

Laboratorul 10

Tehnologii Web

Obiectivele laboratorului



Postman



AJAX



FetchAPI



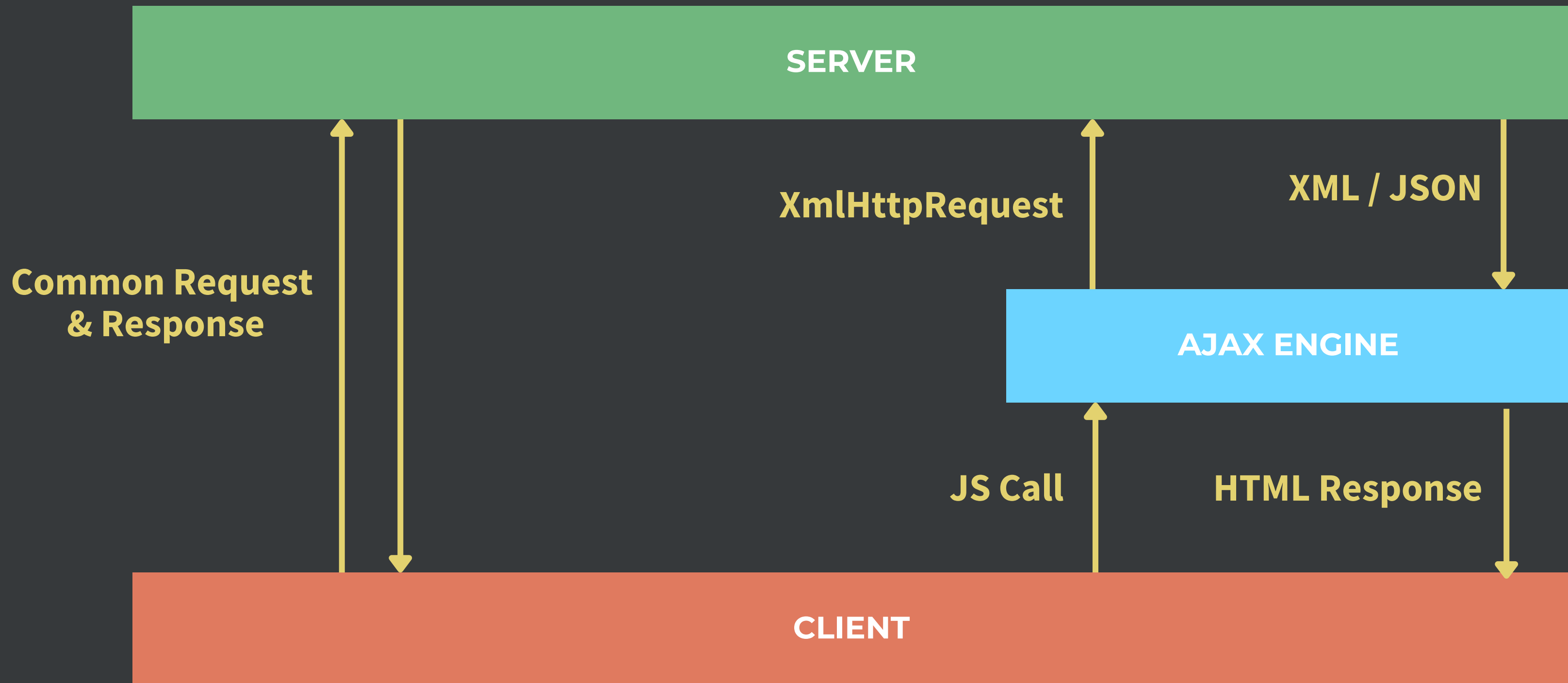
Exerci

AJAX

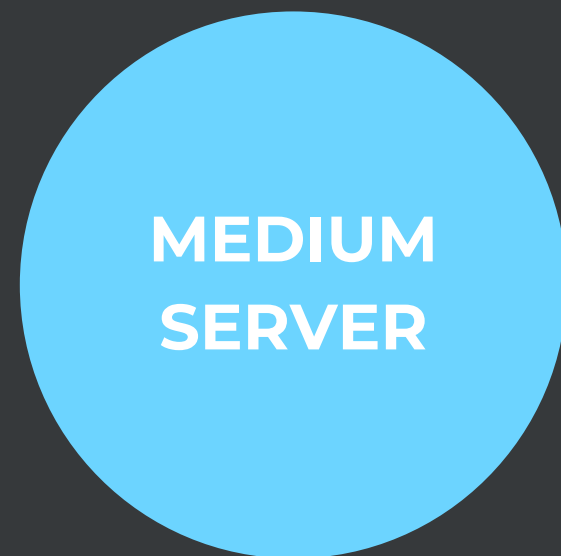
Aynchronous
JavaScript
And
Xml



AJAX call anatomy



AJAX call anatomy



AJAX call anatomy

An event occurs...

- Create an XMLHttpRequest object
- Send HttpRequest

INTERNET

- Process HttpRequest
- Create a response and send data back to the browser

- Process the returned data using JavaScript
- Update page content

INTERNET

Event Listeners

```
<div>
  <p class="name">freeCodeCamp</p>
  <button onclick="changeColor()">Change to Blue</button>
</div>

<script>
  const name = document.querySelector(".name");
  const btn = document.querySelector("button");

  btn.addEventListener("mouseover", function () {
    name.innerHTML = "test";
  });

  btn.addEventListener("mouseleave", function () {
    name.innerHTML = "freeCodeCamp";
  });

  function changeColor() {
    name.style.color = "blue";
  }
</script>
```

AJAX Call

```
<script>
  function reqListener() {
    console.log(this.responseText);
  }

  var oReq = new XMLHttpRequest();
  oReq.addEventListener("load", reqListener);
  oReq.open("GET", "https://api.chucknorris.io/jokes/random");
  oReq.send();
</script>
```


FETCH API

{ fetch }

Fetch Call

```
<script>
  fetch(url)
    .then((response) => {
      //handle the response
    })
    .catch((error) => {
      //handle the error
    });
</script>
```

Exerciții

**“EVERYONE YOU WILL EVER
MEET KNOWS SOMETHING
YOU DON’T.”**

— Bill Nye