

Methods Reference	
Returns:	Method:
void	<b>addClass</b> (str   el ref   arr el, str className) Adds a class name to a given element or collection of elements
obj/array	<b>batch</b> (str   el ref   arr el, fn method, any o, b overrideScope) Returns the element(s) that have had the supplied method applied. The method will be provided the elements one at a time ( <b>method(el, o)</b> ).
str/array	<b>generateId</b> (str   el ref   arr el, str prefix) Generates a unique ID for the specified element.
obj/array	<b>get</b> (str   el ref   arr el) Returns an HTMLElement object or array of objects.
int	<b>getViewportHeight</b> () Returns the height of the client (viewport).
int	<b>getViewportWidth</b> () Returns the width of the client (viewport).
obj	<b>getAncestorByTagName</b> (str   el ref el, str tag) Returns the first HTMLElement ancestor of the element with the given tagName.
obj	<b>getAncestorByClassName</b> (str   el ref el, str tag) Returns the first HTMLElement ancestor of the element with the given className.
array	<b>getChildren</b> (str   el ref el) Returns the HTMLElement child nodes of the element.
array	<b>getElementsBy</b> (fn method, str tag, str   el ref root) Returns a array of HTMLElements that pass the test applied by supplied boolean method. For <b>optimized performance</b> , include a <b>tag</b> and/or <b>root node</b> when possible.
array	<b>getElementsByClassName</b> (str className, str tag, str   el ref root) Returns a array of HTMLElements with the given class. For <b>optimized performance</b> , include a <b>tag</b> and/or <b>root node</b> when possible.
obj	<b>getFirstChild</b> (str   el ref el) Returns the first HTMLElement childNode of the element.
obj	<b>getLastChild</b> (str   el ref el) Returns the last HTMLElement childNode of the element.
obj	<b>getNextSibling</b> (str   el ref el) Returns the next HTMLElement sibling of the element.
obj	<b>getPreviousSibling</b> (str   el ref el) Returns the previous HTMLElement sibling of the element.
obj	<b>getRegion</b> (str   el ref   arr el) Returns the region position of the given element.
str/array	<b>getStyle</b> (str   el ref   arr el, str property) Normalizes currentStyle and ComputedStyle.
int	<b>getX</b> (str   el ref   arr el) Gets the current X position of the element(s) based on page coordinates.
array	<b>getXY</b> (str   el ref   arr el) Gets the current position of the element(s) based on page coordinates.
int	<b>getY</b> (str   el ref   arr el) Gets current Y pos of the elem(s) based on page coordinates.

Methods Reference (continued)	
Returns:	Method:
b/array	<b>hasClass</b> (str   el ref   arr el, str className) Determines whether the element(s) has the given className.
b/array	<b>inDocument</b> (str   el ref   arr el) Determines whether the element(s) is present in the current document.
obj	<b>insertAfter</b> (str   el ref newNode, str   el ref refNode) Inserts the newNode as the next HTMLElement sibling of the refNode.
obj	<b>insertBefore</b> (str   el ref newNode, str   el ref refNode) Inserts the newNode as the previous HTMLElement sibling of the refNode.
b	<b>isAncestor</b> (el ref haystack, el ref needle) Determines whether an HTMLElement is an ancestor of another HTMLElement in the DOM hierarchy.
void	<b>removeClass</b> (str   el ref   arr el, str className) Removes a class name from a given element or collection of elements.
void	<b>replaceClass</b> (str   el ref   arr el, str oldClassName, str newClassName) Replace a class with another class for a given element or collection of elements.
void	<b>setStyle</b> (str   el ref   arr el, str property, str val) Wrapper for setting style properties of HTMLElements.
void	<b>setX</b> (str   el ref   arr el, int x) Set the X position of the element(s) in page coordinates, regardless of how the element is positioned.
void	<b>setXY</b> (str   el ref   arr el, arr pos, b noRetry) Set the position of the element(s) in page coordinates, regardless of how the element is positioned.
void	<b>setY</b> (str   el ref   arr el, int y) Set the Y position of the element(s) in page coordinates, regardless of how the element is positioned.

Solutions
<p>Get all elements to which the CSS class "header" has been applied:</p> <pre>headerEls =     YAHOO.util.Dom.getElementsByClassName("header");</pre> <p>Get all elements by attribute:</p> <pre>checkTitle = function(el) {     return (el.getAttribute("title")=="Click here.");} myEls = YAHOO.util.Dom.getElementsBy(checkTitle, "a",     "yui-main");</pre> <p>Set element's opacity using setStyle:</p> <pre>YAHOO.util.Dom.setStyle(myEl, "opacity", "0.5");</pre>

Dependencies
The Dom Collection requires the YAHOO Global Object.

### Useful Dom Methods:

**appendChild()**  
**click()**  
**cloneNode()**  
**createElement()**  
**createTextNode()**  
**focus()**  
**getAttribute()**  
**getElementById()**  
**getElementsByTagName()**  
**hasAttribute()**  
**hasChildNodes()**  
**insertBefore()**  
**removeAttribute()**  
**removeChild()**  
**replaceChild()**  
**scrollIntoView()**  
**setAttribute()**  
**setInterval()**  
**setTimeout()**

### Dom Node Properties:

**attributes**  
**childNodes**  
**className**  
**disabled**  
**firstChild**  
**id**  
**innerHTML**  
**lastChild**  
**nextSibling**  
**nodeType**  
**nodeName**  
**nodeValue**  
**offsetHeight**  
**offsetWidth**  
**parentNode**  
**previousSibling**  
**tagName**

**Note:** These are not exhaustive lists.