

Current Support for SVG

Adobe SVG Viewer

Version 2.0 (Build 53)

- Major features
- Elements and attributes
- CSS properties
- The DOM

Major Features

This table lists the status of support for SVG features that are unrelated to SVG elements, attributes, or properties.

Feature	Notes
Unicode Encodings	UTF-8, UTF-16, ISO-8859-1, and us-ascii.
Raster images	GIF, JPEG, and PNG.
Progressive rendering	
Compression	gzip and zlib compression
Embedded Web fonts	CEF fonts
Printing	Printing is done in raster mode only. PostScript printing is not yet supported.
"data" pseudo-protocol (RFC 2397)	

Elements and Attributes

This table lists the elements and attributes supported by the viewers. All attributes are supported unless noted in the table below, with the following global exceptions. General attributes which are not yet supported include xlink:type, xlink:role, xlink:arcrole, xlink:title, xlink:show, xlink:actuate, xml:lang, requiredFeatures, and systemLanguage.

The "supported" column indicates which versions of the Adobe SVG Viewer support that element, if any.

Element	Supported	Notes
<a>	1.0, 2.0	
<altGlyph>	2.0	
<altGlyphDef>	2.0	
<altGlyphItem>	Not Yet	
<animate>	1.0, 2.0	Unsupported attributes: min, max.
<animateColor>	1.0, 2.0	Unsupported attributes: min, max.
<animateMotion>	1.0, 2.0	Unsupported attributes: min, max.
<animateTransform>	1.0, 2.0	Unsupported attributes: min, max.

<circle>	1.0, 2.0	
<clipPath>	1.0, 2.0	
<color-profile>	Not Yet	
<cursor>	Not Yet	
<definition-src>	Not Yet	
<defs>	1.0, 2.0	
<desc>	1.0, 2.0	
<ellipse>	1.0, 2.0	
<feBlend>	1.0, 2.0	
<feColorMatrix>	1.0, 2.0	
<feComponentTransfer>	1.0, 2.0	
<feComposite>	1.0, 2.0	
<feConvolveMatrix>	1.0, 2.0	
<feDiffuseLighting>	1.0, 2.0	
<feDisplacementMap>	1.0, 2.0	
<feDistantLight>	1.0, 2.0	
<feFlood>	1.0, 2.0	
<feFuncA>	1.0, 2.0	
<feFuncB>	1.0, 2.0	
<feFuncG>	1.0, 2.0	
<feFuncR>	1.0, 2.0	
<feGaussianBlur>	1.0, 2.0	
<feImage>	1.0, 2.0	
<feMerge>	1.0, 2.0	
<feMergeNode>	1.0, 2.0	
<feMorphology>	1.0, 2.0	
<feOffset>	1.0, 2.0	
<fePointLight>	1.0, 2.0	
<feSpecularLighting>	1.0, 2.0	
<feSpotLight>	1.0, 2.0	
<feTile>	1.0, 2.0	
<feTurbulence>	1.0, 2.0	
<filter>	1.0, 2.0	Unsupported attribute: xlink:href.
	2.0	
<font-face>	2.0	Supported attributes: units-per-em, ascent, descent
<font-face-format>	Not Yet	
<font-face-name>	Not Yet	
<font-face-src>	Not Yet	
<font-face-uri>	Not Yet	
<foreignObject>	Not Yet	
<g>	1.0, 2.0	
<glyph>	2.0	Unsupported attriutes: glyph-name, han.

<glyphRef>	2.0	
<hkern>	2.0	
<image>	1.0, 2.0	Supports GIF, JPEG, and PNG images only (does not support links to other SVG files). Unsupported attribute: preserveAspectRatio.
<line>	1.0, 2.0	
<linearGradient>	1.0, 2.0	
<marker>	Not Yet	
<mask>	1.0, 2.0	Unsupported attribute: maskContentUnits
<metadata>	2.0	
<missing-glyph>	2.0	Supported attributes: horiz-adv-x, vert-adv-y, d
<mpath>	2.0	
<path>	1.0, 2.0	Unsupported attribute: pathLength.
<pattern>	2.0	Unsupported attribute: patternContentUnits
<polygon>	1.0, 2.0	
<polyline>	1.0, 2.0	
<radialGradient>	1.0, 2.0	
<rect>	1.0, 2.0	
<script>	1.0, 2.0	
<set>	1.0, 2.0	Unsupported attributes: min, max.
<stop>	1.0, 2.0	
<style>	1.0, 2.0	Unsupported attributes: media, title
<svg>	1.0, 2.0	Unsupported attributes: contentScriptType, contentStyleType.
<switch>	2.0	Supported attribute: requiredExtensions.
<symbol>	1.0, 2.0	
<text>	1.0, 2.0	Unsupported attributes: textLength, lengthAdjust.
<textPath>	1.0, 2.0	Unsupported attributes: textLength, lengthAdjust, method, spacing
<title>	Not Yet	
<tref>	1.0, 2.0	Unsupported attributes: textLength, lengthAdjust.
<tspan>	1.0, 2.0	Unsupported attributes: textLength, lengthAdjust.
<use>	1.0, 2.0	Only supports links to elements within the same file.
<view>	Not Yet	
<vkern>	2.0	

CSS Properties

This table lists the currently specified SVG CSS properties, and the current level of support for them in the viewers. All specified property values and formats are supported unless otherwise noted below. Note that there is currently no support for the aural rendering properties.

The "supported" column indicates which versions of the Adobe SVG Viewer support that property, if any.

