

# Microsoft Dynamics CRM 2011 JavaScript Development Cheat Sheet

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Xrm.Page.context Methods	
<a href="#">getAuthenticationHeader</a>	Returns the encoded SOAP header necessary to use MSCRM 4.0 Web service calls.
<a href="#">getCurrentTheme</a>	Returns the current Outlook theme chosen by the user.
<a href="#">getOrgLcid</a>	Returns the LCID value for the base language of the organization.
<a href="#">getOrgUniqueName</a>	Returns the unique text value of the organizations name.
<a href="#">getQueryStringParameters</a>	Returns an array of key value pairs representing the query string arguments that were passed to the page.
<a href="#">getServerUrl</a>	Returns the base server URL. When a user is working offline, the URL is to the local MSCRM Web services.
<a href="#">getUserId</a>	Returns the current user's SystemUser id.
<a href="#">getUserLcid</a>	Returns the LCID value that the user selected as their preferred language.
<a href="#">getUserRoles</a>	Returns an array of strings representing the GUID values of each of the security roles that the user is associated with.
<a href="#">isOutlookClient</a>	Returns a Boolean value indicating if the user is using MSCRM for Outlook client.
<a href="#">isOutlookOnline</a>	Returns a Boolean value indicating whether the user is connected to the MSCRM server while using the MSCRM for Outlook with Offline Access client.
<a href="#">prependOrgName</a>	Prepends the organization name to the specified path.

Xrm.Page.data.entity Methods	
<a href="#">addOnSave</a>	Sets a function to be called when the record is saved.
<a href="#">getDataXml</a>	Returns a string representing the xml that will be sent to the server when the record is saved.
<a href="#">getEntityName</a>	Returns a string representing the logical name of the entity for the record.
<a href="#">getId</a>	Returns a string representing the GUID id value for the record.
<a href="#">getIsDirty</a>	Returns a Boolean value that indicates if any fields in the form have been modified.
<a href="#">removeOnSave</a>	Removes a function from the OnSave event handler.
<a href="#">save</a>	Saves the record. This method has three possible parameters.

Xrm.Page.data.entity Methods	
<a href="#">close</a>	Closes the form.
<a href="#">getCurrentControl</a>	Returns the control object that currently has focus on the form.
<a href="#">getFormType</a>	Indicates the form context for the record.
<a href="#">getViewPortHeight</a>	Returns the height of the viewport in pixels.
<a href="#">getViewPortWidth</a>	Returns the width of the viewport in pixels.
<a href="#">refreshRibbon</a>	Causes the ribbon to re-evaluate data that controls what is displayed in it.

Shortcut methods	
Shortcut	Equivalent
Xrm.Page.getAttribute	<a href="#">Xrm.Page.data.entity.attributes.get</a>
Xrm.Page.getControl	<a href="#">Xrm.Page.ui.controls.get</a>

