Microsoft Dynamics CRM 2011 JavaScript Development Cheat Sheet

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Xrm.Page.context Methods

getAuthenticationHeader	Returns the encoded SOAP header for MSCRM 4.0 style Web service calls
getCurrentTheme	Returns the current user's Outlook theme
getOrgLcid	Returns the LCID value for the base language of the organization
getOrgUniqueName	Returns the unique organizations name
getQueryStringParameters	Returns an array of key-value pairs representing the query strings
getServerUrl	Returns the base server URL
getUserId	Returns the current user's SystemUser id
getUserLcid	Returns the LCID value representing the user's preferred language
getUserRoles	Returns an array of GUID values of the security roles the user is associated with
isOutlookClient	Returns a Boolean value indicating if the user is using Outlook client
isOutlookOnline	Returns a Boolean value indicating if the user is connected to the server while using MSCRM for Outlook with Offline Access
prependOrgName	Prepends the organization name to the specified path

Xrm.Page.data.entity attribute Methods

Method	Applicable	Description
addOnChange	All	Sets a function to be called when the value is changed
fireOnChange	All	Causes the OnChange event to occur on the attribute
getAttributeType	All	Returns the type of attribute (string)
getFormat	All	Returns formatting options for the attribute (string)
getInitialValue	boolean, optionset	Returns the initial value for Boolean or optionset attributes
getIsDirty	All	Returns a Boolean value indicating if there are unsaved changes to the attribute value.
getMax	money, decimal, integer, double	Returns the maximum allowed value for an attribute (number)
getMaxLength	string, memo	Returns the maximum length of an attribute (number)
getMin	money, decimal, integer, double	Returns the minimum allowed value for an attribute (number)
getName	All	Returns the logical name of the attribute
getOption	optionset	Returns an option object by matching its name
getOptions	optionset	Returns an array of options for an optionset attribute
getParent	All	Returns the parent object to the attribute
getPrecision	money, decimal, double, integer	Returns the number of digits allowed after the decimal point
getRequiredLevel	All	Returns a string indicating whether the attribute is required or recommended
getSelectedOption	optionset	Returns the option selected in an optionset attribute.
getSubmitMode	All	Returns a string indicating if the attribute will be submitted when the record is saved
getText	optionset	Returns the selected option for an optionset attribute
getUserPrivilege	All	Returns an array of Boolean values indicating if the user can create/read/update an attribute's values
getValue	All	Retrieves the data value for an attribute
removeOnChange	All	Removes a function from the OnChange event handler
setRequiredLevel	All	Sets whether the attribute is required or recommended
setSubmitMode	All	Sets whether the attribute's data will be submitted
setValue	All	Sets the data value for an attribute.

Form Event Handler Execution Context Reference

getContext	Returns the Xrm.Page.context object
getDepth	Returns a value indicating the order in which this handler is executed
getEventArgs	Returns an object with methods to manage the Save event
getEventSource	Returns a reference to the object that the event occurred on
getSharedVariable	Retrieves a variable set using setSharedVariable
setSharedVariable	Sets the value of a variable to be used by a hander after the current handler completes