Property	Supported	Notes
alignment-baseline	2.0	
baseline-shift	1.0, 2.0	
clip	1.0, 2.0	
clip-path	1.0, 2.0	
clip-rule	1.0, 2.0	
color	1.0, 2.0	
color-interpolation	2.0	
color-profile	Not Yet	
color-rendering	1.0, 2.0	
cursor	Not Yet	
direction	2.0	
display	1.0, 2.0	
dominant-baseline	1.0, 2.0	
enable-background	1.0, 2.0	
fill	1.0, 2.0	
fill-opacity	1.0, 2.0	
fill-rule	1.0, 2.0	
filter	1.0, 2.0	
flood-color	2.0	
flood-opacity	2.0	
font	1.0, 2.0	
font-family	1.0, 2.0	
font-size	1.0, 2.0	
font-size-adjust	1.0, 2.0	
font-stretch	1.0, 2.0	
font-style	1.0, 2.0	
font-variant	2.0	Supported for SVG fonts only.
font-weight	1.0, 2.0	
glyph-orientation-horizontal	2.0	
glyph-orientation-vertical	2.0	
image-rendering	1.0, 2.0	
kerning	2.0	
letter-spacing	1.0, 2.0	
lighting-color	2.0	

marker	Not Yet	
marker-end	Not Yet	
marker-mid	Not Yet	
marker-start	Not Yet	
mask	1.0, 2.0	
opacity	1.0, 2.0	
overflow	1.0, 2.0	
pointer-events	2.0	Does not include support for transparency on raster elements.
shape-rendering	1.0, 2.0	
stop-color	1.0, 2.0	
stop-opacity	1.0, 2.0	
stroke	1.0, 2.0	
stroke-dasharray	1.0, 2.0	
stroke-dashoffset	1.0, 2.0	
stroke-linecap	1.0, 2.0	
stroke-linejoin	1.0, 2.0	
stroke-miterlimit	1.0, 2.0	
stroke-opacity	1.0, 2.0	
stroke-width	1.0, 2.0	
text-anchor	1.0, 2.0	
text-decoration	1.0, 2.0	
text-rendering	1.0, 2.0	
unicode-bidi	2.0	
visibility	1.0, 2.0	
word-spacing	1.0, 2.0	
writing-mode	1.0, 2.0	Currently supports left-to-right and top-to-bottom modes only.

The DOM

This section covers the XML Core DOM Levels 1 and 2 (including the extended XML interfaces) exposed by the Adobe SVG Plug-In and Control, as well as the SVG DOM Extensions. This API allows JavaScript, Visual Basic, and C/C++ COM clients to add, query, modify, and/or replace nodes within the underlying XML tree created by the SVG parser. For a full understanding of the DOM, please consult the W3C's [Document Object Model \(DOM\) Level 1 Specification](#).

For the event handlers onkeydown, onkeyup, and onkeypress to work, you must first have the embedded frame obtain key focus, by clicking in the frame. Then you must hover the mouse over an element that has an ID (or an element who has an ancestor with an ID). Then hit a key.

If an interface is not listed here, then the Adobe SVG Viewer does not yet support that interface. Items with a green background were added in a later version of that specification (e.g. DOM Level 2), and items with a blue background are non-standard Adobe extensions.

Last Updated: 1/16/01					
DOM2 Support (as of 9/27/00 PR)					
(Views, Stylesheets, CSS, Traversal, and Range not covered yet)				Viewer Vers	
Class	Type	Name	Browser	Support*	Notes
DOMException	Const	INDEX_SIZE_ERR		1.0, 2.0	DOM spec shows t constants are not classed.
	Const	DOMSTRING_SIZE_ERR	NN-only	1.0, 2.0	(For IE, we throw a COM error w/our portion of the
	Const	HIERARCHY_REQUEST_ERR	NN-only	1.0, 2.0	error in the range 6 615)
	Const	WRONG_DOCUMENT_ERR	NN-only	1.0, 2.0	
	Const	INVALID_CHARACTER_ERR	NN-only	1.0, 2.0	
	Const	NO_DATA_ALLOWED_ERR	NN-only	1.0, 2.0	
	Const	NO_MODIFICATION_ALLOWED_ERR	NN-only	1.0, 2.0	
	Const	NOT_FOUND_ERR	NN-only	1.0, 2.0	
	Const	NOT_SUPPORTED_ERR	NN-only	1.0, 2.0	
	Const	INUSE_ATTRIBUTE_ERR	NN-only	1.0, 2.0	
	Const	INVALID_STATE_ERR	NN-only	1.0, 2.0	
	Const	SYNTAX_ERR	NN-only	1.0, 2.0	
	Const	INVALID_MODIFICATION_ERR	NN-only	1.0, 2.0	
	Const	NAMESPACE_ERR	NN-only	1.0, 2.0	
	Const	INVALID_ACCESS_ERR	NN-only	1.0, 2.0	
	Property	code	IE-only	1.0, 2.0	
	Method	getCode()		1.0, 2.0	
	Method	setCode()		Not Yet	Serves no purpose.
DomImplementation	Method	hasFeature()		1.0, 2.0	
	Method	createDocumentType()		Not Yet	Will throw an 'unimplemented' exception
	Method	createDocument()		Not Yet	Will throw an 'unimplemented' exception
DocumentFragment		N/A		1.0, 2.0	
Document	Read only Property	doctype	IE-only	1.0, 2.0	
	Method	getDoctype()		1.0, 2.0	
	Read only Property	implementation	IE-only	1.0, 2.0	
	Method	getImplementation()		1.0, 2.0	
	Read only Property	documentElement	IE-only	1.0, 2.0	
	Method	getDocumentElement()		1.0, 2.0	

