

iframe Element

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[iframe Element](#)

iframe Element

An **iframe** element in the object model of an HTML document provides content to be displayed in an internal frame. When creating a document with HTML code in serialized form, use an [`<iframe> tag`](#) to create an **iframe** element.

[HTMLIFrameElement interface](#)

Superinterface:

[HTMLElement](#)

[HTML Tag Reference:](#)

[`<iframe> tag`](#)

<pre>DOM Properties <script> document.getElementById("property- headings").colspan = 3; var cell = document.createElement("th"); document.getElementById("property- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>	<p>Document</p>	<p>element.contentDocument element.contentDocument = value</p>
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<p>get or set</p>	<p>Document</p>	<p>element.contentDocument element.contentDocument = value</p> <pre><script> var cell = document.getElementById("content- document").insertCell(-1); elem = document.createElement("iframe"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
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<pre>DOM Properties <script> document.getElementById("property- headings").colspan = 3; var cell = document.createElement("th"); document.getElementById("property- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>	
get or set	<p>WindowProxy</p> <p><i>element.contentWindow</i> <i>element.contentWindow = value</i></p> <pre><script> var cell = document.getElementById("content- window").insertCell(-1); elem = document.createElement("iframe"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
get or set	<p>DOMString</p> <p><i>element.height</i> <i>element.height = value</i></p> <pre><script> var cell = document.getElementById("height").inse elem = document.createElement("iframe"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
get or set	<p>DOMString</p> <p><i>element.name</i> <i>element.name = value</i></p> <pre><script> var cell = document.getElementById("name").inser elem = document.createElement("iframe"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
get only	<p>DOMSettableTokenList</p> <p><i>element.sandbox</i> <i>element.sandbox = value</i></p> <pre><script> var cell = document.getElementById("sandbox").in</pre>

<pre>DOM Properties <script> document.getElementById("property- headings").colspan = 3; var cell = document.createElement("th"); document.getElementById("property- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>		<pre>elem = document.createElement("iframe"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>
get or set	boolean	<p><i>element.seamless</i> <i>element.seamless = value</i></p> <pre><script> var cell = document.getElementById("seamless"); elem = document.createElement("iframe"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>
get or set	DOMString	<p><i>element.src</i> <i>element.src = value</i></p> <pre><script> var cell = document.getElementById("src").innerHTML; elem = document.createElement("iframe"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>
get or set	DOMString	<p><i>element.srcdoc</i> <i>element.srcdoc = value</i></p> <pre><script> var cell = document.getElementById("srcdoc"); elem = document.createElement("iframe"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>
get or set	DOMString	<p><i>element.width</i> <i>element.width = value</i></p>

<pre>DOM Properties <script> document.getElementById("property- headings").colspan = 3; var cell = document.createElement("th"); document.getElementById("property- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>	
	<pre><script> var cell = document.getElementById("width").insert- elem = document.createElement("iframe"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
DOM Properties inherited from HTMLElement	
get or set	DOMString <p>iframe.className The class name(s) from the class attribute.</p> <pre><script> var cell = document.getElementById("class- name- property").insertCell(-1); elem = document.createElement("iframe"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
get or set	DOMString <p>iframe.dir The direction of text flow.</p> <pre><script> var cell = document.getElementById("dir- property").insertCell(-1); elem = document.createElement("iframe"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
get or set	DOMString <p>iframe.id The element's unique ID.</p>

		<pre><script> var cell = document.getElementById("id- property").insertCell(-1); elem = document.createElement("iframe"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
get or set	DOMString	<p>iframe.lang</p> <p>The language of text inside the element.</p> <pre><script> var cell = document.getElementById("lang- property").insertCell(-1); elem = document.createElement("iframe"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
get or set	DOMString	<p>iframe.title</p> <p>The iframe's title.</p> <pre><script> var cell = document.getElementById("title- property").insertCell(-1); elem = document.createElement("iframe"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>

DOM Events		
Event Type	Property <pre><script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>	
abort	Function	onabort <pre><script> var cell = document.getElementById("onabort"); elem = document.createElement("iframe"); elem.setAttribute("onabort", "return true");</pre>

DOM Events	
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
	<pre>cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
canplay	Function
canplaythrough	Function
change	Function
click	Function

