

# MYOB Advanced

## Technical Release Notes

2021.2



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# Introduction

This document provides important information for software developers about fixes, enhancements, and key features that are available in MYOB Advanced 2021 R2. The document is designed particularly for those who customise MYOB Advanced and develop applications for it.

## Changes in the release

### Customisation

#### Ability to Include Connected Applications in a Customisation Project

---

In MYOB Advanced 2021 R2, once connected applications have been configured on the Connected Applications (SM303010) form, a developer can include connected applications in a customisation project by using the Customisation Project Editor. (See the following screenshot.)

Connected applications can work with MYOB Advanced through OAuth 2.0. Developers can add connected applications to a customisation project. When this project is published in MYOB Advanced, the connected applications included in the project can be used along with other project functionality.

The Customisation Project Editor now contains **Connected Applications** in the navigation pane, which the developer can click to open the Connected Applications page and manage connected applications in a

customisation project. The developer can click the following buttons on the page toolbar to invoke relevant actions:

- **Reload From Database:** Loads the settings of the connected applications configured in the current tenant to the customisation project.
- **Manage Connected Applications:** Opens the Connected Applications form.
- **Add New Record:** Opens the **Add Connected Application** dialog box, which displays the connected applications that are present in the current tenant. The developer can select connected applications to add them to the customisation project.

The screenshot displays the 'Customization Project Editor' interface. At the top, there is a blue header bar with the title 'Customization Project Editor' and two links: 'Back' and 'Reload'. Below the header is a menu bar with 'File', 'Publish', 'Extension Library', and 'Source Control'. The main area is divided into a left sidebar and a main content area. The sidebar, titled 'TestProject', lists various project components: Screens, Data Access, Code, Files, Generic Inquiries, Reports, Dashboards, Site Map, Database Scripts, System Locales, Import/Export Scenarios, Shared Filters, Access Rights, Wikis, Web Service Endpoints, Analytical Reports, Push Notifications, Business Events, Mobile Application, User-Defined Fields, and Webhooks. The 'Connected Applications (1)' section is highlighted in blue. The main content area is titled 'Connected Applications' and contains a table with the following data:

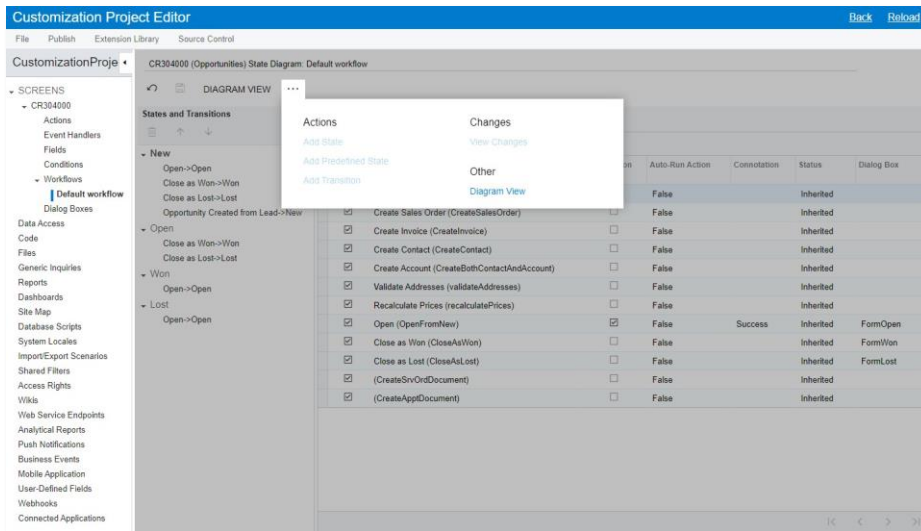
Object Name	Description	Last Modified By	Last Modified On
> Acumatica Support		admin admin	5/24/2021

Below the table, there are icons for refresh, save, undo, close, and add, along with the text 'RELOAD FROM DATABASE' and 'MANAGE CONNECTED APPLICATIONS'.

## Updates in the Customisation Project Editor

In MYOB Advanced 2021 R2, a redesigned form toolbar, with actions organised in categories on the More menu, has been implemented for multiple forms.

In the Customisation Project Editor, the page toolbar of multiple pages has been redesigned, with similar changes to those on the form toolbar in MYOB Advanced: With the new page toolbar, page-specific actions are now located on a separate menu, which opens when a customiser clicks the More button on the page toolbar. On the More menu, which opens, actions are grouped by categories. The following screenshot shows the updated Default Workflow page for the Opportunities (CR304000) form.



In the Customisation Project Editor, the following pages have been updated to use the redesigned page toolbar, support the redesigned form toolbar, or do both:

- Screens page
- Screen Editor: Form\_ID (Form\_Name) pages
- Actions page
- Event Handlers page
- Fields page
- Workflows page
- Workflow pages
- Dialog Boxes page
- Database Scripts page
- Mobile Application page

The categories and actions that have been added to the More menu of the Customisation Project Editor pages are described in the following sections.

