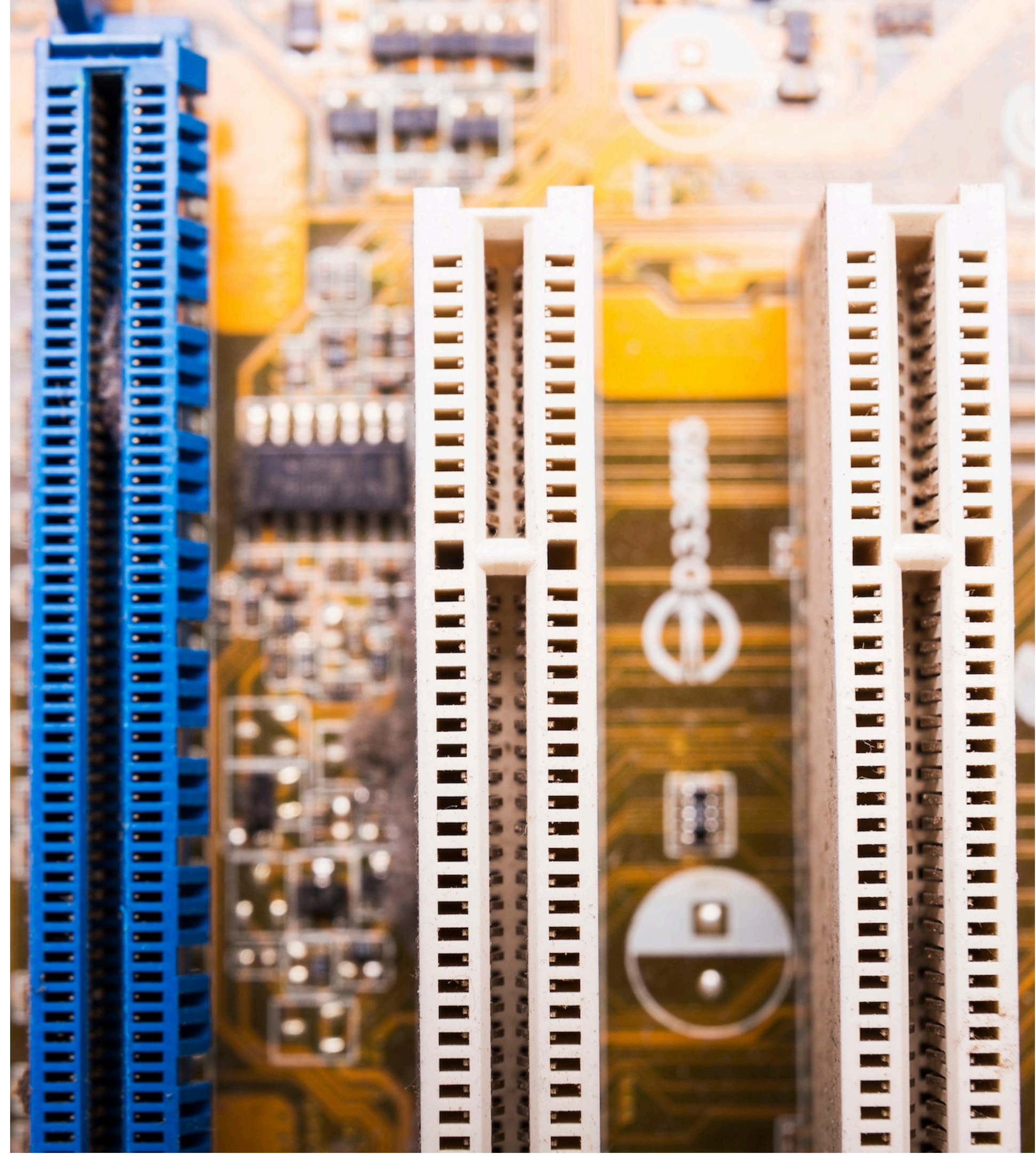# Building a Simple Server: Serving HTML Files with JavaScript

Introduction to Simple Servers

In this presentation, we will explore **building a simple server** using **JavaScript**. You will learn how to serve **HTML files** and understand the basic concepts of server-client architecture. This knowledge is essential for web development and will help you create dynamic web applications.

What is a Server?

Servers are powerful computers that handle requests from clients. They store and serve content such as **HTML**, **CSS**, and **JavaScript** files. Understanding how servers work is crucial for anyone looking to develop web applications or host websites.

Setting Up Your Environment

To start building a server, you need to set up your **development environment**. This includes installing **Node.js**, which allows you to run JavaScript on the server side. Ensure you have a text editor and the necessary tools to create and manage your files.

Creating a Simple Server

Using **Node.js**, you can create a simple server with just a few lines of code. The server listens for incoming requests and responds by serving the appropriate **HTML files**. This is a foundational step in web development and allows for dynamic content delivery.

Serving HTML Files

Once your server is running, you can serve **HTML files** to clients. This involves reading the file from the server's filesystem and sending it as a response to the client's request. Proper handling of requests and responses is key to effective server management.

Conclusion and Next Steps

In conclusion, building a simple server with **JavaScript** is an accessible way to understand web technologies. You can expand your knowledge by exploring **APIs**, **databases**, and more advanced server frameworks. Keep practicing to enhance your skills in web development.

Thanks!