	Method	createElement()		1.0, 2.0	
	Method	createDocumentFragment()		1.0, 2.0	
	Method	createTextNode()		1.0, 2.0	
	Method	createComment()		1.0, 2.0	
	Method	createCDATASection()		1.0, 2.0	
	Method	createProcessingInstruction()		1.0, 2.0	
	Method	createAttribute()		1.0, 2.0	
	Method	createEntityReference()		1.0, 2.0	
	Method	getElementsByTagName()		1.0, 2.0	
	Method	importNode()		Not Yet	Will throw an 'unimplemented' exception
	Method	createElementNS()		1.0, 2.0	
	Method	createAttributeNS()		1.0, 2.0	
	Method	getElementsByTagNameNS()		Not Yet	Will throw an 'unimplemented' exception
	Method	getElementById()		1.0, 2.0	
	Method	garbageCollect()	NN-only	2.0	Only NN benefits. after removing tree nodes.
Node	Const	ELEMENT_NODE		1.0, 2.0	
	Const	ATTRIBUTE_NODE		1.0, 2.0	
	Const	TEXT_NODE		1.0, 2.0	
	Const	CDATA_SECTION_NODE		1.0, 2.0	
	Const	ENTITY_REFERENCE_NODE		1.0, 2.0	
	Const	ENTITY_NODE		1.0, 2.0	
	Const	PROCESSING_INSTRUCTION_NODE		1.0, 2.0	
	Const	COMMENT_NODE		1.0, 2.0	
	Const	DOCUMENT_NODE		1.0, 2.0	
	Const	DOCUMENT_TYPE_NODE		1.0, 2.0	
	Const	DOCUMENT_FRAGMENT_NODE		1.0, 2.0	
	Const	NOTATION_NODE		1.0, 2.0	
	Read only Property	nodeName	IE-only	1.0, 2.0	
	Method	getNodeName()		1.0, 2.0	
	Property	nodeValue	IE-only	1.0, 2.0	
	Method	getNodeValue()		1.0, 2.0	
	Method	setNodeValue()		1.0, 2.0	
	Read only Property	nodeType	IE-only	1.0, 2.0	
	Method	getNodeType()		1.0, 2.0	
	Read only Property	parentNode	IE-only	1.0, 2.0	
	Method	getParentNode()		1.0, 2.0	
	Read only Property	childNodes	IE-only	1.0, 2.0	

	Method	getChildNodes()		1.0, 2.0	
	Read only Property	firstChild	IE-only	1.0, 2.0	
	Method	getFirstChild()		1.0, 2.0	
	Read only Property	lastChild	IE-only	1.0, 2.0	
	Method	getLastChild()		1.0, 2.0	
	Read only Property	previousSibling	IE-only	1.0, 2.0	
	Method	getPreviousSibling()		1.0, 2.0	
	Read only Property	nextSibling	IE-only	1.0, 2.0	
	Method	getNextSibling()		1.0, 2.0	
	Read only Property	attributes	IE-only	1.0, 2.0	
	Method	getAttributes()		1.0, 2.0	
	Read only Property	ownerDocument	IE-only	1.0, 2.0	
	Method	getOwnerDocument()		1.0, 2.0	
	Method	insertBefore()		1.0, 2.0	
	Method	replaceChild()		1.0, 2.0	
	Method	removeChild()		1.0, 2.0	
	Method	appendChild()		1.0, 2.0	
	Method	hasChildNodes()		1.0, 2.0	
	Method	cloneNode()		1.0, 2.0	
	Method	normalize()		1.0, 2.0	
	Method	supports()		1.0, 2.0	Removed in final DOM2 spec. Use isSupported().
	Method	isSupported()		2.0	replaces supports()
	Read only Property	namespaceURI	IE-only	1.0, 2.0	
	Method	getNamespaceURI()		1.0, 2.0	
	Property	prefix	IE-only	1.0, 2.0	Prefix may be wrong for Attrs if multiple prefixes
	Method	getPrefix()		1.0, 2.0	point to same URI.
	Method	setPrefix()		Not Yet	Will throw an 'unimplemented' exception
	Read only Property	localName	IE-only	1.0, 2.0	
	Method	getLocalName()		1.0, 2.0	
	Method	hasAttributes()		2.0	
NodeList	Method	item()		1.0, 2.0	

	Read only Property	length	IE-only	1.0, 2.0	
	Method	getLength()		1.0, 2.0	
NamedNodeMap	Method	getNamedItem()		1.0, 2.0	
	Method	setNamedItem()		1.0, 2.0	
	Method	removeNamedItem()		1.0, 2.0	
	Method	item()		1.0, 2.0	
	Read only Property	length	IE-only	1.0, 2.0	
	Method	getLength()		1.0, 2.0	
	Method	getNamedItemNS()		1.0, 2.0	
	Method	setNamedItemNS()		1.0, 2.0	
	Method	removeNamedItemNS()		1.0, 2.0	
CharacterData	Property	data	IE-only	1.0, 2.0	
	Method	getData()		1.0, 2.0	
	Method	setData()		1.0, 2.0	
	Read only Property	length	IE-only	1.0, 2.0	
	Method	getLength()		1.0, 2.0	
	Method	substringData()		1.0, 2.0	
	Method	appendData()		1.0, 2.0	
	Method	insertData()		1.0, 2.0	
	Method	deleteData()		1.0, 2.0	
	Method	replaceData()		1.0, 2.0	
Attr	Read only Property	name	IE-only	1.0, 2.0	
	Method	getName()		1.0, 2.0	
	Read only Property	specified	IE-only	1.0, 2.0	
	Method	getSpecified()		1.0, 2.0	
	Property	value	IE-only	1.0, 2.0	
	Method	getValue()		1.0, 2.0	
	Method	setValue()		1.0, 2.0	
	Read only Property	ownerElement	IE-only	1.0, 2.0	
	Method	getOwnerElement()		1.0, 2.0	
Element	Read only Property	tagName	IE-only	1.0, 2.0	
	Method	getTagName()		1.0, 2.0	
	Method	getAttribute()		1.0, 2.0	
	Method	setAttribute()		1.0, 2.0	
	Method	removeAttribute()		1.0, 2.0	
	Method	getAttributeNode()		1.0, 2.0	
	Method	setAttributeNode()		1.0, 2.0	

	Method	removeAttributeNode()		1.0, 2.0	
	Method	getElementsByTagName()		1.0, 2.0	
	- Method	normalize()		-	Deprecated in DOM
	- Method	getAttributeNS()		1.0, 2.0	
	- Method	setAttributeNS()		1.0, 2.0	
	- Method	removeAttributeNS()		1.0, 2.0	
	- Method	getAttributeNodeNS()		1.0, 2.0	
	- Method	setAttributeNodeNS()		1.0, 2.0	
	- Method	getElementsByTagNameNS()		Not Yet	Will throw an 'unimplemented' exception
	- Method	hasAttribute()		2.0	
	- Method	hasAttributeNS()		2.0	
Text	Method	splitText()		1.0, 2.0	
Comment		N/A		1.0, 2.0	
CDATASection		N/A		1.0, 2.0	
DocumentType	Read only Property	name	IE-only	1.0, 2.0	Set to "svg" always
	Method	getName()		1.0, 2.0	Set to "svg" always
	Read only Property	entities	IE-only	1.0, 2.0	
	Method	getEntities()		1.0, 2.0	
	Read only Property	notations	IE-only	1.0, 2.0	contains 0 notation since no support of entities.
	Method	getNotations()		1.0, 2.0	contains 0 notation since no support of entities.
	Read only Property	publicID	IE-only	1.0, 2.0	
	Method	getPublicID()		1.0, 2.0	
	Read only Property	systemID()	IE-only	1.0, 2.0	
	Method	getSystemID()		1.0, 2.0	
	Read only Property	internalSubset		Not Yet	Will throw an 'unimplemented' exception
	Method	getInternalSubset()		Not Yet	Will throw an 'unimplemented' exception
Notation	Read only Property	publicId		Not Yet	No reason to parse notations.
	Method	getPublicId()		Not Yet	No reason to parse notations.
	Read only Property	systemId		Not Yet	No reason to parse notations.
	Method	getSystemId()		Not Yet	No reason to parse notations.