DOM Events	
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
	<pre>cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
contextmenu	Function
	<pre>oncontextmenu <script> var cell = document.getElementById("onconten elem = document.createElement("iframe"); elem.setAttribute("oncontextmenu", "return true"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
cuechange	Function
	<pre>oncuechange <script> var cell = document.getElementById("oncuec elem = document.createElement("iframe"); elem.setAttribute("oncuechange", "return true"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
dblclick	Function
	<pre>ondblclick <script> var cell = document.getElementById("ondblcl elem = document.createElement("iframe"); elem.setAttribute("ondblclick", "return true"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
drag	Function
	<pre>ondrag <script> var cell = document.getElementById("ondrag elem = document.createElement("iframe"); elem.setAttribute("ondrag",</pre>

DOM Events	
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
	<pre>"return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
dragend	Function
	<pre>ondragend <script> var cell = document.getElementById("ondragend"); elem = document.createElement("iframe"); elem.setAttribute("ondragend", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
dragenter	Function
	<pre>ondragenter <script> var cell = document.getElementById("ondragenter"); elem = document.createElement("iframe"); elem.setAttribute("ondragenter", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
dragleave	Function
	<pre>ondragleave <script> var cell = document.getElementById("ondragleave"); elem = document.createElement("iframe"); elem.setAttribute("ondragleave", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
dragover	Function
	<pre>ondragover <script> var cell = document.getElementById("ondragover"); elem =</pre>

DOM Events	
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
	<pre>document.createElement("ifra me"); elem.setAttribute("ondragover", "return true"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
dragstart	Function <pre>ondragstart <script> var cell = document.getElementById("ondrag- start"); elem = document.createElement("iframe"); elem.setAttribute("ondragstart", "return true"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
drop	Function <pre>ondrop <script> var cell = document.getElementById("ondrop"); elem = document.createElement("iframe"); elem.setAttribute("ondrop", "return true"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
durationchange	Function <pre>ondurationchange <script> var cell = document.getElementById("ondura- change"); elem = document.createElement("iframe"); elem.setAttribute("ondurationchang "return true"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
emptied	Function <pre>onemptied <script> var cell = document.getElementById("onempt ed"); elem = document.createElement("iframe"); elem.setAttribute("onemptied", "return true"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>

DOM Events	
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
	<pre>elem = document.createElement("iframe"); elem.setAttribute("onemptied", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
ended	Function
formchange	Function
forminput	Function

DOM Events		
Event Type		<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
input	Function	<pre>oninput <script> var cell = document.getElementById("oninput"); elem = document.createElement("iframe"); elem.setAttribute("oninput", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
invalid	Function	<pre>oninvalid <script> var cell = document.getElementById("oninvalid"); elem = document.createElement("iframe"); elem.setAttribute("oninvalid", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
keydown	Function	<pre>onkeydown <script> var cell = document.getElementById("onkeydown"); elem = document.createElement("iframe"); elem.setAttribute("onkeydown", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
keypress	Function	<pre>onkeypress <script> var cell = document.getElementById("onkeypress"); elem = document.createElement("iframe"); elem.setAttribute("onkeypress", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>

DOM Events	
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
	<pre>in elem ? "Yes" : "No")); </ script></pre>
keyup	Function
	<pre>onkeyup <script> var cell = document.getElementById("onkeyup").in- elem = document.createElement("iframe"); elem.setAttribute("onkeyup", "return true"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>
loadeddata	Function
	<pre>onloadeddata <script> var cell = document.getElementById("onloadeddata").in- elem = document.createElement("iframe"); elem.setAttribute("onloadeddata", "return true"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>
loadedmetadata	Function
	<pre>onloadedmetadata <script> var cell = document.getElementById("onloadedmeta- data").in- elem = document.createElement("iframe"); elem.setAttribute("onloadedmetadata", "return true"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>
loadstart	Function
	<pre>onloadstart <script> var cell = document.getElementById("onloadstart").in- elem = document.createElement("iframe"); elem.setAttribute("onloadstart", "return true"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>

DOM Events	
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
	<pre>"return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
mousedown	Function
	<pre>onmousedown <script> var cell = document.getElementById("onmous- down"); elem = document.createElement("iframe"); elem.setAttribute("onmousedown", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
mousemove	Function
	<pre>onmousemove <script> var cell = document.getElementById("onmouse- move"); elem = document.createElement("iframe"); elem.setAttribute("onmousemove", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
mouseout	Function
	<pre>onmouseout <script> var cell = document.getElementById("onmous- out"); elem = document.createElement("iframe"); elem.setAttribute("onmouseout", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
mouseover	Function
	<pre>onmouseover <script> var cell = document.getElementById("onmous- over"); elem = document.createElement("iframe"); elem.setAttribute("onmouseover", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>

