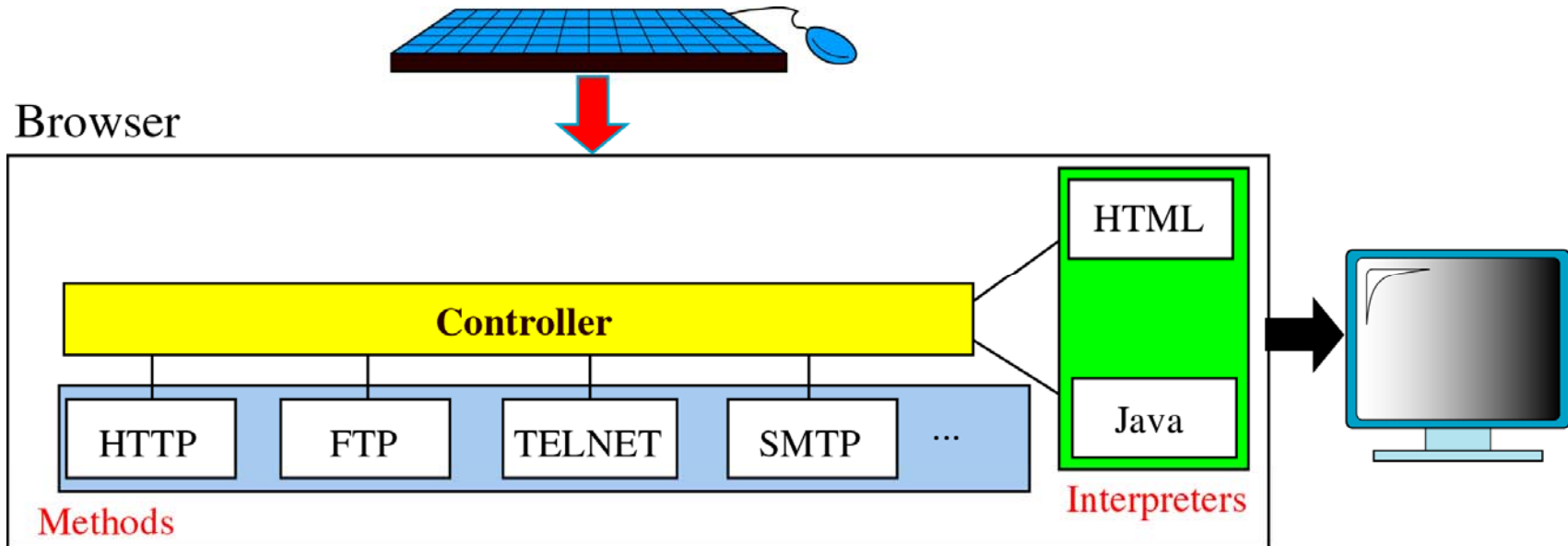


Figure 25-31

Categories of Web Documents