Entity	Read only Property	publicId	IE-only	1.0, 2.0	No external entity support, so always returns ""
	Method	getPublicId()		1.0, 2.0	No external entity support, so always returns ""
	Read only Property	systemId	IE-only	1.0, 2.0	No external entity support, so always returns ""
	Method	getSystemId()		1.0, 2.0	No external entity support, so always returns ""
	Read only Property	notationName	IE-only	1.0, 2.0	No external entity support, so always returns ""
	Method	getNotationName()		1.0, 2.0	No external entity support, so always returns ""
ProcessingInstruction	Read only Property	target	IE-only	1.0, 2.0	
	Method	getTarget()		1.0, 2.0	
	Property	data		1.0, 2.0	
	Method	getData()		1.0, 2.0	
	Method	setData()		1.0, 2.0	
CSSStyleDeclaration	Property	cssText	IE-only	2.0	
	Method	getCssText()		2.0	
	Method	setCssText()		2.0	
	Method	getPropertyValue()		2.0	
	Method	getPropertyCSSValue()		2.0	
	Method	removeProperty()		2.0	
	Method	getPropertyPriority()		2.0	
	Method	setProperty()		1.0, 2.0	
	Read only Property	length	IE-only	2.0	
	Method	getLength()		2.0	
	Method	item()		2.0	
	Read only Property	parentRule		Not Yet	
	Method	getParentRule()		Not Yet	
EventTarget	Method	addEventListener()		1.0, 2.0	
	Method	removeEventListener()		1.0, 2.0	
	Method	dispatchEvent()		Not Yet	
EventListener	Method	handleEvent()		1.0, 2.0	
Event	Const	BUBBLING_PHASE		1.0, 2.0	
	Const	CAPTURING_PHASE		1.0, 2.0	
	Const	AT_TARGET		1.0, 2.0	
	Read only Property	type	IE-only	1.0, 2.0	

	Method	getType()		1.0, 2.0	
	Read only Property	target	IE-only	1.0, 2.0	
	Method	getTarget()		1.0, 2.0	
	Read only Property	currentNode	IE-only	1.0, 2.0	[DEPRECATED. Use currentTarget.]
	Method	getCurrentNode()		1.0, 2.0	[DEPRECATED. Use getCurrentTarget()]
	Read only Property	currentTarget	IE-only	2.0	
	Method	getCurrentTarget()		2.0	
	Read only Property	eventPhase	IE-only	1.0, 2.0	
	Method	getEventPhase()		1.0, 2.0	
	Read only Property	bubbles	IE-only	1.0, 2.0	
	Method	getBubbles()		1.0, 2.0	
	Read only Property	cancelable	IE-only	1.0, 2.0	
	Method	getCancelable()		1.0, 2.0	
	Read only Property	timeStamp		Not Yet	Returns lowest possible date in IE
	Method	getTimeStamp()		Not Yet	Returns 0 in NN, a lowest possible date in IE
	Method	stopPropagation()		1.0, 2.0	
	Method	preventDefault()		1.0, 2.0	
	Method	initEvent()		Not Yet	Will throw an 'unimplemented' exception
EventException	Const	UNSPECIFIED_EVENT_TYPE_ERR		Not Yet	
	Property	code		Not Yet	
	Method	getCode()		Not Yet	
	Method	setCode()		Not Yet	
DocumentEvent	Method	createEvent()		Not Yet	
UIEvent	Read only Property	view		Not Yet	Will throw an 'unimplemented' exception
	Method	getView()		Not Yet	Will throw an 'unimplemented' exception
	Read only Property	detail	IE-only	1.0, 2.0	
	Method	getDetail()		1.0, 2.0	
	Method	initUIEvent()		Not Yet	Will throw an 'unimplemented' exception

MouseEvent	Read only Property	screenX	IE-only	1.0, 2.0	
	Method	getScreenX()		1.0, 2.0	
	Read only Property	screenY	IE-only	1.0, 2.0	
	Method	getScreenY()		1.0, 2.0	
	Read only Property	clientX	IE-only	1.0, 2.0	
	Method	getClientX()		1.0, 2.0	
	Read only Property	clientY	IE-only	1.0, 2.0	
	Method	getClientY()		1.0, 2.0	
	Read only Property	ctrlKey	IE-only	1.0, 2.0	
	Method	getCtrlKey()		1.0, 2.0	
	Read only Property	shiftKey	IE-only	1.0, 2.0	
	Method	getShiftKey()		1.0, 2.0	
	Read only Property	altKey	IE-only	1.0, 2.0	
	Method	getAltKey()		1.0, 2.0	
	Read only Property	metaKey	IE-only	1.0, 2.0	
	Method	getMetaKey()		1.0, 2.0	
	Read only Property	button	IE-only	1.0, 2.0	
	Method	getButton()		1.0, 2.0	
	Read only Property	relatedTarget()	IE-only	2.0	
	Method	getRelatedTarget()		2.0	
	Method	initMouseEvent()		Not Yet	Will throw an 'unimplemented' exception
KeyEvent (see 9/23/99 DOM2 spec)	Const	DOM_CHAR_UNDEFINED		Not Yet	Equivalent Win Name / Mac Valu
	Const	DOM_VK_0		Not Yet	VK_0 / 0x1D
	Const	DOM_VK_1		Not Yet	VK_1 / 0x12
	Const	DOM_VK_2		Not Yet	VK_2 / 0x13
	Const	DOM_VK_3		Not Yet	VK_3 / 0x14
	Const	DOM_VK_4		Not Yet	VK_4 / 0x15
	Const	DOM_VK_5		Not Yet	VK_5 / 0x17
	Const	DOM_VK_6		Not Yet	VK_6 / 0x16
	Const	DOM_VK_7		Not Yet	VK_7 / 0x1A

