

# Highslide JS API Reference

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Object: hs

## VARIABLES

Name	Requires	Type	Default	Inline	Short description	Example
<a href="#">align</a>	positioning	string		Yes	Position of the full image in the client, either 'auto' or 'center'. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">allowHeightReduction</a>	html, autosize	boolean	true	Yes	See <a href="#">hs.allowWidthReduction</a> .	
<a href="#">allowMultipleInstances</a>	multiple	boolean	true		Allow more than one popup expander to be open at the same time. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">allowSizeReduction</a>	autosize	boolean	true	Yes	Allow the image to shrink to fit a small viewport. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">allowWidthReduction</a>	html, autosize	boolean	false	Yes	Allow HTML popups to shrink to fit the width of the browser window. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">anchor</a>	positioning	string		Yes	Which corner or side of the thumbnail the popup should be anchored to. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">blockRightClick</a>		boolean	false		Block right clicking and context menu on the full size image. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">cacheAjax</a>	ajax	boolean	true	Yes	Cache the contents of AJAX popup for instant display. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">captionEval</a>	captions	string	null	Yes	An expression to be evaluated into the <a href="#">caption</a> text. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">captionId</a>	captions	string	null	Yes	The id of the element to be cloned to an image <a href="#">caption</a> . <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">captionSlideSpeed</a>	captions	float	1		Sets the speed of the <a href="#">caption</a> 's sliding animation, a higher number is faster. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">captionText</a>	captions	string	null		A text to use in the <a href="#">caption</a> . <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">closeText</a>	html	string	Close		The text for the <a href="#">hs.close</a> link in <a href="#">self rendering</a> mode.	<a href="#">Example</a>
<a href="#">closeTitle</a>	html	string	Click to close		The tooltip text for the <a href="#">hs.close</a> link in <a href="#">self rendering</a> mode.	<a href="#">Example</a>
<a href="#">contentId</a>	html	string	null	Yes	The id of the HTML element containing the content for HTML popups. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">creditsHref</a>	overlays	string			The hyperlink reference for the credits label.	
<a href="#">creditsText</a>	overlays	string			The text to show on the credits label. See <a href="#">hs.showCredits</a> on how to disable it.	
<a href="#">creditsTitle</a>	overlays	string			The tooltip text for the credits label.	
<a href="#">dimmingDuration</a>	transitions	integer	50		The duration in milliseconds of the fading in and out of the background dimming effect. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">dimmingGeckoFix</a>	transitions	boolean	false		Fix Gecko/Mac bug that causes problems with dimming and Flash. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">dimmingOpacity</a>	transitions	float	0	Yes	A float between 0 and 1 defining the opacity of a dimmed page background <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">dragSensitivity</a>	dragging	int	5		How many pixels to drag the full image before it starts moving. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">easing</a>		string	easeInQuad	Yes	Sets the style of the expand/contract effect. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">easingClose</a>		string	inherited from hs.easing	Yes	The easing when closing the expander. See <a href="#">hs.easing</a> .	
<a href="#">enableKeyListener</a>	navigation	boolean	true		Listen for keystrokes like left and right arrow to control Highslide. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">expandDuration</a>		integer	250		Defines in milliseconds how long the zoom in effect should take.	
<a href="#">expandSteps</a>		integer	10		Number of steps in the zoom in effect. <a href="#">More...</a>	
<a href="#">fadeInOut</a>		boolean	false	Yes	Add a fading effect to the regular expand/contract effect.	<a href="#">Example</a>
<a href="#">flushImgSize</a>		boolean	false		Flush IE's cached image width and height after an image is physically resized. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">focusTitle</a>	multiple	string			The tooltip text to display when an expanded image is behind another.	<a href="#">Example</a>
<a href="#">fullExpandOpacity</a>	overlays, autosize	float	1		A float between 0 and 1 giving the opacity of the full expand label	
<a href="#">fullExpandPosition</a>	overlays, autosize	string	bottom right		The position of the full expand label relative to the image. <a href="#">More...</a>	
<a href="#">fullExpandTitle</a>	overlays, autosize	string			The tooltip text to display on the full expand icon that appears when the image is shrunk to fit the window.	<a href="#">Example</a>

