

# Microsoft Dynamics CRM 2011 - JavaScript Development

## 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

- **addOnChange:** (Applicable: All) Sets a function to be called when the value is changed
- **fireOnChange:** (Applicable: All) Causes the OnChange event to occur on the attribute
- **getAttributeType:** (Applicable: All) Returns the type of attribute (string)
- **getFormat:** (Applicable: All) Returns formatting options for the attribute (string)
- **getInitialValue:** (Applicable: boolean, optionset) Returns the initial value for Boolean or optionset attributes
- **getIsDirty:** (Applicable: All) Returns a Boolean value indicating if there are unsaved changes to the attribute value.
- **getMax:** (Applicable: money, decimal, integer, double) Returns the maximum allowed value for an attribute (number)
- **getMaxLength:** (Applicable: string, memo) Returns the maximum length of an attribute (number)
- **getMin:** (Applicable: money, decimal, integer, double) Returns the minimum allowed value for an attribute (number)
- **getName:** (Applicable: All) Returns the logical name of the attribute
- **getOption:** (Applicable: optionset) Returns an option object by matching its name
- **getOptions:** (Applicable: optionset) Returns an array of options for an optionset attribute
- **getParent:** (Applicable: All) Returns the parent object to the attribute
- **getPrecision:** (Applicable: money, decimal, double, integer) Returns the number of digits allowed after the decimal point
- **getRequiredLevel:** (Applicable: All) Returns a string indicating whether the attribute is required or recommended

- **getSelectedOption:** (Applicable: optionset) Returns the option selected in an optionset attribute.
- **getSubmitMode:** (Applicable: All) Returns a string indicating if the attribute will be submitted when the record is saved
- **getText:** (Applicable: optionset) Returns the selected option for an optionset attribute
- **getUserPrivilege:** (Applicable: All) Returns an array of Boolean values indicating if the user can create/read/update an attribute's values
- **getValue:** (Applicable: All) Retrieves the data value for an attribute
- **removeOnChange:** (Applicable: All) Removes a function from the OnChange event handler
- **setRequiredLevel:** (Applicable: All) Sets whether the attribute is required or recommended
- **setSubmitMode:** (Applicable: All) Sets whether the attribute's data will be submitted
- **setValue:** (Applicable: 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 handler after the current handler completes

### **Xrm.Page.ui control methods**

- **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 handler
- **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
- **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
- **getLength:** Returns the number of navigation items in the collection.

#### **Xrm.Page.ui.formSelector members**

- **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
- **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
- **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
- **getLength:** Returns the number of items in the collection.

#### **Shortcut methods**

- **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)