	Const	DOM_VK_8		Not Yet	VK_8 / 0x1C
	Const	DOM_VK_9		Not Yet	VK_9 / 0x19
	Const	DOM_VK_A		Not Yet	VK_A / 0x00
	Const	DOM_VK_ACCEPT		Not Yet	VK_ACCEPT /
	Const	DOM_VK_ADD		Not Yet	VK_ADD / 0x45
	Const	DOM_VK_AGAIN		Not Yet	
	Const	DOM_VK_ALL_CANDIDATES		Not Yet	
	Const	DOM_VK_ALPHANUMERIC		Not Yet	
	Const	DOM_VK_ALT		Not Yet	VK_MENU / 0x3F
	Const	DOM_VK_ALT_GRAPH		Not Yet	
	Const	DOM_VK_AMPERSAND		Not Yet	
	Const	DOM_VK_ASTERISK		Not Yet	
	Const	DOM_VK_AT		Not Yet	
	Const	DOM_VK_B		Not Yet	VK_B / 0x0B
	Const	DOM_VK_BACK_QUOTE		Not Yet	/ 0x32
	Const	DOM_VK_BACK_SLASH		Not Yet	/ 0x2A
	Const	DOM_VK_BACK_SPACE		Not Yet	VK_BACK / 0x33
	Const	DOM_VK_BRACELEFT		Not Yet	
	Const	DOM_VK_BRACERIGHT		Not Yet	
	Const	DOM_VK_C		Not Yet	VK_C / 0x08
	Const	DOM_VK_CANCEL		Not Yet	VK_CANCEL /
	Const	DOM_VK_CAPS_LOCK		Not Yet	VK_CAPITAL / 0
	Const	DOM_VK_CIRCUMFLEX		Not Yet	
	Const	DOM_VK_CLEAR		Not Yet	VK_CLEAR / 0x4
	Const	DOM_VK_CLOSE_BRACKET		Not Yet	/ 0x1E
	Const	DOM_VK_CODE_INPUT		Not Yet	
	Const	DOM_VK_COLON		Not Yet	
	Const	DOM_VK_COMMA		Not Yet	/ 0x2B
	Const	DOM_VK_COMPOSE		Not Yet	
	Const	DOM_VK_CONTROL		Not Yet	VK_CONTROL / 0x37
	Const	DOM_VK_CONVERT		Not Yet	VK_CONVERT /
	Const	DOM_VK_COPY		Not Yet	
	Const	DOM_VK_CUT		Not Yet	
	Const	DOM_VK_D		Not Yet	VK_D / 0x02
	Const	DOM_VK_DEAD_ABOVEDOT		Not Yet	
	Const	DOM_VK_DEAD_ABOVEERING		Not Yet	
	Const	DOM_VK_DEAD_ACUTE		Not Yet	
	Const	DOM_VK_DEAD_BREVE		Not Yet	
	Const	DOM_VK_DEAD_CARON		Not Yet	
	Const	DOM_VK_DEAD_CEDILLA		Not Yet	
	Const	DOM_VK_DEAD_CIRCUMFLEX		Not Yet	
	Const	DOM_VK_DEAD_DIAERESIS		Not Yet	
	Const	DOM_VK_DEAD_DOUBLEACUTE		Not Yet	
	Const	DOM_VK_DEAD_GRAVE		Not Yet	
	Const	DOM_VK_DEAD_IOTA		Not Yet	
	Const	DOM_VK_DEAD_MACRON		Not Yet	

	Const	DOM_VK_DEAD_OGONEK		Not Yet	
	Const	DOM_VK_DEAD_SEMIVOICED_SOUND		Not Yet	
	Const	DOM_VK_DEAD_TILDE		Not Yet	
	Const	DOM_VK_DEAD_VOICED_SOUND		Not Yet	
	Const	DOM_VK_DECIMAL		Not Yet	VK_DECIMAL / 0
	Const	DOM_VK_DELETE		Not Yet	VK_DELETE / 0x
	Const	DOM_VK_DIVIDE		Not Yet	VK_DIVIDE / 0x4
	Const	DOM_VK_DOLLAR		Not Yet	
	Const	DOM_VK_DOWN		Not Yet	VK_DOWN / 0x7
	Const	DOM_VK_E		Not Yet	VK_E / 0x0E
	Const	DOM_VK_END		Not Yet	VK_END / 0x77
	Const	DOM_VK_ENTER		Not Yet	VK_RETURN / 0;
	Const	DOM_VK_EQUALS		Not Yet	/ 0x18
	Const	DOM_VK_ESCAPE		Not Yet	VK_ESCAPE / 0;
	Const	DOM_VK_EURO_SIGN		Not Yet	
	Const	DOM_VK_EXCLAMATION_MARK		Not Yet	
	Const	DOM_VK_F		Not Yet	VK_F / 0x03
	Const	DOM_VK_F1		Not Yet	VK_F1 / 0x7A
	Const	DOM_VK_F10		Not Yet	VK_F10 / 0x6D
	Const	DOM_VK_F11		Not Yet	VK_F11 / 0x67
	Const	DOM_VK_F12		Not Yet	VK_F12 / 0x6F
	Const	DOM_VK_F13		Not Yet	VK_F13 / 0x69
	Const	DOM_VK_F14		Not Yet	VK_F14 / 0x6B
	Const	DOM_VK_F15		Not Yet	VK_F15 / 0x71
	Const	DOM_VK_F16		Not Yet	VK_F16 /
	Const	DOM_VK_F17		Not Yet	VK_F17 /
	Const	DOM_VK_F18		Not Yet	VK_F18 /
	Const	DOM_VK_F19		Not Yet	VK_F19 /
	Const	DOM_VK_F2		Not Yet	VK_F2 / 0x78
	Const	DOM_VK_F20		Not Yet	VK_F20 /
	Const	DOM_VK_F21		Not Yet	VK_F21 /
	Const	DOM_VK_F22		Not Yet	VK_F22 /
	Const	DOM_VK_F23		Not Yet	VK_F23 /
	Const	DOM_VK_F24		Not Yet	VK_F24 /
	Const	DOM_VK_F3		Not Yet	VK_F3 / 0x63
	Const	DOM_VK_F4		Not Yet	VK_F4 / 0x76
	Const	DOM_VK_F5		Not Yet	VK_F5 / 0x60
	Const	DOM_VK_F6		Not Yet	VK_F6 / 0x61
	Const	DOM_VK_F7		Not Yet	VK_F7 / 0x62
	Const	DOM_VK_F8		Not Yet	VK_F8 / 0x64
	Const	DOM_VK_F9		Not Yet	VK_F9 / 0x65
	Const	DOM_VK_FINAL		Not Yet	VK_FINAL /
	Const	DOM_VK_FIND		Not Yet	
	Const	DOM_VK_FULL_WIDTH		Not Yet	
	Const	DOM_VK_G		Not Yet	VK_G / 0x05
	Const	DOM_VK_GREATER		Not Yet	

