

Module 7: DOM, Events

In this Module:

Document Object Model

- What is DOM and how it's working?
- Manipulation
- Events, bubbling
- Traversing DOM elements
- Event caption
- Event delegation

MDN Document Object Model Documentation:

“The Document Object Model (DOM) is a programming interface for HTML and XML documents. It represents the page so that programs can change the document structure, style, and content. The DOM represents the document as nodes and objects. That way, programming languages can connect to the page.”

https://developer.mozilla.org/en-US/docs/Web/API/Document_Object_Model/Introduction

DOM and Events Crash Course (in Russian)

“Изучаем работу со страницей – как получать элементы, манипулировать их размерами, динамически создавать интерфейсы и взаимодействовать с посетителем.”

<https://learn.javascript.ru/ui>

Events and the DOM (docs)

https://developer.mozilla.org/en-US/docs/Web/API/Document_Object_Model/Events

Traversing an HTML table with JavaScript and DOM Interfaces

“This article is an overview of some powerful, fundamental DOM level 1 methods and how to use them from JavaScript. You will learn how to create, access and control, and remove HTML elements dynamically.”

https://developer.mozilla.org/en-US/docs/Web/API/Document_Object_Model/Traversing_an_HTML_table_with_JavaScript_and_DOM_Interfaces

An Introduction to DOM Events with JavaScript (a bit outdated but good examples)

“how to work with events in JavaScript”

<https://www.youtube.com/watch?v=QE1YQnhntgw>

JavaScript Event Capture, Propagation and Bubbling

"All about those confusing event things in JavaScript"

<https://www.youtube.com/watch?v=F1anRyL37IE>

What is Event Delegation?

"In this video we take a look at what exactly Event Delegation is and how to implement in JavaScript"

<https://www.youtube.com/watch?v=pKzf80F3O0U>