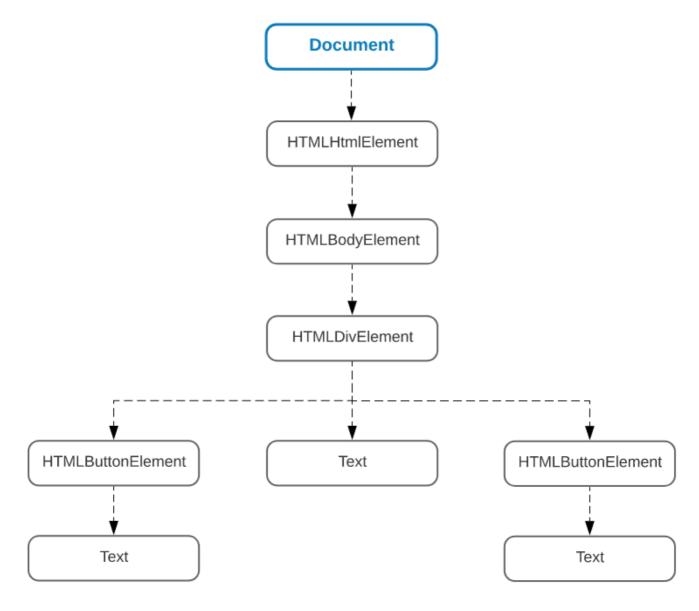
DOM Tree

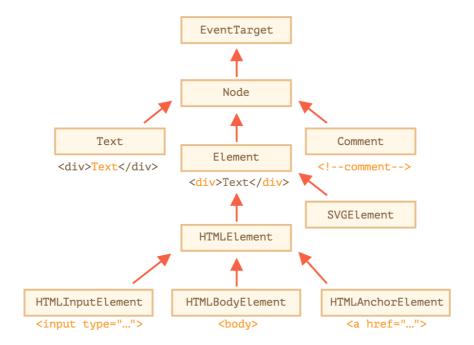


Source: https://elmprogramming.com/virtual-dom.html

AGENDA

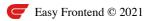
- 1. Node data type
- 2. EventTarget interface
- 3. Node interface

1. Node data type



Source: Basic DOM Node Props | javascript.info

- EventTarget: root "abstract" class
- Node: "abstract" class, a base for DOM nodes.
- Element: base class for DOM elements.
- HTMLElement: basic class for all HTML elements
 - HTMLInputElement the class for <input> elements
 - HTMLBodyElement the class for <body> elements
 - HTMLAnchorElement the class for <a> elements
 - o ...



2. EventTarget interface

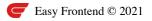
#		Name	Desc	
1		EventTarget.addEventListener()	Register an event hander of a specific event type	
	2	EventTarget.removeEventListener()	Remove an event listener	

Source: https://developer.mozilla.org/en-US/docs/Web/API/EventTarget

3. Node interface

Propperties

#	Name	Desc	
1	Node.childNodes	return a live NodeList containing all children (elements, text, comments)	
2	Node.firstChild	return the first direct child, otherwise return null	
3	Node.lastChild	return the last direct child, otherwise return null	
4	Node.previousSibling	return the previous node in the tree	
5	Node.nextSibling	return the next node in the tree	
6	Node.nodeName	the name of the node (BODY, DIV, #text, #document)	
7	Node. nodeType	return an unsigned short representing the type of the node	
8	Node.nodeValue	get / set value of the node	
9	Node.parentNode	return the parent node	
10	Node.parentElement	return an Element that is the parent of this node	
11	Node.textContent	get / set the textual content of an element and all its desdants	



Methods

#	Name	Desc
1	Node.insertBefore(newNode, referenceNode)	Insert newNode before referenceNode
2	Node.appendChild(childNode)	Append childNode as the last child of current node
3	Node. cloneNode (deep) - deep = true / false	Clone current code, deep = true -> clone the whole subtree.
4	Node.contains(otherNode)	Check if current node contain otherNode or not
5	Node.hasChildNodes()	Check if has any child node or not
6	Node.removeChild(childNode)	Remove a child node from current node
7	Node.replaceChild(newChild, oldChild)	Replace the oldChild with newChild node

Source: https://developer.mozilla.org/en-US/docs/Web/API/Node

nodeType

Node.nodeType		Description
Node.ELEMENT_NODE		An Element node like or <div></div>
Node.ATTRIBUTE_NODE	2	An Attribute of an Element
Node.TEXT_NODE	3	The actual Text inside an Element or Attr
Node.CDATA_SECTION_NODE	4	A CDATASection, such as CDATA[[]]
Node.PROCESSING_INSTRUCTION_NODE	7	A ProcessingInstruction of an XML document, such as xml-stylesheet ?
Node.COMMENT_NODE	8	A Comment node, such as
Node.DOCUMENT_NODE	9	A Document node
Node.DOCUMENT_TYPE_NODE	10	A DocumentType node, such as html
Node.DOCUMENT_FRAGMENT_NODE	11	A DocumentFragment node

Source: https://developer.mozilla.org/en-US/docs/Web/API/Node/nodeType

Tham khảo

- https://javascript.info/basic-dom-node-properties
- https://developer.mozilla.org/en-US/docs/Web/API/Element

Khoá học Javascript cho người mới bắt đầu 2021 🎉

- Tác giả: **Hậu Nguyễn** Founder Easy Frontend
- Khoá học chỉ được published trên Udemy, không thông qua trung gian.
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