	Const	DOM_VK_H		Not Yet	VK_H / 0x04
	Const	DOM_VK_HALF_WIDTH		Not Yet	
	Const	DOM_VK_HELP		Not Yet	VK_HELP / 0x72
	Const	DOM_VK_HIRAGANA		Not Yet	
	Const	DOM_VK_HOME		Not Yet	VK_HOME / 0x73
	Const	DOM_VK_I		Not Yet	VK_I / 0x22
	Const	DOM_VK_INSERT		Not Yet	VK_INSERT /
	Const	DOM_VK_INVERTED_EXCLAMATION_MARK		Not Yet	
	Const	DOM_VK_J		Not Yet	VK_J / 0x26
	Const	DOM_VK_JAPANESE_HIRAGANA		Not Yet	
	Const	DOM_VK_JAPANESE_KATAKANA		Not Yet	
	Const	DOM_VK_JAPANESE_ROMAN		Not Yet	
	Const	DOM_VK_K		Not Yet	VK_K / 0x28
	Const	DOM_VK_KANA		Not Yet	VK_KANA /
	Const	DOM_VK_KANJI		Not Yet	VK_KANJI /
	Const	DOM_VK_KATAKANA		Not Yet	
	Const	DOM_VK_KP_DOWN		Not Yet	
	Const	DOM_VK_KP_LEFT		Not Yet	
	Const	DOM_VK_KP_RIGHT		Not Yet	
	Const	DOM_VK_KP_UP		Not Yet	
	Const	DOM_VK_L		Not Yet	VK_L / 0x25
	Const	DOM_VK_LEFT		Not Yet	VK_LEFT / 0x7B
	Const	DOM_VK_LEFT_PARENTHESIS		Not Yet	
	Const	DOM_VK_LESS		Not Yet	
	Const	DOM_VK_M		Not Yet	VK_M / 0x2E
	Const	DOM_VK_META		Not Yet	/ 0x3B
	Const	DOM_VK_MINUS		Not Yet	/ 0x1B
	Const	DOM_VK_MODECHANGE		Not Yet	VK_MODECHAN
	Const	DOM_VK_MULTIPLY		Not Yet	VK_MULTIPLY / 0x43
	Const	DOM_VK_N		Not Yet	VK_N / 0x2D
	Const	DOM_VK_NONCONVERT		Not Yet	VK_NONCONVE
	Const	DOM_VK_NUM_LOCK		Not Yet	VK_NUMLOCK /
	Const	DOM_VK_NUMBER_SIGN		Not Yet	
	Const	DOM_VK_NUMPAD0		Not Yet	VK_NUMPAD0 / 0x52
	Const	DOM_VK_NUMPAD1		Not Yet	VK_NUMPAD1 / 0x53
	Const	DOM_VK_NUMPAD2		Not Yet	VK_NUMPAD2 / 0x54
	Const	DOM_VK_NUMPAD3		Not Yet	VK_NUMPAD3 / 0x55
	Const	DOM_VK_NUMPAD4		Not Yet	VK_NUMPAD4 / 0x56
	Const	DOM_VK_NUMPAD5		Not Yet	VK_NUMPAD5 / 0x57
	Const	DOM_VK_NUMPAD6		Not Yet	VK_NUMPAD6 / 0x58

