

Write a blog on Difference between HTTP1.1 vs HTTP2



Let's begin by knowing what is **HTTP** ?

HTTP is a Hyper Text Transfer Protocol. *Why is it used?* To transfer data in the internet ie.it allows computers to communicate with each other over the internet. In simple terms, HTTP is a language that web browsers and servers use to talk to each other. HTTP is like the backbone of Internet communication.

Imagine the Internet as a magical land here information get's travelled from one place (web browser) to another place (server) with the help of a friend called HTTP.

Difference between HTTP1.1 vs HTTP2

Let's take 2 scenarios : Imagine you want to give chocolates to your friend .There are two trains 1.An older train and 2.An Superfast Train

SCENARIO 1:

Distributing chocolates with The Older train HTTP1.1

Imagine you're going to give chocolate in an old train. The Older Train can carry only one chocolate at a time ie.it takes multiple trips to delivery chocolate. Now, you're taking the older train where you can

go to your friend and give the chocolate and then you have to go back home for taking the next chocolate and repeat the task again.

SCENARIO 2:

Distributing chocolates with An Superfast Train HTTP2

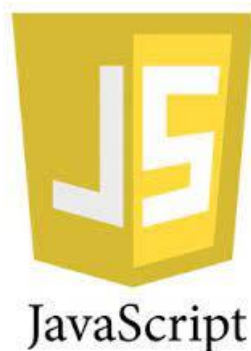
Now, you're taking the Superfast train and instead of taking multiple trips you're taking the bunch of chocolates at once. Because the Superfast train has a lot of carriages. So, you can put all your chocolates in a bag and go and give it to your friend in one go.

Conclusion:

In the world of internet, where information travels like spells between web browsers and servers, the choice between older train (HTTP1.1) and the Superfast train (HTTP2) plays a crucial role when it comes to speed and efficiency of web experience. Just like delivering chocolates, HTTP2's ability to carry more data at once, deliver it speedily and save time is a great thing in today's fast moving world. This is especially important for websites with lot of images, videos and other content, making the web a faster and more enjoyable place for everyone.

Thank you for your time

Write a blog about objects and its internal representation in Javascript



What is Javascript ?

Javascript is a programming language known for its role in Web Development. It allows developers to add interactive elements to websites making them dynamic and responsive.

What is an Object in Javascript?

Think of the Object as a box (storage) where you can stuff things (data) inside it. Each thing that is kept inside the box can have a special name and we can easily find them when we need them.

It holds a key-value pair. We can have multiple keys and value pairs.

Syntax:

{

Key : value pair

}



Example:

```
let book = {  
  title = "Harry Potter",  
  price = 500.50,  
  no.OfPages = 285,  
  author = "J.K.Rowling" }
```

In this example: title, price, no. of pages and author are the keys of the object

Harry Potter, 500.50,285 and J.K.Rowling are its corresponding values.

Objects in Javascript provide a flexible and powerful way to structure and manage the data. They are used in things like profiles, settings and etc.,.

Thank you for your time