Xrm.Page.data.entity attribute Methods		
Method	Applicable	Description
<a href="#">addOnChange</a>	All	Sets a function to be called when the value is changed.
<a href="#">fireOnChange</a>	All	Causes the OnChange event to occur on the attribute so that any script associated to that event can execute.
<a href="#">getAttributeType</a>	All	Returns the type of attribute (string).
<a href="#">getFormat</a>	All	Returns formatting options for the attribute (string).
<a href="#">getInitialValue</a>	boolean, optionset	Returns the initial value for Boolean or optionset attributes.
<a href="#">getIsDirty</a>	All	Returns a Boolean value indicating if there are unsaved changes to the attribute value.
<a href="#">getMax</a>	money, decimal, integer, double	Returns the maximum allowed value for an attribute (number).
<a href="#">getMaxLength</a>	string, memo	Returns the maximum length of a string or memo attribute (number).
<a href="#">getMin</a>	money, decimal, integer, double	Returns the minimum allowed value for an attribute (number).
<a href="#">getName</a>	All	Returns the logical name of the attribute.
<a href="#">getOption</a>	optionset	Returns an option object with the name matching the argument passed to the method.
<a href="#">getOptions</a>	optionset	Returns the valid options for an optionset attribute (an array of option objects).
<a href="#">getParent</a>	All	Returns the entity object that is the parent to the attribute.
<a href="#">getPrecision</a>	money, decimal, double, integer	Returns the number of digits allowed to the right of the decimal point.
<a href="#">getRequiredLevel</a>	All	Returns a string value indicating whether a value for the attribute is required or recommended.
<a href="#">getSelectedOption</a>	optionset	Returns the option selected in an optionset attribute.
<a href="#">getSubmitMode</a>	All	Returns a string indicating when data from the attribute will be submitted when the record is saved.
<a href="#">getText</a>	optionset	Returns the text for the currently selected option for an optionset attribute.
<a href="#">getUserPrivilege</a>	All	Returns an array of privileges that contain Boolean values indicating if the user can create, read or update data values for an attribute.
<a href="#">getValue</a>	All	Retrieves the data value for an attribute.
<a href="#">removeOnChange</a>	All	Removes a function from the OnChange event handler.
<a href="#">setRequiredLevel</a>	All	Sets whether data is required or recommended for the attribute before the record can be saved.
<a href="#">setSubmitMode</a>	All	Sets whether data from the attribute will be submitted when the record is saved.
<a href="#">setValue</a>	All	Sets the data value for an attribute.

Xrm.Page.data.entity.attributes Collection Methods			
<a href="#">forEach</a>	Applies the action contained within a delegate function.		
<a href="#">get</a>	Returns one or more attributes depending on the arguments passed.		
	Argument	Return Value	Type
	None	All the attributes.	Array
	String	The attribute where the name matches the argument.	Object
	Number	The attribute where the index matches the number.	Object
	delegate function (attribute, index)	Any attributes that cause the delegate function to return true.	Array
<a href="#">getLength</a>	Returns the number of items in the collection.		

Xrm.Page.ui.controls Collection Methods		
<a href="#">forEach</a>	Applies the action contained within a delegate function.	
<a href="#">get</a>	Returns one or more controls depending on the arguments passed.	
	Argument	Return Value
	None	All the controls.
	String	The control where the name matches the argument.
		Type
		Array
		Object
<a href="#">getLength</a>	Returns the number of controls in the collection.	

Xrm.Page.ui.navigation.items Collection Methods		
<a href="#">forEach</a>	Applies the action contained within a delegate function.	
<a href="#">get</a>	Returns one or more navigation items depending on the arguments passed.	
	Argument	Return Value
	None	All the navigation items.
	String	The navigation item where the name matches the argument.
	Number	The item where the index matches the number.
	delegate function (attribute, index)	Any navigation items that cause the delegate function to return true.
		Type
		Array
		Object
<a href="#">getLength</a>	Returns the number of navigation items in the collection.	

Xrm.Page.ui.formSelector members		
Member	Type	Description
<a href="#">items</a>	Collection	A Collection of all the form items accessible to the current user.
<a href="#">getCurrentItem</a>	Method	Returns a reference to the form currently being shown.

Xrm.Page.ui.formSelector.items Collection Methods		
<a href="#">forEach</a>	Applies the action contained within a delegate function.	
<a href="#">get</a>	Returns one or more roleForms depending on the arguments passed.	
	Argument	Return Value
	None	All the items.
	String	The item where the name matches the argument.
	Number	The item where the index matches the number.
	delegate function (attribute, index)	Any items that cause the delegate function to return true.
		Type
		Array
		Object
<a href="#">getLength</a>	Returns the number of roleForms in the collection.	

Xrm.Page.ui.tabs Collection Methods		
<a href="#">forEach</a>	Applies the action contained within a delegate function.	
<a href="#">get</a>	Returns one or more tabs depending on the arguments passed.	
	Argument	Return Value
	None	All the tabs.
	String	The tab where the name matches the argument.
	Number	The tab where the index matches the number.
	delegate function (attribute, index)	Any tabs that cause the delegate function to return true.
		Type
		Array
		Object
<a href="#">getLength</a>	Returns the number of tabs in the collection.	