웹
테크트리

HTTP란
무엇인가?

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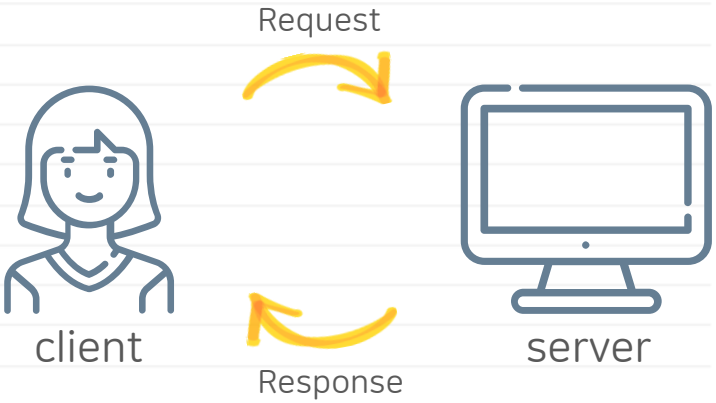
01

HTTP

HTTP의 동작과 특징

HTTP

Hypertext Transfer Protocol



비연결성 프로토콜

오버헤드

Cookie / Session

02

Request

Request Method GET/POST

Request

클라이언트가 서버에게 연락하는 것

Request Method

- GET : 자료를 요청
- POST : 자료의 생성을 요청
- PUT
- DELETE

GET

www.example.com/resource?name1=value1&name2=value2

POST

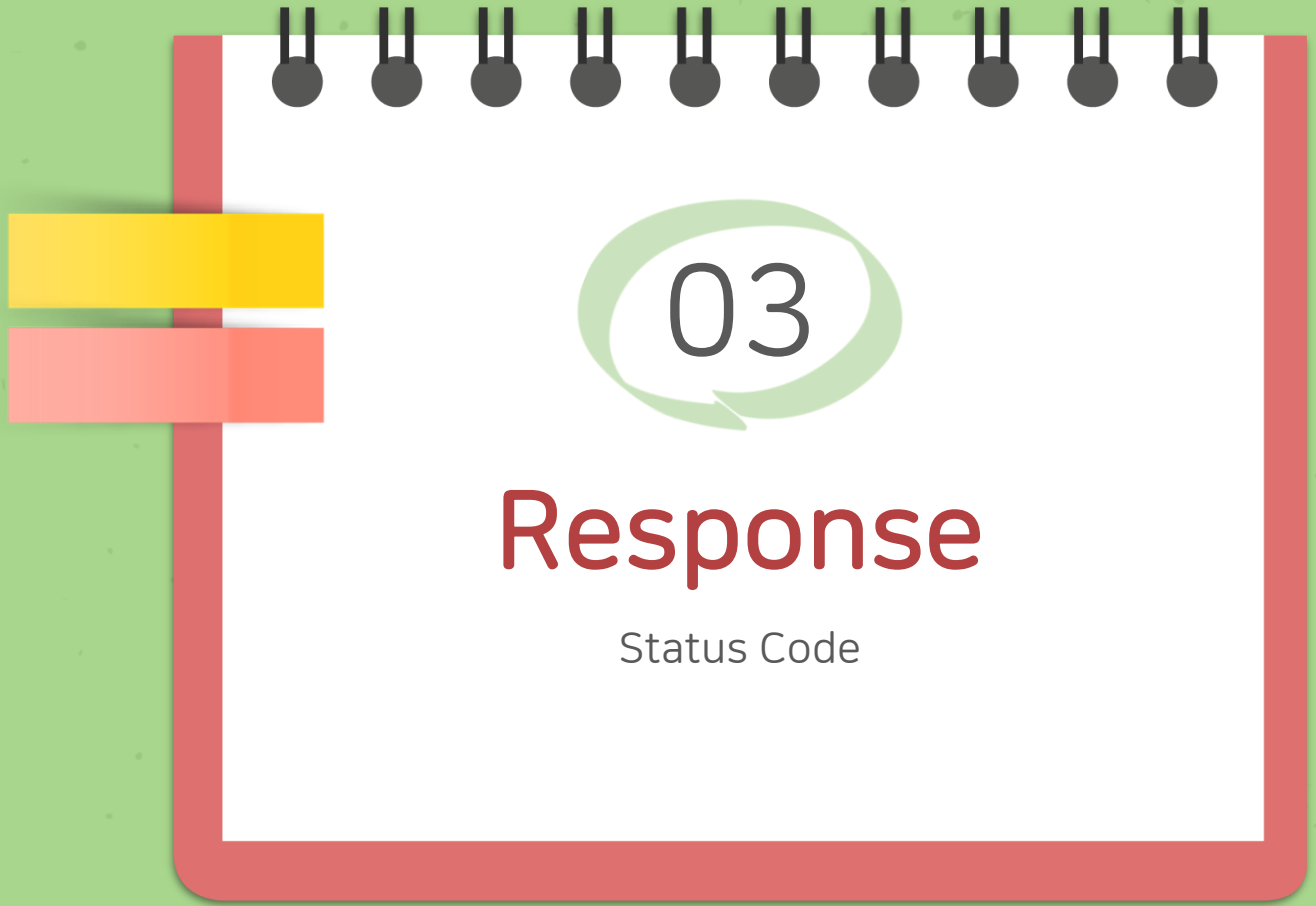
HTTP 메시지의 Body에 담아서 보냄

```
GET / HTTP/1.1
Host: lyk00331.tistory.com
Connection: close
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/85.0.4183.83 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-Dest: document
Accept-Encoding: gzip, deflate
Accept-Language: ko-KR,ko;q=0.9,en-US;q=0.8,en;q=0.7

