

Discover the world of web

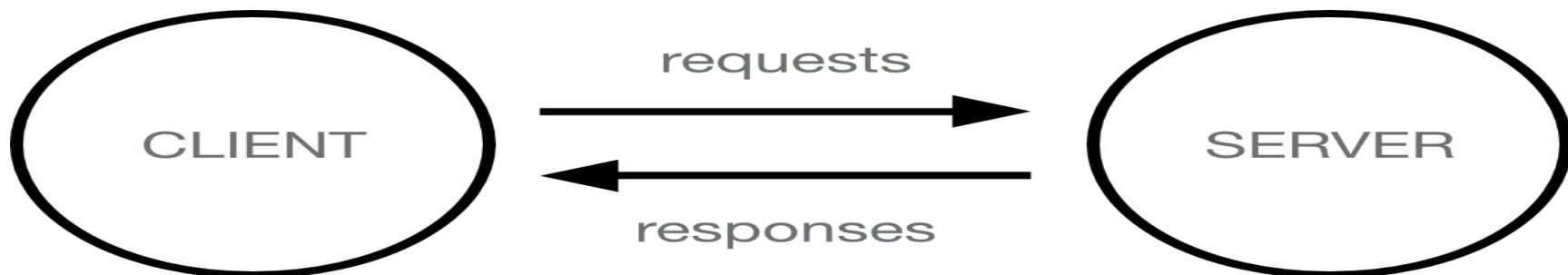
Let's start

How the web works provides a simplified view of what happens when you view a webpage in a web browser on your computer or phone.

This theory is not essential to writing web code in the short term, but before long you'll really start to benefit from understanding what's happening in the background.

Clients and servers

Computers connected to the web are called **clients** and **servers**. A simplified diagram of how they interact might look like this:



- Clients are the typical web user's internet-connected devices (for example, your computer connected to your Wi-Fi, or your phone connected to your mobile network) and web-accessing software available on those devices (usually a web browser like Firefox or Chrome).
- Servers are computers that store webpages, sites, or apps. When a client device wants to access a webpage, a copy of the webpage is downloaded from the server onto the client machine to be displayed in the user's web browser.
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Other things about the background of web

Protocols

Servers and API

Databases

How to be a web developer

*To become a Web Developer, you should have an **understanding of HTML, CSS, and JavaScript**. It's also recommended to learn about CSS and CSS frameworks. Developing these fundamental web development skills will give you the foundation and logic for communicating with programming languages.*

What Does a Web Developer Do?

Web developers need a combination of [graphic design skills](#) and technical computer skills that will allow them to create particular designs on web pages. In addition to looking nice, websites need to be functional and secure. It is the responsibility of web developers to create such sites that meet the requirements of employers or clients.

Web developers often implement ideas from less tech-savvy colleagues who lack the know-how to turn their vision into an actual, functional website.

THE GOAL WE PURSUE WITHOUT
APPRECIATING OBSTACLES, WITHOUT
FEARING DANGERS, IS A GOAL THAT CAN
NEVER BE REACHED