Microsoft Dynamics CRM 2013 Client API Cheat Sheet v1.1 (A4)

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Xrm.Utility

alertDialog	Displays a dialog box with a message.
confirmDialog	Displays a confirmation dialog box that contains a message as well as OK and Cancel buttons.
isActivityType	Determine if an entity is an activity entity.
openEntityForm	Opens an entity form.
openWebResource	Opens an HTML web resource.

Xrm.Page.data

getIsValid*	Do a validation check for the data in the form.
refresh*	Asynchronously refresh all the data of the form without reloading the page.
save*	Saves the record asynchronously with the option to set callback functions.

Xrm.Page.context

client.getClient*	Returns a value to indicate which client the script is executing in.
client.getClientState*	Returns a value to indicate the state of the client.
getClientUrl	Returns the base URL that was used to access the application.
getCurrentTheme	Returns a string representing the current Microsoft Office Outlook theme chosen by the user.
getOrgLcid	Returns the LCID value that represents the base language for the organization.
getOrgUniqueName	Returns the unique text value of the organization's name.
getQueryStringParameters	Returns a dictionary object of key value pairs that represent the query string arguments that were passed to the page.
getUserId	Returns the GUID of the SystemUser.Id value for the current user.
getUserLcid	Returns the LCID value that represents the provisioned language that the user selected as their preferred language.
getUserName*	Returns the name of the current user.
getUserRoles	Returns an array of strings that represent the GUID values of each of the security roles that the user is associated with.
~~isOutlookClient~~	*(Deprecated)* Returns a Boolean value indicating if the user is using Microsoft Dynamics CRM for Outlook.
~~isOutlookOnline~~	*(Deprecated)* Returns a Boolean value that indicates whether the user is connected to the CRM server.
prependOrgName	Prepends the organization name to the specified path.

Xrm.Page.getAttribute("...")

getAttributeType	Get the type of attribute.
getFormat	Get the attribute format.
getIsDirty	Determine whether the value of an attribute has changed since it was last saved.
getIsPartyList	Determine whether a lookup attribute represents a partylist lookup.
getMaxLength	Get the maximum length of string which an attribute that stores string data can have.
getName	Get the name of the attribute.
getParent	Get a reference to the **Xrm.Page.data.entity** object that is the parent to all attributes.
getRequiredLevel	Returns a string value indicating whether a value for the attribute is required or recommended.
getSubmitMode	Sets whether data from the attribute will be submitted when the record is saved. **always / never / dirty**
getUserPrivilege	Determine what privileges a user has for fields using Field Level Security.
getValue / setValue	Gets or Sets the data value for an attribute.
setRequiredLevel	Sets whether data is required or recommended for the attribute before the record can be saved. **none / required / recommended**
setSubmitMode	Returns a string indicating when data from the attribute will be submitted when the record is saved.

Number

getMax / getMin	Returns a number indicating the maximum or minimum allowed value for an attribute.
getPrecision	Returns the number of digits allowed to the right of the decimal point.

OnChange Event

addOnChange / removeOnChange	Sets or remove a function to be called when the attribute value is changed.
fireOnChange	Causes the OnChange event to occur on the attribute so that scripts can execute.

OptionSet

getInitialValue	Returns a value that represents the value set for an **optionset** or **boolean** when the form opened.
getOption[s]	Returns an option object with the value matching the argument passed to the method.
getSelectedOption	Returns the option object that is selected.
getText	Returns a string value of the text for the currently selected option for an optionset attribute.

Xrm.Page.data.entity

addOnSave	Adds a function to be called when the record is saved.
getDataXml	Returns a string representing the xml that will be sent to the server when the record is saved.
getEntityName	Returns a string representing the logical name of the entity for the record.
getId	Returns a string representing the GUID id value for the record.
getIsDirty	Returns a Boolean value that indicates if any fields in the form have been modified.
getPrimaryAttributeValue*	Gets a string for the value of the primary attribute of the entity.
removeOnSave	Removes a function to be called when the record is saved.
save	Saves the record with the options to close or new.

Xrm.Page.getControl("...")

clearNotification*	Remove a message already displayed for a control.
getAttribute	Get the attribute that the control is bound to.
getControlType	Get information about the type of control.
getDisabled / setDisabled	Get or Set whether the control is disabled.
getLabel / setLabel	Get or Set the label for the control.
getName	Get the name of the control.
getParent	Get the section object that the control is in.
getVisible / setVisible	Get or Set a value that indicates whether the control is currently visible.
setFocus	Sets the focus on the control.
setNotification*	Display a message near the control to indicate that data is not valid.

DateTime

setIsAllDay*	Specify whether a date control should set a value including the entire day.
setShowTime*	Specify whether a date control should show the time portion of the date.

Lookup

addCustomFilter*	Use fetchXml to add additional filters to the results displayed in the lookup. Each filter will be combined with an 'AND' condition.
addCustomView	Adds a new view for the lookup dialog box.
addPreSearch*	Use this method to apply changes to lookups based on values current just as the user is about to view results for the lookup.
getDefaultView / setDefaultView	Get or Set Id value of the default lookup dialog view.
removePreSearch*	Use this method to remove event handler functions that have previously been set for the PreSearch event.

OptionSet

adoption / removeOption	Adds or remove an option to an option set control.
clearOptions	Clears all options from an Option Set control.

Web Resource or IFrame

getData / setData	Get or Set the value of the data query string parameter passed to a Silverlight web resource.
getInitialUrl	Returns the default URL that an I-frame control is configured to display. This method is not available for web resources.
getObject	Returns the object in the form that represents an I-frame or web resource.
getSrc / setSrc	Get or Set the current URL being displayed in an IFrame or web resource.

Other Controls

refresh	Refreshes the data displayed in a **Sub-Grid**.
setPrecision*	Override the precision set for a **number** attribute.

Xrm.Page.ui

clearFormNotification*	Remove form level notifications.
close	Method to close the form.
formSelector.getCurrentItem	Method to return a reference to the form currently being shown.
formSelector.items	A collection of all the form items accessible to the current user.
getViewPortHeight	Method to get the height of the viewport in pixels.
getViewPortWidth	Method to get the width of the viewport in pixels.
getCurrentControl	Get the control object that currently has focus.
getFormType	Get the form context for the record.
navigation.items	A collection of all the navigation items on the page.
setFormNotification*	Display form level notifications.
refreshRibbon	Re-evaluate the ribbon data that controls what is displayed in it.

* new methods