

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

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