	Const	DOM_VK_NUMPAD7		Not Yet	VK_NUMPAD7 / 0x59
	Const	DOM_VK_NUMPAD8		Not Yet	VK_NUMPAD8 / 0x5B
	Const	DOM_VK_NUMPAD9		Not Yet	VK_NUMPAD9 / 0x5C
	Const	DOM_VK_O		Not Yet	VK_O / 0x1F
	Const	DOM_VK_OPEN_BRACKET		Not Yet	/ 0x21
	Const	DOM_VK_P		Not Yet	VK_P / 0x23
	Const	DOM_VK_PAGE_DOWN		Not Yet	VK_NEXT / 0x79
	Const	DOM_VK_PAGE_UP		Not Yet	VK_PRIOR / 0x77
	Const	DOM_VK_PASTE		Not Yet	
	Const	DOM_VK_PAUSE		Not Yet	VK_PAUSE /
	Const	DOM_VK_PERIOD		Not Yet	/ 0x2F
	Const	DOM_VK_PLUS		Not Yet	
	Const	DOM_VK_PREVIOUS_CANDIDATE		Not Yet	
	Const	DOM_VK_PRINTSCREEN		Not Yet	VK_SNAPSHOT
	Const	DOM_VK_PROPS		Not Yet	
	Const	DOM_VK_Q		Not Yet	VK_Q / 0x0C
	Const	DOM_VK_QUOTE		Not Yet	/ 0x27
	Const	DOM_VK_QUOTEDBL		Not Yet	
	Const	DOM_VK_R		Not Yet	VK_R / 0x0F
	Const	DOM_VK_RIGHT		Not Yet	VK_RIGHT / 0x7D
	Const	DOM_VK_RIGHT_PARENTHESIS		Not Yet	
	Const	DOM_VK_ROMAN_CHARACTERS		Not Yet	
	Const	DOM_VK_S		Not Yet	VK_S / 0x01
	Const	DOM_VK_SCROLL_LOCK		Not Yet	VK_SCROLL /
	Const	DOM_VK_SEMICOLON		Not Yet	/ 0x29
	Const	DOM_VK_SEPARATER		Not Yet	VK_SEPARATOR
	Const	DOM_VK_SHIFT		Not Yet	VK_SHIFT / 0x3E
	Const	DOM_VK_SLASH		Not Yet	/ 0x2C
	Const	DOM_VK_SPACE		Not Yet	VK_SPACE / 0x32
	Const	DOM_VK_STOP		Not Yet	
	Const	DOM_VK_SUBTRACT		Not Yet	VK_SUBTRACT / 0x4E
	Const	DOM_VK_T		Not Yet	VK_T / 0x11
	Const	DOM_VK_TAB		Not Yet	VK_TAB / 0x30
	Const	DOM_VK_U		Not Yet	VK_U / 0x20
	Const	DOM_VK_UNDEFINED		Not Yet	
	Const	DOM_VK_UNDERSCORE		Not Yet	
	Const	DOM_VK_UNDO		Not Yet	
	Const	DOM_VK_UP		Not Yet	VK_UP / 0x7E
	Const	DOM_VK_V		Not Yet	VK_V / 0x09
	Const	DOM_VK_W		Not Yet	VK_W / 0x0D
	Const	DOM_VK_X		Not Yet	VK_X / 0x07
	Const	DOM_VK_Y		Not Yet	VK_Y / 0x10
	Const	DOM_VK_Z		Not Yet	VK_Z / 0x06

	Read only Property	screenX	IE-only	1.0, 2.0	
	Method	getScreenX()		1.0, 2.0	
	Read only Property	screenY	IE-only	1.0, 2.0	
	Method	getScreenY()		1.0, 2.0	
	Read only Property	clientX	IE-only	1.0, 2.0	
	Method	getClientX()		1.0, 2.0	
	Read only Property	clientY	IE-only	1.0, 2.0	
	Method	getClientY()		1.0, 2.0	
	Read only Property	ctrlKey	IE-only	1.0, 2.0	
	Method	getCtrlKey()		1.0, 2.0	
	Read only Property	shiftKey	IE-only	1.0, 2.0	
	Method	getShiftKey()		1.0, 2.0	
	Read only Property	altKey	IE-only	1.0, 2.0	
	Method	getAltKey()		1.0, 2.0	
	Read only Property	metaKey	IE-only	1.0, 2.0	
	Method	getMetaKey()		1.0, 2.0	
	Read only Property	keyCode		1.0, 2.0	for keydown and k only
	Method	getKeyCode()		1.0, 2.0	for keydown and k only
	Read only Property	charCode		1.0, 2.0	We only support Unicode for non-2-languages
	Method	getCharCode()		1.0, 2.0	We only support Unicode for non-2-languages
	Method	initKeyEvent()		Not Yet	Will throw an 'unimplemented' exception
MutationEvent	Const	MODIFICATION		Not Yet	
	Const	ADDITION		Not Yet	
	Const	REMOVAL		Not Yet	
	Read only Property	relatedNode		Not Yet	
	Method	getRelatedNode()		Not Yet	

	Read only Property	prevValue		Not Yet	
	Method	getPrevValue()		Not Yet	
	Read only Property	newValue		Not Yet	
	Method	getNewValue()		Not Yet	
	Read only Property	attrName		Not Yet	
	Method	getAttrName()		Not Yet	
	Read only Property	attrChange		Not Yet	
	Method	getAttrChange()		Not Yet	
	Method	initMutationEvent()		Not Yet	
	SVG DOM Support (as specified in SVG spec 11/2/00)				
				Viewer Vers	
Class	Type	Name	Browser	Supported*	Notes
(SVG Event types)		SVGResize		Not Yet	
		SVGScroll (triggered by either scroll or pan)		Not Yet	
		focusin		Not Yet	
		focusout		Not Yet	
		activate		Not Yet	
		click		1.0, 2.0	
		mousedown		1.0, 2.0	
		mouseup		1.0, 2.0	
		mouseover		1.0, 2.0	
		mousemove		1.0, 2.0	
		mouseout		1.0, 2.0	
		keypress		1.0, 2.0	as per 9/23/99 DOI draft
		keydown		1.0, 2.0	as per 9/23/99 DOI draft
		keyup		1.0, 2.0	as per 9/23/99 DOI draft
		SVGLoad		1.0, 2.0	
		SVGUnload	IE-only	1.0, 2.0	Can't support NN c to Netscape browse bug
		SVGAbort		Not Yet	
		SVGError		Not Yet	
		DOMSubtreeModified		Not Yet	
		DOMNodeInserted		Not Yet	
		DOMNodeRemoved		Not Yet	
		DOMNodeRemovedFromDocument		Not Yet	
		DOMNodeInsertedIntoDocument		Not Yet	
		DOMAttrModified		Not Yet	

		DOMCharacterDataModified		Not Yet	
		SVGZoom		1.0, 2.0	no context info provided.
		beginEvent		Not Yet	
		endEvent		Not Yet	
		repeatEvent		Not Yet	
SVGDocument	Property	title	IE-only	1.0, 2.0	
	Method	getTitle()		1.0, 2.0	
	Method	setTitle()		1.0, 2.0	
	Read only Property	referrer		1.0, 2.0	
	Method	getReferrer()	IE-only	1.0, 2.0	Can't support in NT due to Netscape browser limit
	Read only Property	domain	IE-only	1.0, 2.0	
	Method	getDomain()		1.0, 2.0	
	Read only Property	URL	IE-only	1.0, 2.0	
	Method	getURL()		1.0, 2.0	
	Read only Property	rootElement	IE-only	2.0	
	Method	getRootElement()		2.0	
SVGElement	Property	id	IE-only	2.0	
	Method	getId()		2.0	
	Method	setId()		2.0	
	Read only Property	ownerSVGElement		Not Yet	
	Method	getOwnerSVGElement()		Not Yet	
	Read only Property	viewportElement	IE-only	2.0	
	Method	getViewportElement()		2.0	
SVGRect	Property	x	IE-only	2.0	
	Method	getX()		2.0	
	Method	setX()		2.0	
	Property	y	IE-only	2.0	
	Method	getY()		2.0	
	Method	setY()		2.0	
	Property	width	IE-only	2.0	
	Method	getWidth()		2.0	
	Method	setWidth()		2.0	
	Property	height	IE-only	2.0	
	Method	getHeight()		2.0	
	Method	setHeight()		2.0	
SVGPoint	Property	x	IE-only	2.0	