<a href="#">graphicsDir</a>		string			The path to the directory where your graphics are. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">height</a>	html	integer	undefined	Yes	Sets the pixel height of the HTML expander. <a href="#">More...</a>	
<a href="#">loadingOpacity</a>		float	0.75		The opacity of the loading label.	
<a href="#">loadingText</a>		string			The text to display on the loading label. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">loadingTitle</a>		string	'Click to cancel'		The tooltip text that appears when the user hovers the loading label.	<a href="#">Example</a>
<a href="#">marginBottom</a>		integer	15		See <a href="#">hs.marginLeft</a> .	
<a href="#">marginLeft</a>		integer	10		The expanded image or <a href="#">HTML content</a> never exceeds this left margin on the page. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">marginRight</a>		integer	15		See <a href="#">hs.marginLeft</a> .	
<a href="#">marginTop</a>		integer	10		See <a href="#">hs.marginLeft</a> .	
<a href="#">minHeight</a>		integer	200	Yes	Pixel value for the minimum height of the expanded content, see <a href="#">hs.minWidth</a> .	
<a href="#">minWidth</a>		integer	200	Yes	Pixel value for the minimum width of the expanded image. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">moveText</a>	html	string	Move		The text for the move link in <a href="#">self rendering</a> mode.	<a href="#">Example</a>
<a href="#">nextText</a>	html	string	Next		The text for the <a href="#">hs.next</a> link in <a href="#">self rendering</a> mode.	<a href="#">Example</a>
<a href="#">numberOfImagesToPreload</a>	preloading	integer	5		Highslide by default preloads the first 5 images in your page. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">objectHeight</a>	html	integer	null	Yes	Specifies the height of the iframe within iframe popups. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">objectLoadTime</a>	html	string		Yes	Display an iframe or Flash object before or after the animation. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">objectType</a>	html	string	null	Yes	One of 'ajax' or 'iframe'. Defines how you want to display the link target. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">objectWidth</a>	html	integer	null	Yes	From version 3.3 this setting is redundant, as the width is computed from the available width. See <a href="#">hs.objectHeight</a> .	
<a href="#">outlineStartOffset</a>	outlines	integer	3		When <a href="#">hs.outlineWhileAnimating</a> is true, this defines the starting pixel offset. <a href="#">More...</a>	
<a href="#">outlineType</a>	outlines	string		Yes	Defines a <a href="#">graphic outline</a> to display around the expanded content. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">outlineWhileAnimating</a>	outlines	boolean	false	Yes	Show the <a href="#">graphic outline</a> during the expansion and contraction of the popup. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">overrides</a>		array			Defines which settings of the hs object that will be inherited by the single hs.Expander. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">padToMinWidth</a>	captions	boolean	false		On narrow images, pad the width of the expander to the minWidth to make room for the <a href="#">caption</a> . <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">preserveContent</a>	html	boolean	true	Yes	Preserve changes made to the content and position of <a href="#">HTML content</a> . <a href="#">More...</a>	
<a href="#">previousText</a>	html	string	Previous		The text for the <a href="#">hs.previous</a> link in <a href="#">self rendering</a> mode.	<a href="#">Example</a>
<a href="#">resizeTitle</a>	html	string	Resize		The tooltip text for the resize handle in <a href="#">self rendering</a> mode.	<a href="#">Example</a>
<a href="#">restoreCursor</a>		string	'zoomout.cur'		The filename of the cursor that indicates zoom out on the expanded image. <a href="#">More...</a>	
<a href="#">restoreDuration</a>		integer	250		Equivalent to <a href="#">hs.expandDuration</a> but applies to the closing of the expander.	
<a href="#">restoreSteps</a>		integer	10		Equivalent to <a href="#">hs.expandSteps</a> but applies to the closing of the expander.	
<a href="#">restoreTitle</a>		string	Click to close image, click and drag to move. Use arrow keys for next and previous.		The tooltip text to display when the user hovers the expanded image.	<a href="#">Example</a>
<a href="#">showCredits</a>	overlays	boolean	true		Whether to show a "Powered by..." label in the upper left corner. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">slideshowGroup</a>		mixed	null	Yes	Places your popups into groups for Next and Previous navigation. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">spaceForCaption</a>	captions	integer	30	Yes	Pixel value to leave room for the <a href="#">caption</a> below the image. <a href="#">More...</a>	
<a href="#">src</a>		string	undefined	Yes	An alternative way to define the URL of the image or <a href="#">HTML content</a> . <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">swfObject</a>	flash	SwfObject	null	Yes	Reference to a SWFObject that gets written into the "highslide-body" of your HTML expander on opening. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">targetX</a>	positioning	string	null	Yes	Positions the expanded image or <a href="#">HTML content</a> exactly above a given element on your page. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">targetY</a>	positioning	string	null	Yes	See <a href="#">hs.targetX</a> .	
<a href="#">thumbnailId</a>		string	null		Defines the id of a graphic to expand the image from <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">transitions</a>	transitions	array	[]	Yes	Define transitions other than the default zoom in and out <a href="#">More...</a>	<a href="#">Example</a>

<a href="#">width</a>	html	integer	undefined	Yes	Sets the pixel width of the HTML expander. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">wrapperClassName</a>		string	null	Yes	A specific CSS class for the wrapping div to enhance CSS control. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">zIndexCounter</a>		integer	1001		Adjust the z-index to other elements on your page. <a href="#">More...</a>	

