

CSR VS SSR

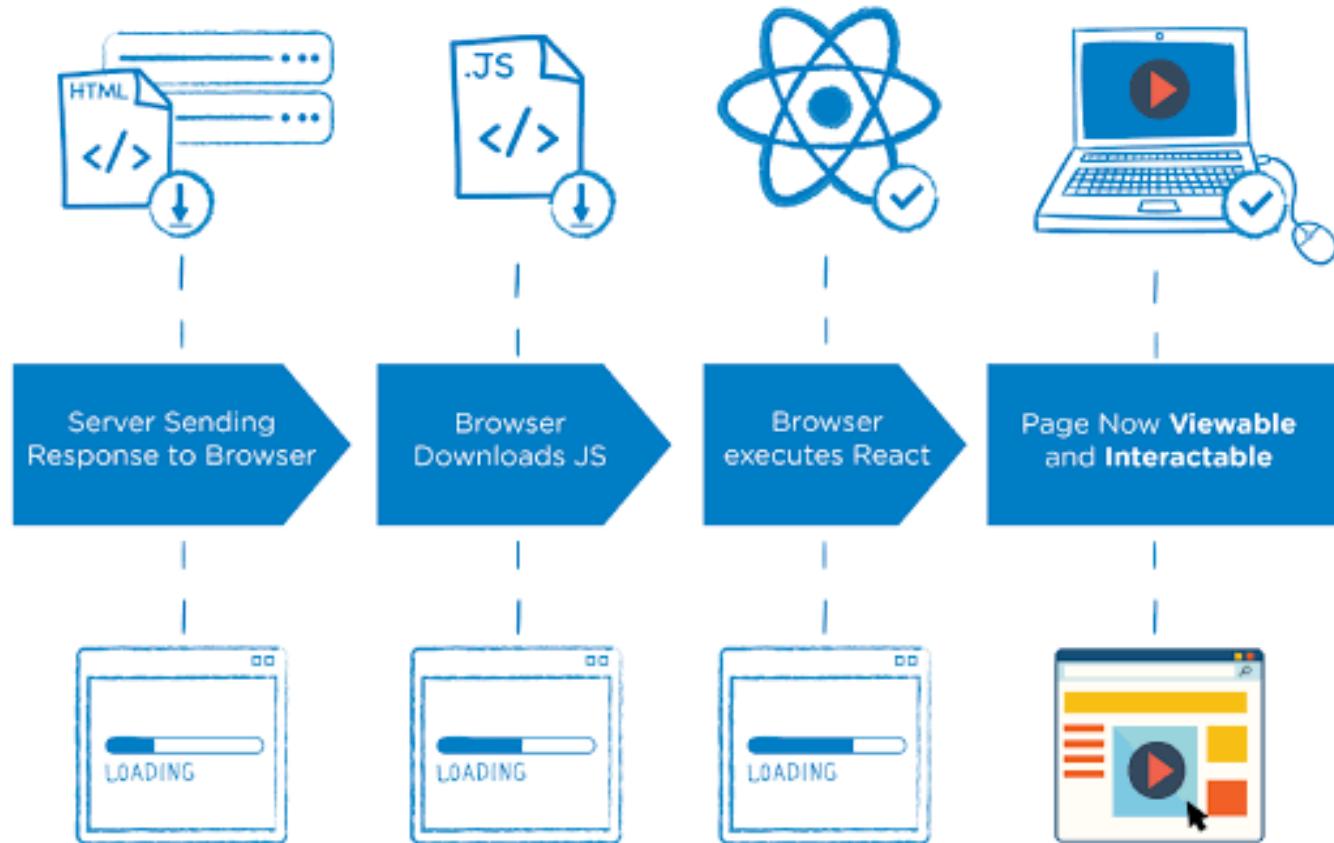
Client Sider
Rendering
vs Server Side
Rendering



