**Properties and Methods**

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| **Property / Method** | **Description** |
| [*attr*.isId](http://www.w3schools.com/jsref/prop_attr_isid.asp) | Returns true if the attribute is of type Id, otherwise it returns false |
| [*attr*.name](http://www.w3schools.com/jsref/prop_attr_name.asp) | Returns the name of an attribute |
| [*attr*.value](http://www.w3schools.com/jsref/prop_attr_value.asp) | Sets or returns the value of the attribute |
| [*attr*.specified](http://www.w3schools.com/jsref/prop_attr_specified.asp) | Returns true if the attribute has been specified, otherwise it returns false |
|  |  |
| [*nodemap*.getNamedItem()](http://www.w3schools.com/jsref/met_namednodemap_getnameditem.asp) | Returns a specified attribute node from a NamedNodeMap |
| [*nodemap*.item()](http://www.w3schools.com/jsref/met_namednodemap_item.asp) | Returns the attribute node at a specified index in a NamedNodeMap |
| [*nodemap*.length](http://www.w3schools.com/jsref/prop_namednodemap_length.asp) | Returns the number of attribute nodes in a NamedNodeMap |
| [*nodemap*.removeNamedItem()](http://www.w3schools.com/jsref/met_namednodemap_removenameditem.asp) | Removes a specified attribute node |
| [*nodemap*.setNamedItem()](http://www.w3schools.com/jsref/met_namednodemap_setnameditem.asp) | Sets the specified attribute node (by name) |

**NoteDOM 4 Warning !!!**

In the W3C DOM Core, the Attr (attribute) object inherits all properties and methods from the Node object.

In DOM 4, the Attr object no longer inherits from Node.

**For future code quality, you should avoid using node object properties and methods on attribute objects:**

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| --- | --- |
| **Property / Method** | **Reason for avoiding** |
| *attr*.appendChild() | Attributes don't have child nodes |
| *attr*.attributes | Attributes don't have attributes |
| *attr*.baseURI | use document.baseURI instead |
| *attr*.childNodes | Attributes don't have child nodes |
| *attr*.cloneNode() | Get or set the *attr*.value instead |
| *attr*.firstChild | Attributes don't have child nodes |
| *attr*.hasAttributes() | Attributes don't have attributes |
| *attr*.hasChildNodes | Attributes don't have child nodes |
| *attr*.insertBefore() | Attributes don't have child nodes |
| *attr*.isEqualNode() | Makes no sense |
| *attr*.isSameNode() | Makes no sense |
| *attr*.isSupported() | Is always true |
| *attr*.lastChild | Attributes don't have child nodes |
| *attr*.nextSibling | Attributes don't have siblings |
| *attr*.nodeName | Use *attr*.name instead |
| *attr*.nodeType | This is always 2 (ATTRIBUTE\_NODE) |
| *attr*.nodeValue | Use *attr*.value instead |
| *attr*.normalize() | Attributes cannot be normalized |
| *attr*.ownerDocument | This is always your HTML document |
| *attr*.ownerElement | This is the HTML element you used to access the attribute |
| *attr*.parentNode | This is the HTML element you used to access the attribute |
| *attr*.previousSibling | Attributes don't have siblings |
| *attr*.removeChild | Attributes don't have child nodes |
| *attr*.replaceChild | Attributes don't have child nodes |
| *attr*.textContent | Use *attr*.value instead |