DOM Events	
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
	<pre>elem = document.createElement("iframe"); elem.setAttribute("onmouseover", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
mouseup	Function
	<pre>onmouseup <script> var cell = document.getElementById("onmouseup"); elem = document.createElement("iframe"); elem.setAttribute("onmouseup", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
mousewheel	Function
	<pre>onmousewheel <script> var cell = document.getElementById("onmousewheel"); elem = document.createElement("iframe"); elem.setAttribute("onmousewheel", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
pause	Function
	<pre>onpause <script> var cell = document.getElementById("onpause").in elem = document.createElement("iframe"); elem.setAttribute("onpause", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>

DOM Events		
Event Type		<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
play	Function	<pre>onplay <script> var cell = document.getElementById("onplay"); elem = document.createElement("iframe"); elem.setAttribute("onplay", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
playing	Function	<pre>onplaying <script> var cell = document.getElementById("onplayin"); elem = document.createElement("iframe"); elem.setAttribute("onplaying", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
progress	Function	<pre>onprogress <script> var cell = document.getElementById("onprogr"); elem = document.createElement("iframe"); elem.setAttribute("onprogress", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>
ratechange	Function	<pre>onratechange <script> var cell = document.getElementById("onratech"); elem = document.createElement("iframe"); elem.setAttribute("onratechange", "return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>

DOM Events	
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
	<pre>in elem ? "Yes" : "No")); </ script></pre>
readystatechange	Function <pre>onreadystatechange <script> var cell = document.getElementById("onreadystatechange"); elem = document.createElement("iframe"); elem.setAttribute("onreadystatechange", "return true"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>
reset	Function <pre>onreset <script> var cell = document.getElementById("onreset").ins elem = document.createElement("iframe"); elem.setAttribute("onreset", "return true"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>
seeked	Function <pre>onseeked <script> var cell = document.getElementById("onseeked").ins elem = document.createElement("iframe"); elem.setAttribute("onseeked", "return true"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>
seeking	Function <pre>onseeking <script> var cell = document.getElementById("onseeking").ins elem = document.createElement("iframe"); elem.setAttribute("onseeking", "return true"); cell.appendChild(document.createTextNode("Supported")); in elem ? "Yes" : "No")); </ script></pre>

DOM Events		
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>	
		in elem ? "Yes" : "No")); </ script>
select	Function	<pre>onselect <script> var cell = document.getElementById("onselec- elem = document.createElement("iframe"); elem.setAttribute("onselect", "return true"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
show	Function	<pre>onshow <script> var cell = document.getElementById("onshow- elem = document.createElement("iframe"); elem.setAttribute("onshow", "return true"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
stalled	Function	<pre>onstalled <script> var cell = document.getElementById("onstalle- elem = document.createElement("iframe"); elem.setAttribute("onstalled", "return true"); cell.appendChild(document.createT in elem ? "Yes" : "No")); </ script></pre>
submit	Function	<pre>onsubmit <script> var cell = document.getElementById("onsubm- elem = document.createElement("iframe"); elem.setAttribute("onsubmit", "return true"); cell.appendChild(document.createT</pre>

DOM Events		
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>	in elem ? "Yes" : "No")); </ script>
suspend	Function	<pre>onsuspend <script> var cell = document.getElementById("onsuspend") elem = document.createElement("iframe"); elem.setAttribute("onsuspend", "return true"); cell.appendChild(document.createTextNode("Suspended")); in elem ? "Yes" : "No")); </ script></pre>
timeupdate	Function	<pre>ontimeupdate <script> var cell = document.getElementById("ontimeupdate") elem = document.createElement("iframe"); elem.setAttribute("ontimeupdate", "return true"); cell.appendChild(document.createTextNode("Time updated")); in elem ? "Yes" : "No")); </ script></pre>
volumchange	Function	<pre>onvolumechange <script> var cell = document.getElementById("onvolumechange") elem = document.createElement("iframe"); elem.setAttribute("onvolumechange", "return true"); cell.appendChild(document.createTextNode("Volume changed")); in elem ? "Yes" : "No")); </ script></pre>
waiting	Function	<pre>onwaiting <script> var cell = document.getElementById("onwaiting").innerHTML elem = document.createElement("iframe"); elem.setAttribute("onwaiting", "return true"); cell.appendChild(document.createTextNode("Waiting")); in elem ? "Yes" : "No")); </ script></pre>

DOM Events	
Event Type	<pre>Property <script> document.getElementById("dom- events").colspan = 4; var cell = document.createElement("th"); document.getElementById("event- headings").appendChild(cell); cell.appendChild(document.createTextNode("Supported")); </script></pre>
	<pre>"return true"); cell.appendChild(document.createTextNode(in elem ? "Yes" : "No")); </ script></pre>

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THE END