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CSR

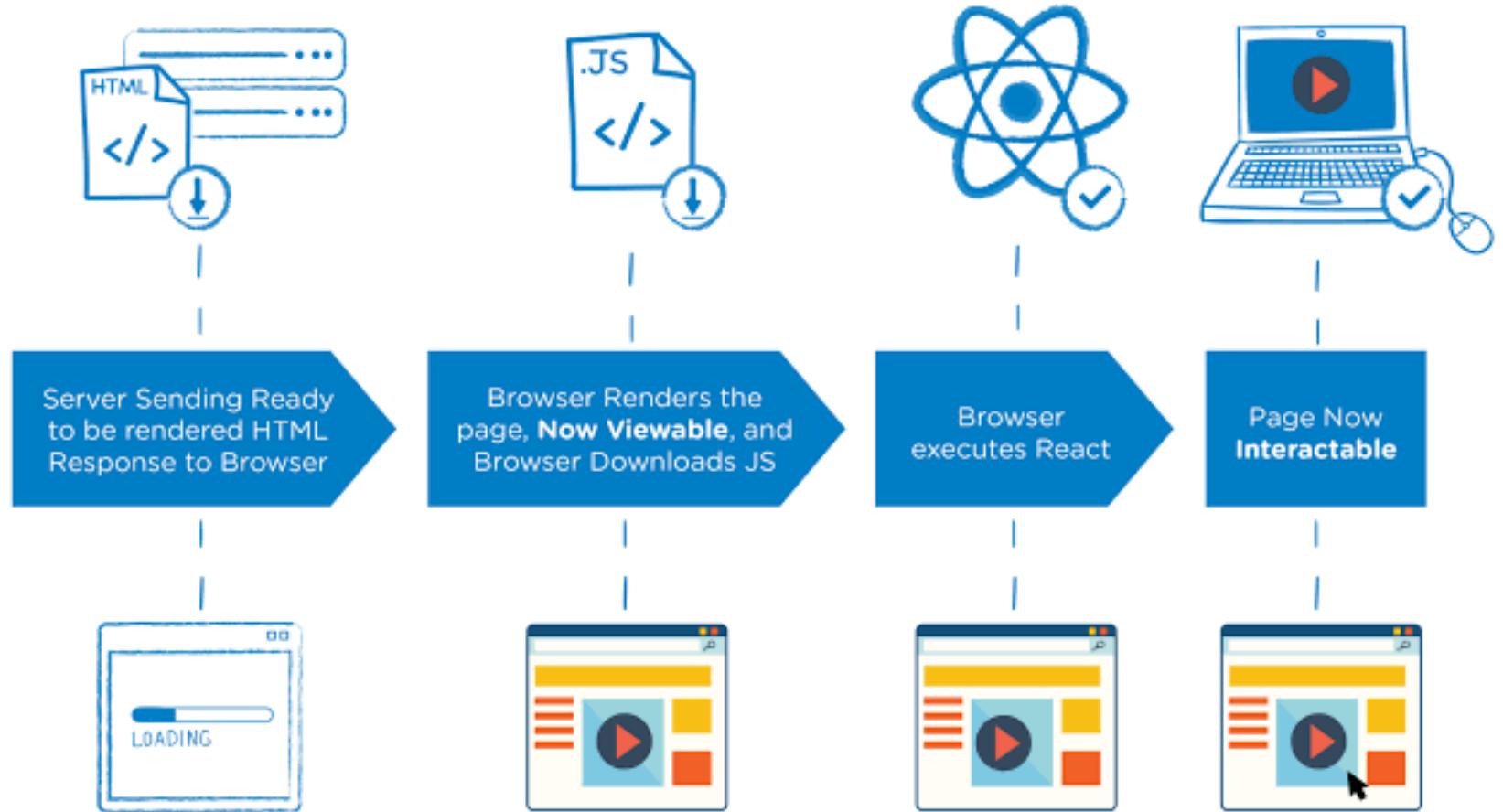


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SSR



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SSR: In SSR, when the user makes a request to the webpage, the server prepares the HTML page by fetching the required data from the database and sends to the user's machine over the internet

CSR: Client-side rendering means that a website's JavaScript is rendered in your browser. So only the required HTML with the JS files will be rendered



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SSR

- + Ideal for static sites
- + Quick initial page access
- + No JS dependency
- + Easy-to-crawl site for better SEO
- Multiple server requests
- Full page reloads
- Non-rich site interactions
- Higher latency, prone to vulnerability

CSR

- + Ideal for web apps
- + Fast site rendering after initial load
- + Rich site interactions
- + Robust JS library selection
- Negative SEO for incorrect rendering & API response delays
- Slow initial load time
- Requires external library
- Higher memory consumption



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