	Method	getX()		2.0	
	Method	setX()		2.0	
	Property	y	IE-only	2.0	
	Method	getY()		2.0	
	Method	setY()		2.0	
	Method	matrixTransform()		Not Yet	
SVGSVGElement	Read only Property	x		Not Yet	
	Method	getX()		Not Yet	
	Read only Property	y		Not Yet	
	Method	getY()		Not Yet	
	Read only Property	width		Not Yet	
	Method	getWidth()		Not Yet	
	Read only Property	height		Not Yet	
	Method	getHeight()		Not Yet	
	Property	contentScriptType		Not Yet	
	Method	getContentScriptType()		Not Yet	
	Method	setContentScriptType()		Not Yet	
	Property	contentStyleType		Not Yet	
	Method	getContentStyleType()		Not Yet	
	Method	setContentStyleType()		Not Yet	
	Read only Property	viewport		Not Yet	
	Method	getViewport()		Not Yet	
	Read only Property	pixelUnitToMillimeterX		Not Yet	
	Method	getPixelUnitToMillimeterX()		Not Yet	
	Read only Property	pixelUnitToMillimeterY		Not Yet	
	Method	getPixelUnitToMillimeterY()		Not Yet	
	Read only Property	screenPixelToMillimeterX		Not Yet	
	Method	getScreenPixelToMillimeterX()		Not Yet	
	Read only Property	screenPixelToMillimeterY		Not Yet	
	Method	getScreenPixelToMillimeterY()		Not Yet	
	Property	useCurrentView		Not Yet	
	Method	getUseCurentView()		Not Yet	
	Method	setUseCurrentView()		Not Yet	
	Property	currentView		Not Yet	

	Method	getCurrentView()		Not Yet	
	Property	currentScale	IE-only	2.0	
	Method	getCurrentScale()		2.0	
	Method	setCurrentScale()		2.0	
	Property	currentTranslate	IE-only	2.0	
	Method	getCurrentTranslate()		2.0	
	Method	suspendRedraw()		Not Yet	
	Method	unsuspendRedraw()		Not Yet	
	Method	unsuspendRedrawAll()		Not Yet	
	Method	forceRedraw()		Not Yet	
	Method	pauseAnimations()		Not Yet	
	Method	unpauseAnimations()		Not Yet	
	Method	animationsPaused()		Not Yet	
	Method	getCurrentTime()		Not Yet	
	Method	setCurrentTime()		Not Yet	
	Method	getIntersectionList()		Not Yet	
	Method	getEnclosureList()		Not Yet	
	Method	checkIntersection()		Not Yet	
	Method	checkEnclosure()		Not Yet	
	Method	deSelectAll()		Not Yet	
	Method	createSVGNumber()		Not Yet	
	Method	createSVGLength()		Not Yet	
	Method	createSVGAngle()		Not Yet	
	Method	createSVGPoint()		Not Yet	
	Method	createSVGMatrix()		Not Yet	
	Method	createSVGRect()		Not Yet	
	Method	createSVGTransform()		Not Yet	
	Method	createSVGTransformFromMatrix()		Not Yet	
	Method	createSVGString()		Not Yet	
	Method	getElementById()		Not Yet	
SVGTextContentElement	Const	LENGTHADJUST_UNKNOWN		Not Yet	
	Const	LENGTHADJUST_SPACING		Not Yet	
	Const	LENGTHADJUST_SPACINGANDGLYPHS		Not Yet	
	Read only Property	textLength		Not Yet	
	Method	getTextLength()		Not Yet	
	Read only Property	lengthAdjust		Not Yet	
	Method	getLengthAdjust()		Not Yet	
	Method	getNumberOfChars()		2.0	
	Method	getComputedTextLength()		2.0	
	Method	getSubStringLength()		2.0	
	Method	getStartPositionOfChar()		2.0	
	Method	getEndPositionOfChar()		2.0	
	Method	getExtentOfChar()		2.0	
	Method	getRotationOfChar()		2.0	

	Method	getCharNumAtPosition()		2.0	
	Method	selectSubString()		2.0	
SVG Plugin/Control Support					
				Viewer Vers	
Class	Type	Name	Browser	Supported*	Notes
<EMBED>	Property	SRC	IE-only	1.0, 2.0	
	Method	getSrc		1.0, 2.0	
	Method	setSrc		1.0, 2.0	
	Read only Property	ReadyState	IE-only	1.0, 2.0	
	Method	reload()		1.0, 2.0	
	Property	DefaultFontFamily	IE-only	1.0, 2.0	
	Method	getDefaultFontFamily()		1.0, 2.0	
	Method	setDefaultFontFamily()		1.0, 2.0	
	Property	DefaultFontSize	IE-only	1.0, 2.0	
	Method	getDefaultFontSize()		1.0, 2.0	
	Method	setDefaultFontSize()		1.0, 2.0	
	Property	DefaultAntialias	IE-only	1.0, 2.0	
	Method	getDefaultAntialias()		1.0, 2.0	
	Method	setDefaultAntialias()		1.0, 2.0	
	Property	FULLSCREEN	IE-only	1.0, 2.0	
	Property	USE_SVGZ	IE-only	1.0, 2.0	
	Method	getSVGDocument		1.0, 2.0	
	Method	getSVGViewerVersion		1.0, 2.0	
	Property	ZIP_VERSION	NN-only	1.0, 2.0	