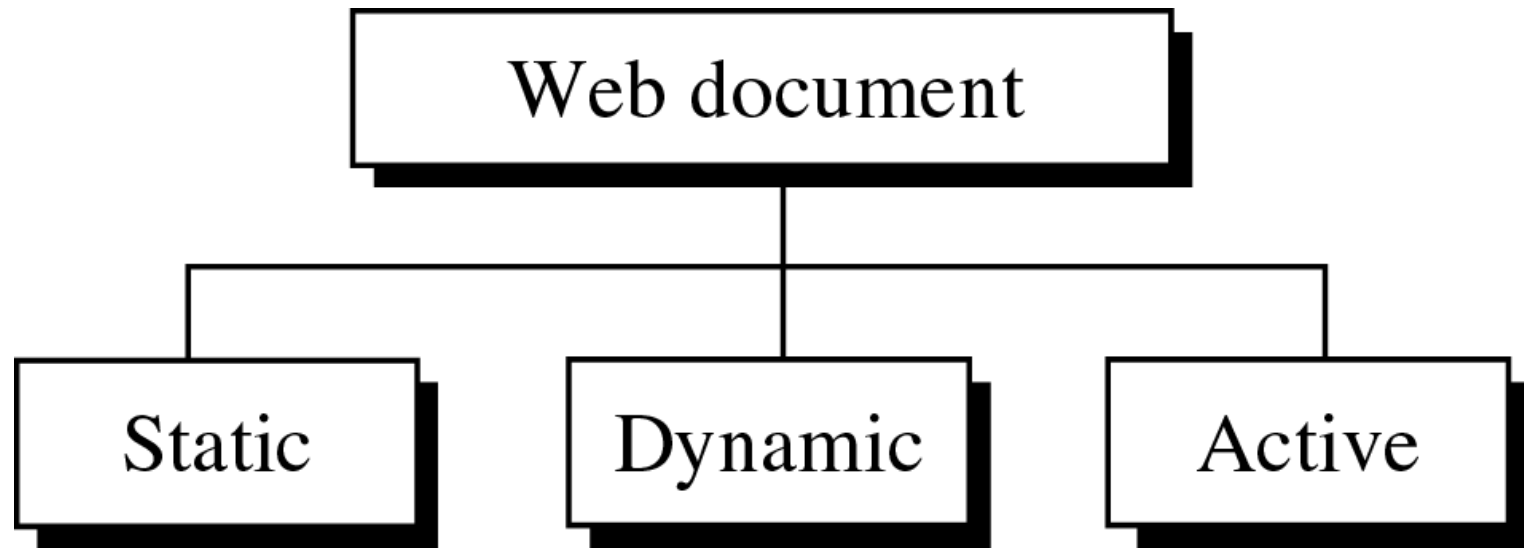
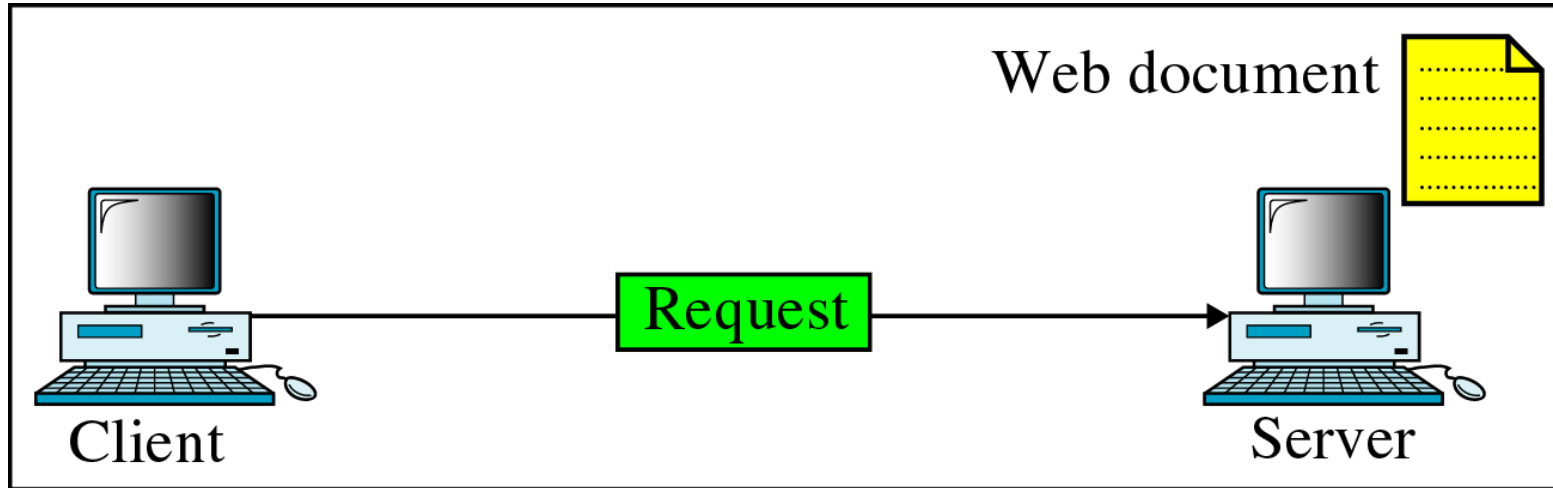
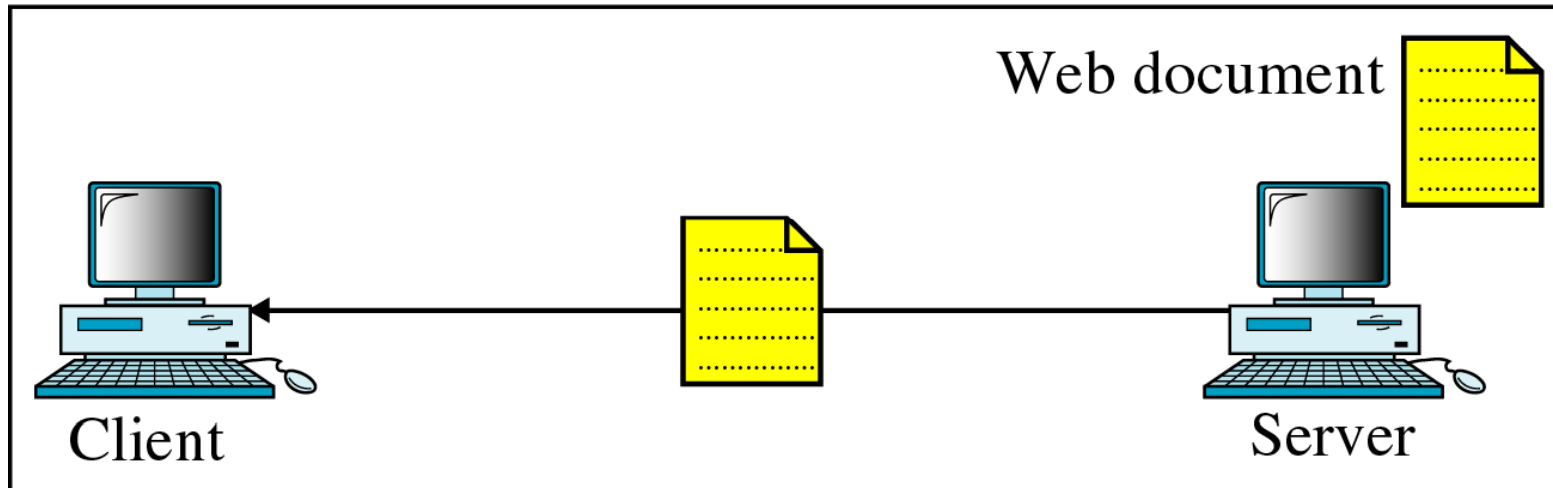


