Java Script

By Daw Khaing Swe Win (HostMyanmar IT Solutions)

request

response
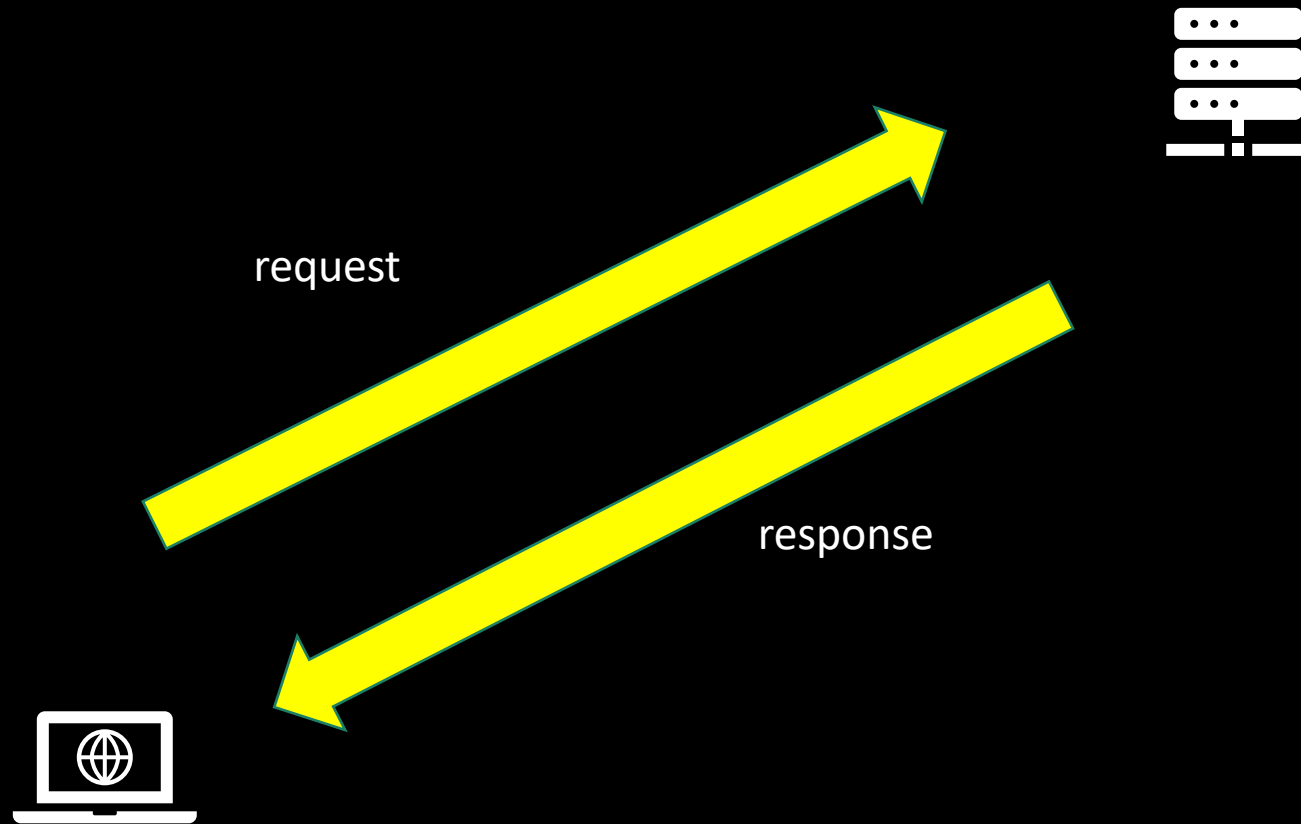
JS

- designed to be run inside a web browser that is run client-side.

- Standard javascript version: ES6

JS in a webpage

```
<script>
        alert('This is PreIntern Group!');
</script>
```

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Functions

```
function greeting()
{
    alert(This is PreIntern Group!');
}
```

Events

- onclick
- onmouseover
- onkeydown
- onkeyup
- onload
- onblur
- …

QuerySelector

- document.querySelector('tag')
- document.querySelector('#id')
- document.querySelector('.class')

Manipulating DOM

- JS has the power to actually change the contents of webpage.

- document refers to the web page currently being displayed.

- querySelector('tag') is a function that searches through the webpage for a particular CSS selector and returns that element. If there are multiple results, only the first result is returned.

- The innerHTML property of an element is the HTML content contained within the element's tags

Callback function

- The function being passed is called a 'callback' function.

- The callback is called when the event being listened for occurs.

Variables

local to the scope of the innermost pair of curly braces

var

let

const

local to the function it is defined in

a constant variable that cannot be redefined later

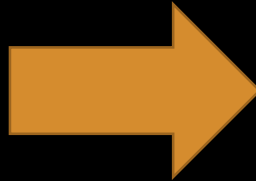# Data Attribute

- Through dataset Object, get the property after the data-

Arrow Functions

- Regular Function
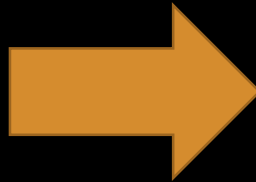
```
function greet()
{
alert("Hello World");
}
```

- Arrow Function

```
() =>
{
alert("Hello World");
}
```

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Arrow Functions

- Regular Function

```
function greet(name)
{
alert("Hello ${name}");
}
```

- Arrow Function

```
name =>
{
alert("Hello ${name}");
}
```

DOM Create Element

```
const li = document.createElement('li');

li.innerHTML = document.querySelector('#task').value;

document.querySelector('#list').append(li);
```

JQuery & Ajax

- jQuery : to make it much easier to use JavaScript on your website.
  - DOM Selection
  - DOM Manipulation
  - Events

- Ajax: to get more information from server without needing to reload an entirely new page.

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Integrating with PHP

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