Xrm.Page.ui control methods

Method	Control Types	Description
addCustomView	Lookup	Adds a new view for the lookup dialog
addOption	Option Set	Adds an option to an Option set control
clearOptions	Option Set	Clears all options for an Option Set control
getAttribute	Standard, Lookup, Option Set	Returns the attribute that the control is bound to
getControlType	All	Returns a value that categorizes controls
getData	Silverlight Web resources	Returns the data query string parameter passed to a Silverlight Web resource
getDefaultView	Lookup	Returns the ID value of the default lookup dialog view
getDisabled	All	Returns a value indicating whether the control is disabled
getLabel	All	Returns the label for the control.
getName	All	Returns the name assigned to the control.
getParent	All	Returns a reference to the section object that contains the control.
getSrc	IFrame, Web Resource	Returns the current URL being displayed in an IFRAME.
getInitialUrl	IFrame	Returns the default URL of an IFrame control
getObject	IFrame, Web resource	Returns the object in the form representing an IFrame or Web resource
getVisible	All	Returns a value indicating if the control is visible
refresh	SubGrid	Refreshes the data displayed in a Sub-Grid
removeOption	Option Sets	Removes an option from an Option Set control
setData	Silverlight Web resources	Sets the data query string parameter passed to a Silverlight Web resource.
setDefaultView	Lookup	Sets the default view for the lookup dialog
setDisabled	All except Web Resources	Sets a value indicating whether the control is disabled.
setFocus	All	Sets the focus on the control.
setLabel	All	Sets the label for the control.
setSrc	IFrame and Web Resource	Sets the URL to be displayed in an IFrame.
setVisible	All	Sets a value indicating if the control is visible

Xrm.Page.data.entity Methods

addOnSave	Sets a function to be called when the record is saved
getDataXml	Returns the xml string to be sent to the server when the record is saved
getEntityName	Returns the logical name of the entity for the record
getId	Returns GUID id value for the record
getIsDirty	Returns a Boolean value indicating if any fields in the form have been modified
removeOnSave	Removes a function from the OnSave event hander
save	Saves the record

Xrm.Page.ui Methods

close	Closes the form.
getCurrentControl	Returns the control that currently has focus
getFormType	Indicates the form context for the record
getViewPortHeight	Returns the height of the viewport in pixels
getViewPortWidth	Returns the width of the viewport in pixels
refreshRibbon	Causes the ribbon to refresh

Xrm.Page.ui.controls Collection Methods

forEach	Applies the action contained within a delegate function		
get	Returns one or more controls		
	Argument	Return Value	Type
	None	All the controls	Array
	String	The control that matches the name	Object
getLength	Returns the number of controls in the collection.		

Xrm.Page.ui.navigation.items Collection Methods

forEach	Applies the action contained within a delegate function		
get	Returns one or more navigation items		
	Argument	Return Value	Type
	None	All the navigation items.	Array
	String	The item that matches the name	Object
	Number	The item that matches the index	Object
	delegate function (attribute, index)	Any navigation items causing the delegate function to return true	Array
getLength	Returns the number of navigation items in the collection.		

Xrm.Page.ui.formSelector members

Member	Type	Description
items	Collection	A collection of all accessible form items
getCurrentItem	Method	Returns the form currently being shown.

Xrm.Page.ui.formSelector.items Collection Methods

forEach	Applies the action contained within a delegate function.		
get	Returns one or more roleForms		
	Argument	Return Value	Type
	None	All the items.	Array
	String	The item that matches the name	Object
	Number	The item that matches the index	Object
	delegate function (attribute, index)	Any items that cause the delegate function to return true.	Array
getLength	Returns the number of roleForms in the collection.		

Xrm.Page.ui.tabs Collection Methods

forEach	Applies the action contained within a delegate function		
get	Returns one or more tabs		
	Argument	Return Value	Type
	None	All the tabs.	Array
	String	The tab that matches the name	Object
	Number	The tab that matches the index	Object
	delegate function (attribute, index)	Any tabs that cause the delegate function to return true.	Array
getLength	Returns the number of tabs in the collection.		

Xrm.Page.data.entity.attributes Collection Methods

forEach	Applies the action contained within a delegate function		
get	Returns one or more attributes		
	Argument	Return Value	Type
	None	All the attributes	Array
	String	The attribute matching the name	Object
	Number	The attribute matching the index	Object
	delegate function (attribute, index)	Any attributes that cause the delegate function to return true.	Array
getLength	Returns the number of items in the collection.		

Shortcut methods

Shortcut	Equivalent
Xrm.Page.getAttribute	Xrm.Page.data.entity.attributes.get
Xrm.Page.getControl	Xrm.Page.ui.controls.get
GetGlobalContext (Web Resources)	Xrm.Page.context (within forms)