

Methods Reference	
Returns:	Method:
void	addClass (str el ref arr <i>el</i> , str <i>className</i>) Adds a class name to a given element or collection of elements
obj/array	batch (str el ref arr <i>el</i> , fn <i>method</i> , any <i>o</i> , b <i>overrideScope</i>) 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 <i>el</i> , str <i>prefix</i>) Generates a unique ID for the specified element.
obj/array	get (str el ref arr <i>el</i>) 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).
array	getElementsBy (fn <i>method</i> , str <i>tag</i> , str el ref <i>root</i>) 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 <i>className</i> , str <i>tag</i> , str el ref <i>root</i>) Returns a array of HTMLElements with the given class. For optimized performance , include a tag and/or root node when possible.
obj	getRegion (str el ref arr <i>el</i>) Returns the region position of the given element.
str/array	getStyle (str el ref arr <i>el</i> , str <i>property</i>) Normalizes <i>currentStyle</i> and <i>ComputedStyle</i> .
int	getX (str el ref arr <i>el</i>) Gets the current X position of the element(s) based on page coordinates.
array	getXY (str el ref arr <i>el</i>) Gets the current position of the element(s) based on page coordinates.
int	getY (str el ref arr <i>el</i>) Gets the current Y position of the element(s) based on page coordinates.
b/array	hasClass (str el ref arr <i>el</i> , str <i>className</i>) Determines whether the element(s) has the given <i>className</i> .

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

Solutions

Get all elements to which the CSS class "header" has been applied:

```
headerEls =
    YAHOO.util.Dom.getElementsByClassName("header",
    document.documentElement);
```

Batch-add the class "header" to all H1s on the page:

```
addHeader = function(el) {
    YAHOO.util.Dom.addClass(el, "header");}
YAHOO.util.Dom.batch(
    document.getElementsByTagName("h1"), addHeader;
```

Set element's opacity using setStyle:

```
YAHOO.util.Dom.setStyle(myEl, "opacity", "0.5");
```

Dependencies

The Dom Collection requires the YAHOO object.

Useful Dom Methods:

appendChild()
 click()
 cloneNode()
 contains()
 createElement()
 createTextNode()
 focus()
 getAttribute()
 getElementById()
 getElementsByTagName()
 TagName()
 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.