Avoid Using Deprecated Methods

Dynamics 365 Rules · https://community-staging.qualityclouds.com/qcdocs/qc/dynamics-365-rules/avoid-using-deprecated-methods/

Impact area

Manageability

Severity

High

Affected element

Rule number

DY-0007

Impact

Methods identified by this rule are deprecated, and should be replaced.

Remediation

Refactor your code to use the new API signatures.

Time to fix

15 min

Best practice related

This article is based on the Microsoft Power Platform doc page. See the original article on the Microsoft documentation site: Important changes coming: Some client APIs are deprecated.

The following client APIs are deprecated to reorganize the Xrm client API object model to better align with the need of using the same client scripts without having to change them based on the context or the client (web client or the new Unified Interface) where they run. You should plan to use the new client APIs mentioned in the **Replacement Client API** column instead of the deprecated ones. The deprecated client APIs will continue to be available and supported until they are officially removed from a future major release.

Deprecated client API	Replacement client API	Comme
Xrm.Page	**Forms**: ExecutionContext.getFormContext **Commands**: Send it as the PrimaryControl parameter	Use of t static ac context maintai with the the feed the usa and it w as some listed in encoura of getti possible API form Althoug deprecat will cor HTML w forms a access t HTML w
Xrm.Page.context	Xrm.Utility.getGlobalContext	Allows a without context

Xrm.Page.context.getQueryStringParameters	formContext.data.attributes	The form API will entity b across e driven c flows. T combina using th was spe the ope
Xrm.Page.context.getTimeZoneOffsetMinutes	globalContext.userSettings.getTimeZoneOffsetMinutes	Moved t globalC
Xrm.Page.context.getUserId	globalContext.userSettings.userId	Moved t globalC
Xrm.Page.context.getUserLcid	globalContext.userSettings.languageId	Moved t globalC
Xrm.Page.context.getUserName	globalContext.userSettings.userName	Moved t globalC
Xrm.Page.context.getUserRoles	globalContext.userSettings.securityRoles	Moved t globalC
Xrm.Page.context.getIsAutoSaveEnabled	globalContext.organizationSettings.isAutoSaveEnabled	Moved t globalC
Xrm.Page.context.getOrgLcid	globalContext.organizationSettings.languageId	Moved t globalC
Xrm.Page.context.getOrgUniqueName	globalContext.organizationSettings.uniqueName	Moved t globalC
Xrm.Page.data.entity.getDataXml	No change in the method, but use "typename" instead of type for lookup attributes.	

GridRow.getData	GridRow.data	GridRow context interfac formCor
GridRowData.getEntity	GridRowData.entity	GridRow change GridRow formCor
Xrm.Mobile.offline	Xrm.WebApi.offline	Moved t under **X**
parent.Xrm	Use one of the following: a) Use a custom control created using Power Apps component framework instead of HTML web resources. b) On forms, use the getContentWindow method of the web resource control. c) If the getContentWindow method doesn't work, you can use `parent.Xrm` to get to the `Xrm` object inside an HTML web resource. If the HTML web resource is opened in a new window, then you should use `opener.Xrm` instead.	**Earlier** may int or **Xrm** form by or **pare** **Now**: pa HTML w form co HTML w stand al the site **NOTE**: remove `Client` page; c
addOnKeyPress	Use a custom control created using Power Apps component framework	
fireOnKeyPress	Use a custom control created using Power Apps component framework	

removeOnKeyPress	Use a custom control created using Power Apps component framework	
showAutoComplete	Use a custom control created using Power Apps component framework	
hideAutoComplete	Use a custom control created using Power Apps component framework	
Xrm.Utility.alertDialog	Xrm.Navigation.openAlertDialog	The new with oth takes a flexibilit
Xrm.Utility.confirmDialog	Xrm.Navigation.openConfirmDialog	The new with oth takes a flexibilit
Xrm.Utility.getBarcodeValue	Xrm.Device.getBarcodeValue	Moving Xrm.De
Xrm.Utility.getCurrentPosition	Xrm.Device.getCurrentPosition	Moving Xrm.De
Xrm.Utility.isActivityType	Xrm.Utility.getEntityMetadata	The isA synchro ribbon r replace getEntit asynchr for ribb
Xrm.Utility.openEntityForm	Xrm.Navigation.openForm	Moving Xrm.Na
Xrm.Utility.openQuickCreate	Xrm.Navigation.openForm	Moving Xrm.Na

Xrm.Utility.openWebResource	Xrm.Navigation.openWebResource	Moving Xrm.Na **Note**: T Unified
globalContext.organizationSettings.baseCurrencyId	globalContext.organizationSettings.baseCurrency	The rep access with the currenc
globalContext.userSettings.securityRoles	globalContext.userSettings.Roles	The rep access with the
globalContext.userSettings.transactionCurrencyId	globalContext.userSettings.transactionCurrency	The rep access with the currenc
getData and setData for Silverlight web resources	None	Silverlig These n after Oc
formContext.data.entity.save	formContext.data.save	
ClientGlobalContext.js.aspx	None	The Clie page is to be ur 2021. A access will be a 2021.

For information about the new client APIs, see Apply business logic using client scripting in model-driven apps using JavaScript.