Figure 25-32

Static Document



a. Request



b. Response

Figure 25-33

Boldface Tags

Beginning of
boldface

The text to be
boldfaced

End of
boldface

**** This is the text that must be boldfaced. ****

Figure 25-34

Effect of Boldface Tags

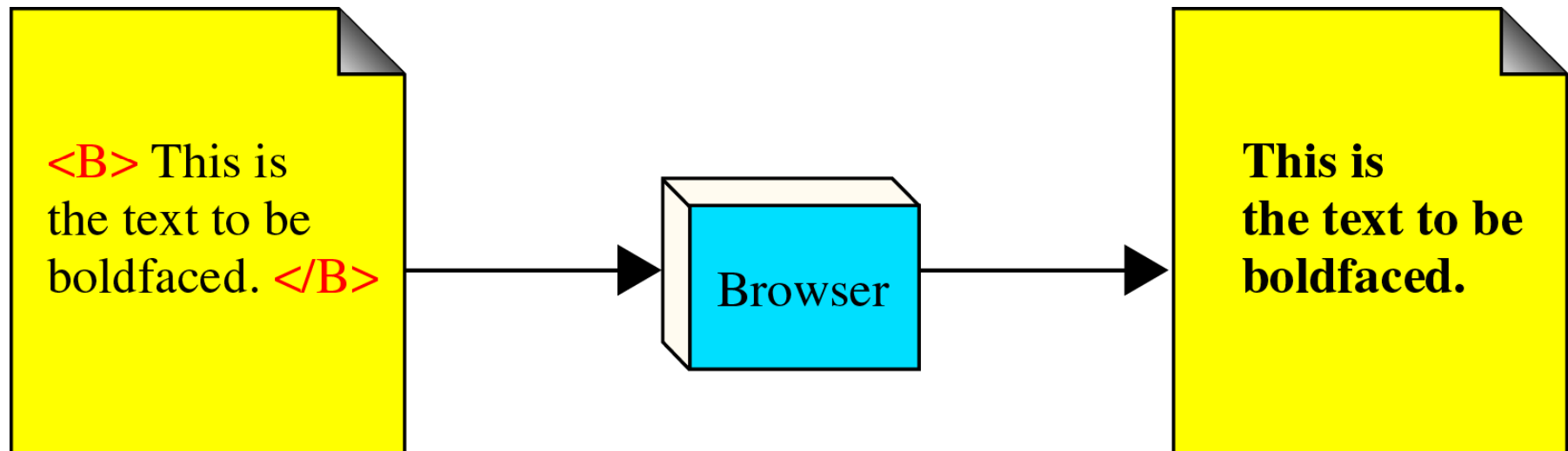


Figure 25-35

Beginning and Ending Tags

```
< TagName Attribute = Value Attribute = Value ... >
```