## FUNCTIONS

Name	Requires	Returns	Default	Inline	Short description	Example
<a href="#">close</a>		boolean			Close an expander given by a containing element. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">closeId</a>					Deprecated alias of <a href="#">hs.close</a> .	
<a href="#">expand</a>		boolean			The function used to open an image popup inline. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">getExpander</a>		hs.Expander			Get a hs.Expander object by id, by a DOM element or get the active expander. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">htmlExpand</a>	html	boolean			Open a HTML expander from the onclick attribute of an element. <a href="#">More...</a>	
<a href="#">next</a>	navigation	boolean			Displays the next image or <a href="#">HTML content</a> . <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">previous</a>	navigation	boolean			Displays the previous image or <a href="#">HTML content</a> . <a href="#">More...</a>	
<a href="#">registerOverlay</a>	overlays	void			Apply <a href="#">custom overlays</a> to image or HTML expanders. <a href="#">More...</a>	<a href="#">Example</a>

## EVENTS

Name	Requires	Returns	Default	Inline	Short description	Example
<a href="#">onActivate</a>	events	void			Fires after the hs.container has been generated <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">onDimmerClick</a>	events, transitions	boolean			Fires when the user clicks the dimmed background. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">onKeyDown</a>	navigation, events	bool			Fires when at least one expander is open and a key is pressed. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">onSetClickEvent</a>	events, unobtrusive	boolean			Fires when the onclick event is set on an element in unobtrusive mode. <a href="#">More...</a>	<a href="#">Example</a>

## Object: hs.Expander

## VARIABLES

Name	Requires	Type	Default	Inline	Short description	Example
<a href="#">a</a>		DOMElement			The anchor that opened the expander. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">caption</a>	captions	DOMElement			A reference to the div containing the <a href="#">caption</a> . <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">custom</a>		mixed	undefined		A custom object that is passed to the hs.Expander from the hs.expander function. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">thumb</a>		DOMElement			The thumbnail image, if any, that was clicked to open the expander. <a href="#">More...</a>	<a href="#">Example</a>

## FUNCTIONS

Name	Requires	Returns	Default	Inline	Short description	Example
<a href="#">close</a>		void			Close the current hs.Expander. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">createOverlay</a>	overlays	void			Create a <a href="#">custom overlay</a> for a single expander instance <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">focus</a>		void			Brings the current expander to the front.	<a href="#">Example</a>
<a href="#">reflow</a>	html, autosize, positioning	void			Reflows and recalculates the size of a HTML expander after the content is changed dynamically.	<a href="#">Example</a>

## EVENTS

Name	Requires	Returns	Default	Inline	Short description	Example
<a href="#">onAfterClose</a>	events	void			Fires after the expander has closed, right before the hs.Expander object is deleted.	
<a href="#">onAfterExpand</a>	events	void			Fires after the image or HTML has fully expanded and the optional <a href="#">caption</a> is in place.	
<a href="#">onAfterGetCaption</a>	events, captions	void			Fires after the <a href="#">caption</a> is grabbed. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">onAfterGetContent</a>	events, html	void			Fires after the <a href="#">HTML content</a> is grabbed. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">onBeforeClose</a>	events	boolean			Fires before the expander closes. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">onBeforeExpand</a>	events	void			Fires just before the expanding animation starts. <a href="#">More...</a>	
<a href="#">onBeforeGetCaption</a>	events, captions	boolean			Fires before the <a href="#">caption</a> is grabbed. <a href="#">More...</a>	
<a href="#">onBeforeGetContent</a>	events, html	boolean			Fires before the <a href="#">HTML content</a> is grabbed. <a href="#">More...</a>	
<a href="#">onBlur</a>	events, multiple	void			Fires when another expander is brought to the front and the current expander loses focus.	
<a href="#">onCreateFullExpand</a>	events, overlays, autosize	boolean			Fires after the full-expand label is created, but before it is made visible. <a href="#">More...</a>	
<a href="#">onCreateOverlay</a>	events, overlays	bool			Fires before the overlay is added to a single hs.Expander object. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">onDoFullExpand</a>	events, overlays, autosize	boolean			Fires after the full-expand icon is clicked, but before any actions are taken. <a href="#">More...</a>	
<a href="#">onDrag</a>	events, dragging	boolean			Fires repeatedly during move and resize. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">onDrop</a>	events, dragging	boolean			Fires after move or resize. <a href="#">More...</a>	
<a href="#">onFocus</a>	events	void			Fires when an expander is brought to the front.	
<a href="#">onHideLoading</a>	events	void			Fires when the loading label is hidden. <a href="#">More...</a>	
<a href="#">onImageClick</a>	events	boolean			Fires when the user clicks the full size image. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">onInit</a>	events	boolean			Fires when the thumbnail is clicked and the primary properties of the expander are set. <a href="#">More...</a>	<a href="#">Example</a>
<a href="#">onMouseOut</a>	events	void			Fires when the mouse cursor leaves the image or HTML popup.	<a href="#">Example</a>
<a href="#">onMouseOver</a>	events	void			Fires when the mouse cursor enters the image or HTML popup.	<a href="#">Example</a>
<a href="#">onShowLoading</a>	events	boolean			Fires after the loading label is created, but before it is made visible. <a href="#">More...</a>	

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