```

```
POST /manage/posts.json HTTP/1.1
Host: lyk00331.tistory.com
Connection: close
Content-Length: 299
Accept: application/json, text/plain, */*
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/85.0.4183.83 Safari/537.36
Content-Type: application/json;charset=UTF-8
Origin: https://lyk00331.tistory.com
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: cors
Sec-Fetch-Dest: empty
Referer: https://lyk00331.tistory.com/manage/newpost/?type=post&returnURL=%2Fmanage%2Fposts%2F
Accept-Encoding: gzip, deflate
Accept-Language: ko-KR,ko;q=0.9,en-US;q=0.8,en;q=0.7
Cookie: __T_=1; [redacted]

{
  "id":0,
  "title":"test",
  "content":"<p>test</p>",
  "slogan":"test",
  "visibility":0,
  "category":0,
  "tag":"",
  "published":1,
  "password":"[redacted]",
  "uselessMarginForEntry":1,
  "daumLike":null,
  "cclCommercial":0,
  "cclDerive":0,
  "thumbnail":null,
  "type":"post",
  "attachments":[
  ],
  "recaptchaValue":"",
  "draftSequence":null
}
```


03
Response
Status Code

Response

서버가 요청에 대한 답변을
클라이언트에게 보내는 것

Status Code

- 1XX (조건부 응답)
- 2XX (성공)
- 3XX (리다이렉션 완료)
- 4XX (클라이언트 오류)
- 5XX (서버 오류)

```
HTTP/1.1 200 OK
Date: Tue, 09 Feb 2021 07:31:32 GMT
Content-Type: text/html; charset=UTF-8
Content-Length: 874
Connection: close
Vary: Accept-Encoding

<!doctype html>
<html>
  <head>

  </head>
  <body>
    <script>
      var openWindow, source, origin;

      function handleMessage(event) {
        var entryId = event.data;
```

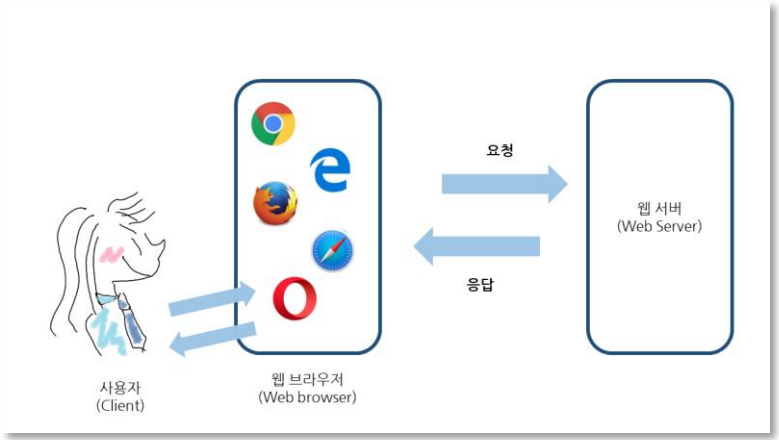
04

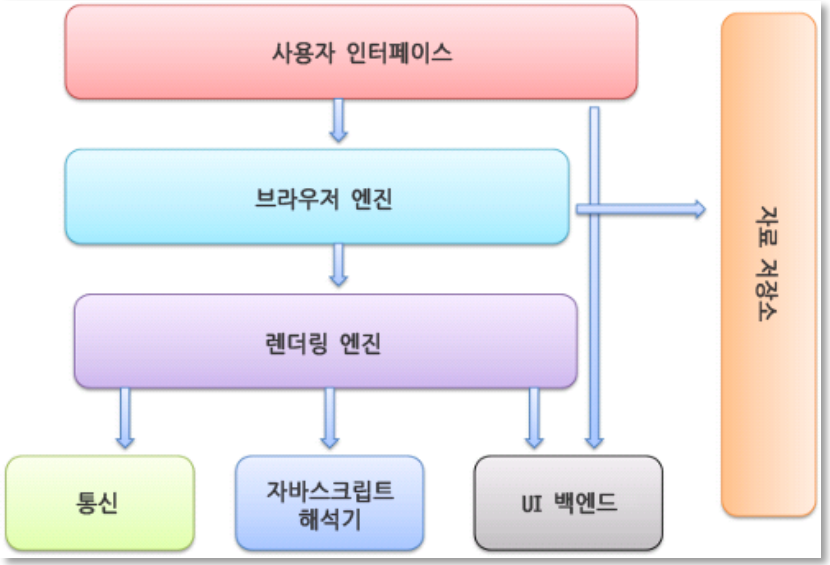
웹 브라우저

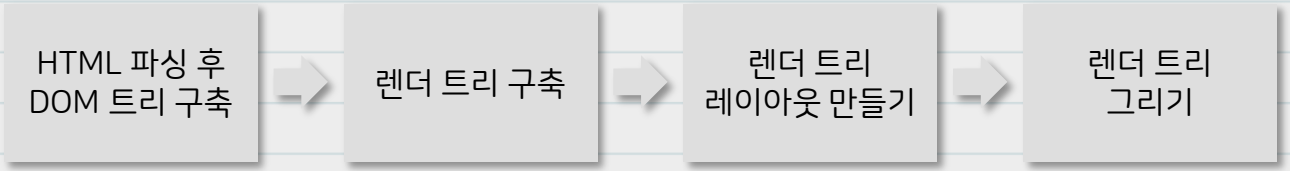
브라우저와 동작 원리

웹 브라우저

브라우저의 작동 원리





Rendering Engine

렌더링 엔진 작동 방식