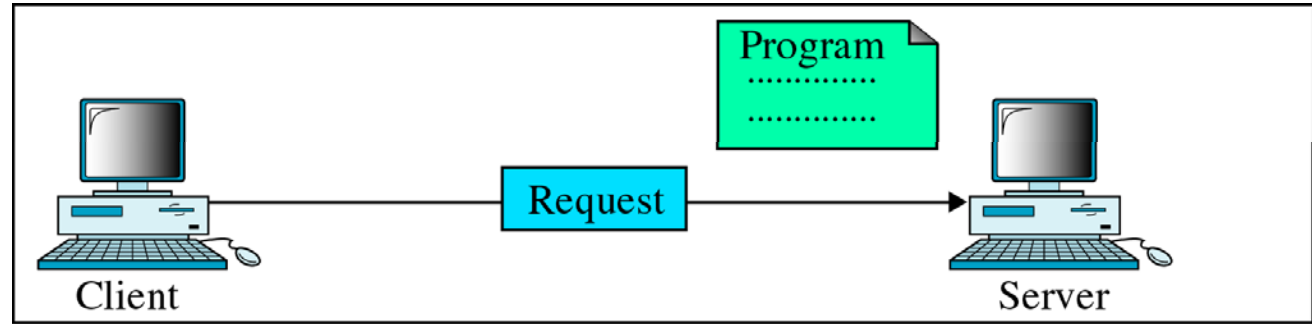
a. Beginning tag

```
< /TagName >
```

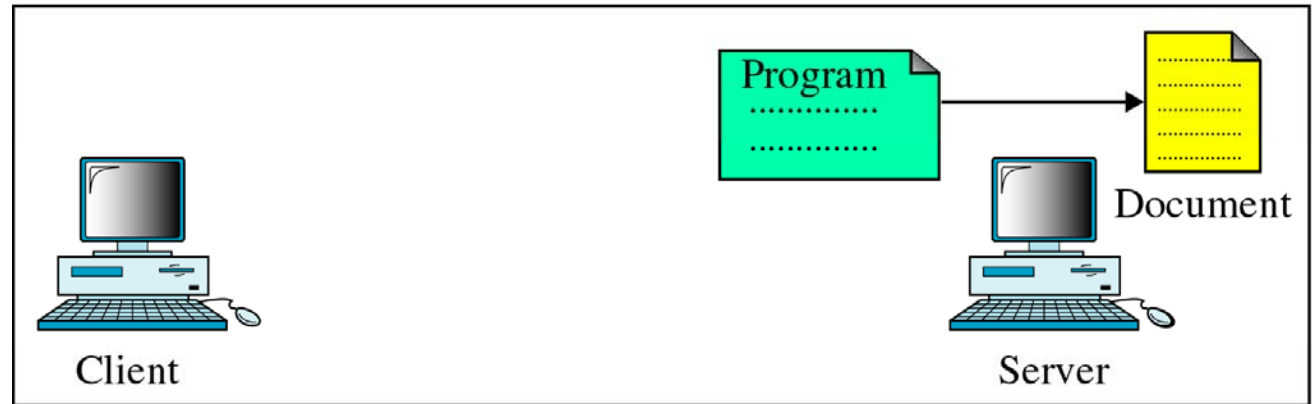
b. Ending tag

Figure 25-36

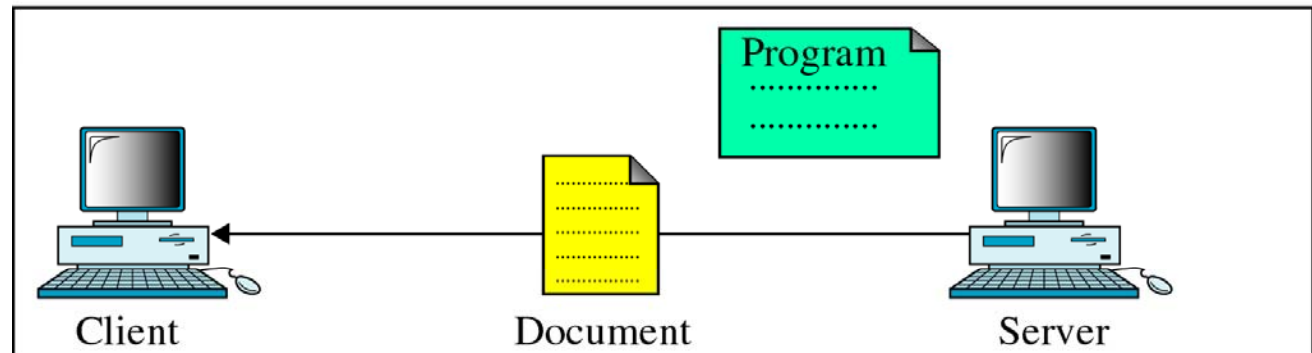
Dynamic Document



a. Request for running a program



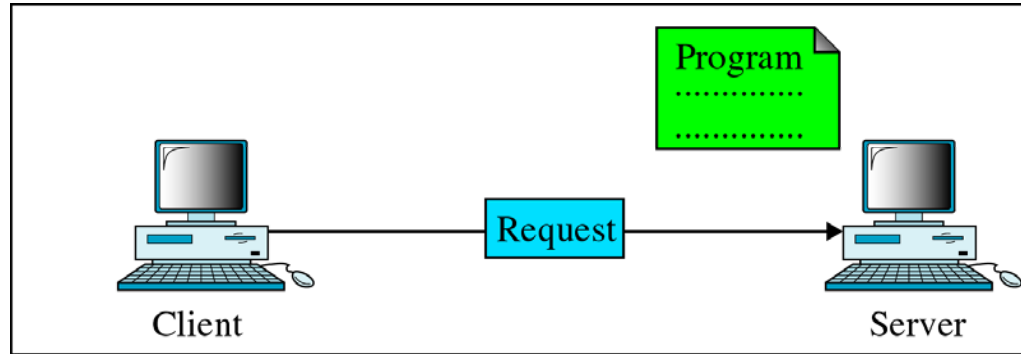
