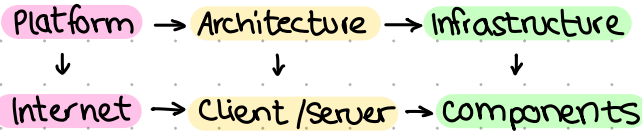


Platform Architecture and Infrastructure

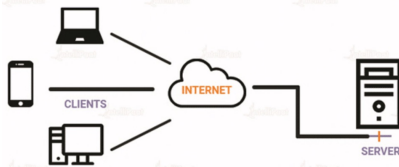
Definitions



Clients/server - Architecture

...computing model that describes the **relationship** between two types of devices/programs: **clients and servers**

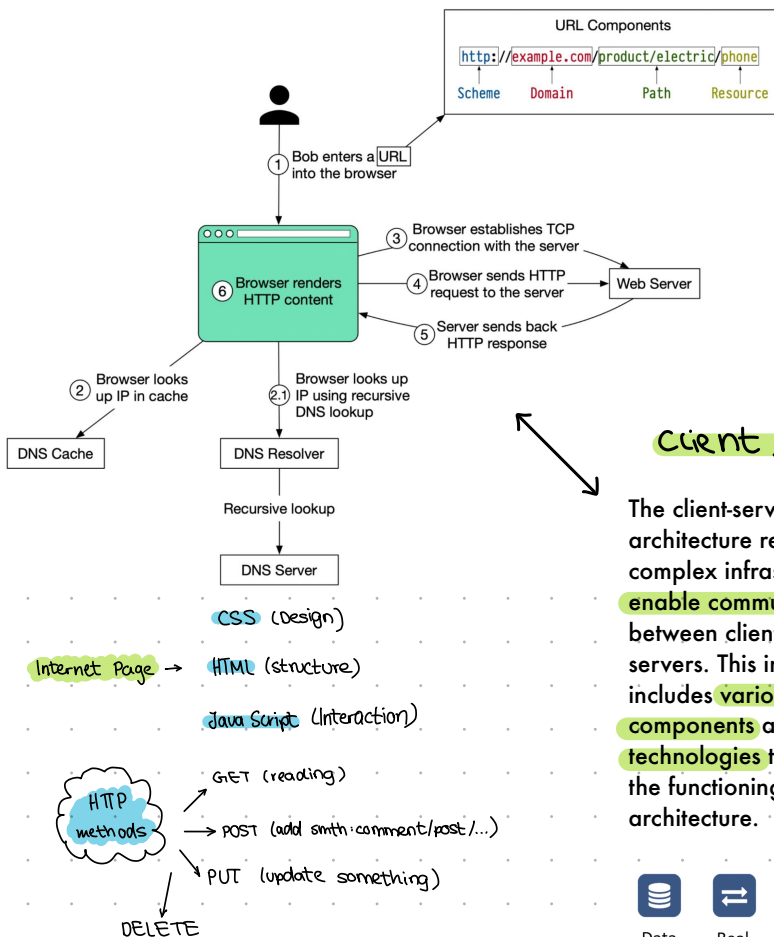
→ widely used in computer networks + distributed systems



Investigation on client/server architecture

What happens when you type a URL into your browser?

| What happens when you type a URL into your browser?



cache: browser hist.
cookies

domain needs to be
converted in IP so
computer understands

Webseiten haben
Ihre eigene IP-Adresse

Geräte haben IP-
Adresse, die sich
ändert

Client/Server Infrastructure

The client-server architecture relies on a complex infrastructure to **enable communication** between clients and servers. This infrastructure includes **various components** and **technologies** that support the functioning of the architecture.

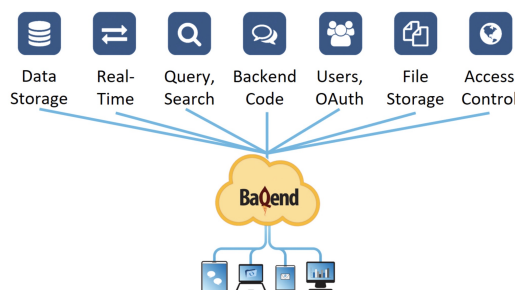
TCP/IP

Application Layer

Transport Layer

Network Layer

Network Access Layer



https: s means secure