

1. Difference between HTTP1.1 vs HTTP2?

As opposed to **HTTP/1.1**, which keeps all requests and responses in plain text format, **HTTP/2** uses the binary framing layer to encapsulate all messages in binary format, while still maintaining **HTTP** semantics, such as verbs, methods, and headers.

2. HTTP version history?

| Year | HTTP Version |
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|------|-----|
| 1991 | 0.9 |
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| 1996 | 1.0 |
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| 1997 | 1.1 |
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| 2015 | 2.0 |
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| 2020 | 3.0 (Draft) |
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3. List 5 differences between Browser JS vs Node JS?

| S.NO | JavaScript | NodeJS |
|------|---|--|
| 1. | Javascript is a programming language that is used for writing scripts on the website. | NodeJS is a Javascript runtime environment. |
| 2. | Javascript can only be run in the browsers. | NodeJS code can be run outside the browser. |
| 3. | It is basically used on the client-side. | It is mostly used on the server-side. |
| 4. | Javascript can run in any browser engine as like JS core in safari and Spidermonkey in Firefox. | NodeJs can only run in V8 engine of google chrome. |
| 5. | Javascript is used in frontend development. | NodeJs is used in server side development. |

4. What happens when you type a URL in the address bar in the browser?

You enter a URL into a web browser. The browser looks up the IP address for the domain name via DNS. The browser sends a HTTP request to the server. The server sends back a HTTP response.