

web-development :

How web ^{Browser} works

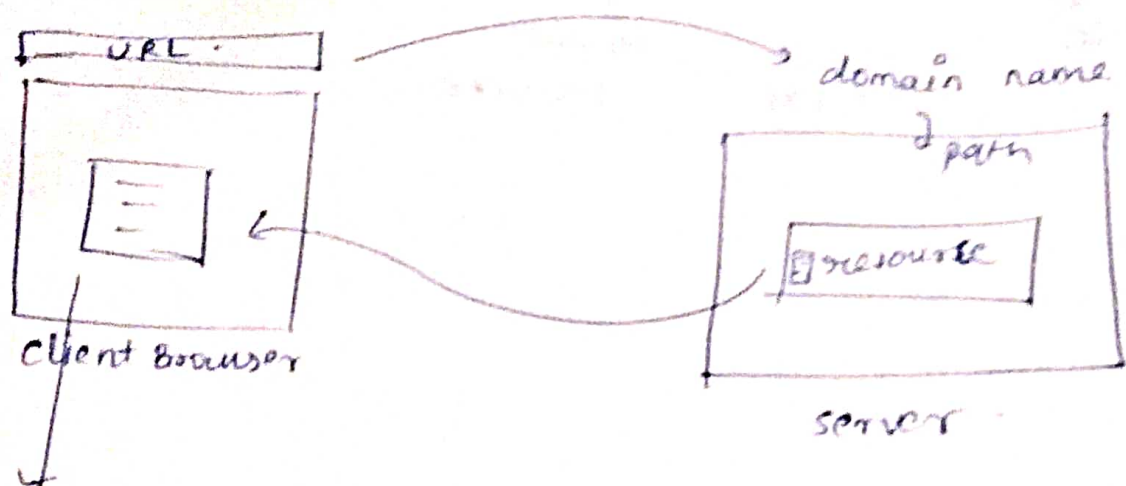
(Gyanmatix)

URL → uniform resource locator.

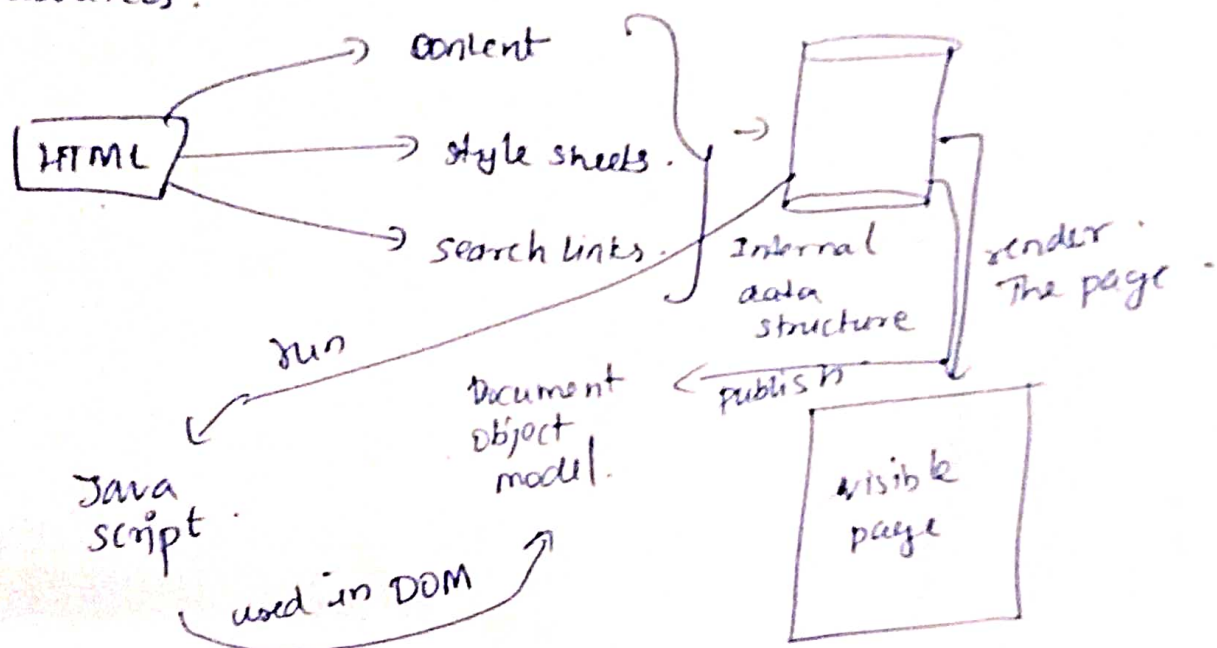
Eg (scheme or protocol) : // server domain : port / path
↓
name *
http : // en.wikipedia.org / wiki

- 1.) scheme or protocol
- 2.) server domain name
- 3.) port (default : 80)
- 4.) path to resource [name & extension
- 5.) query string } optional
- 6.) fragment ID }

Eg- of url is HTML tags.
``



1.) Browser parses HTML file
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 HTML consists of content, structures and links to other resources.



DOM → Document object model.

- DOM represents the content of XML (or) HTML document as tree structure.
- DOM is an API and it can be used with any programming language most commonly used is Javascript.
- DOM- can easily read, access, update the contents of the document