b. Running the program and creating the document



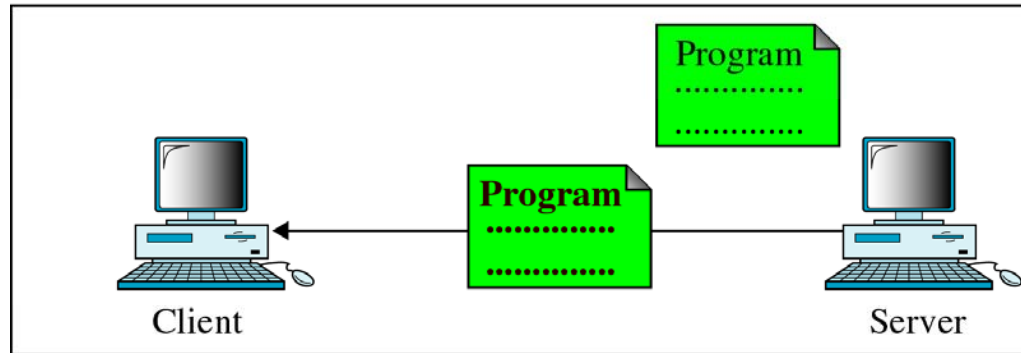
c. Response

Figure 25-37

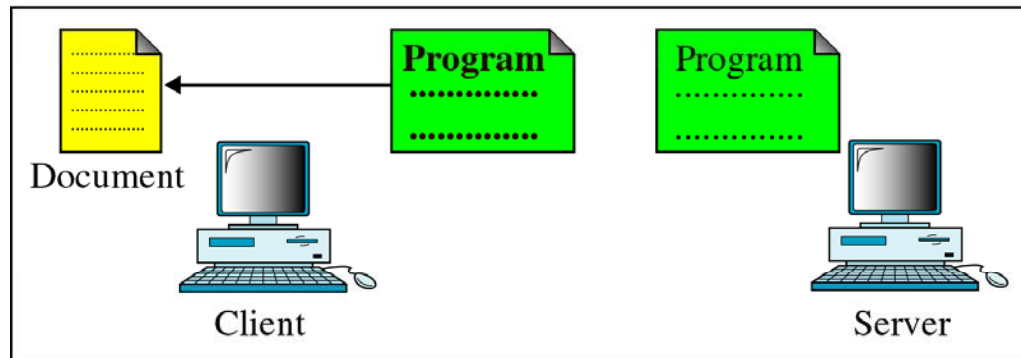
Active Document



a. Request for a copy of a program



b. Sending a copy of the program



c. Running the program and creating the document