### Actions Page

The categories and actions that have been added to the More menu of the Actions page are listed in the following table.

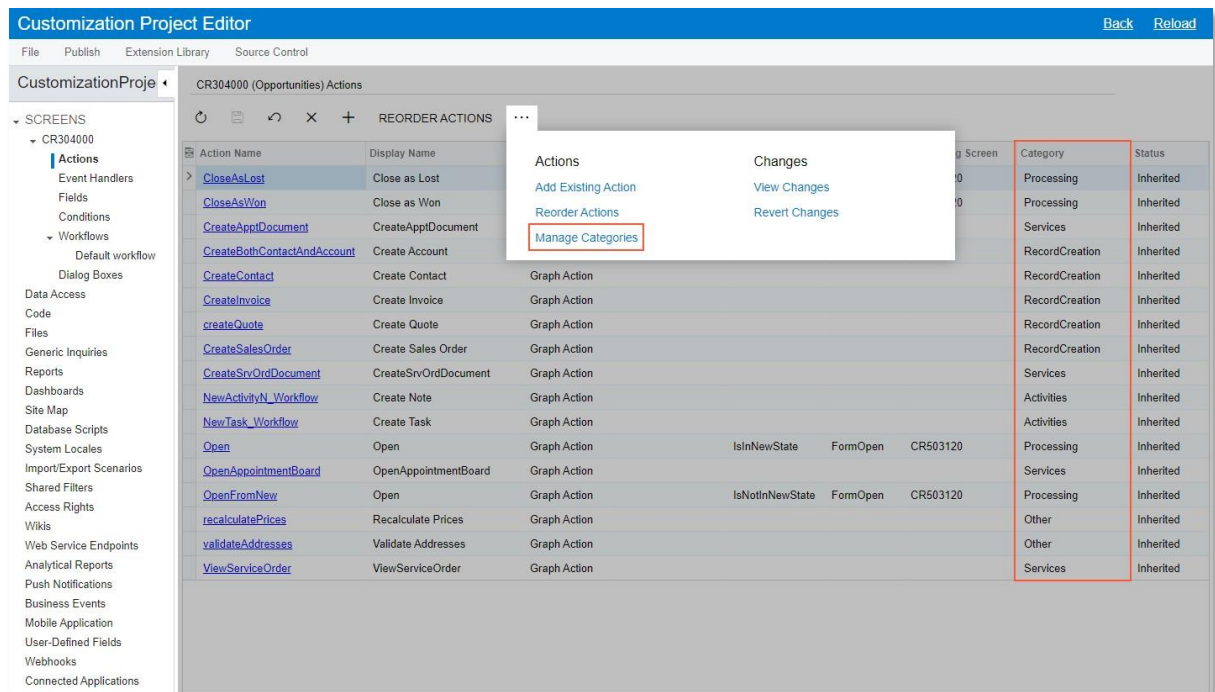
Category	Menu Actions
Actions	Add Existing Action
	Reorder Actions
	Manage Categories
Changes	View Changes
	Revert Changes

On the Actions page, a customiser can now manage the categories that are displayed on the More menu of the MYOB Advanced form, specify connotations for the actions, and change the order of the actions.

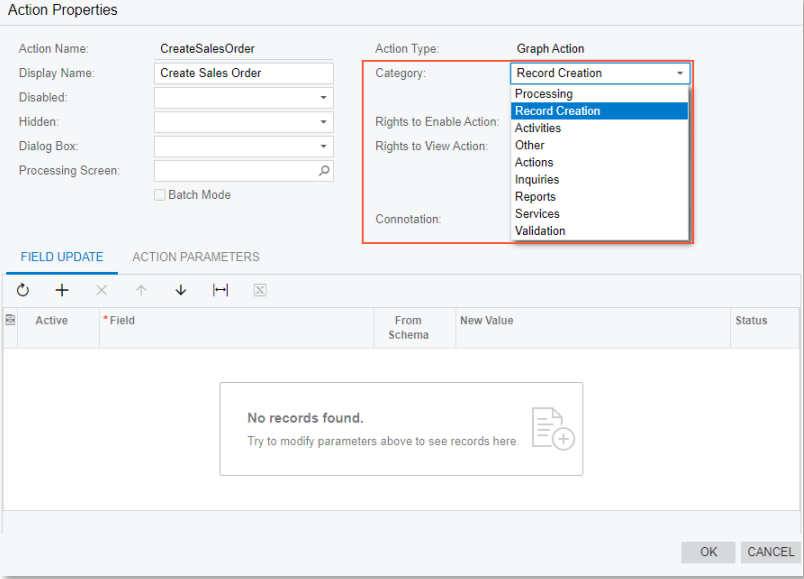
Categories and connotations for actions on an MYOB Advanced form can be specified in the Customisation Project Editor, through code by using the `PXButton` attribute, or through the workflow code. In any of these cases, a customiser can modify these elements in the Customisation Project Editor, as described in the following sections.

### Actions Page: Managing Categories

The Actions page now has the **Category** column in the table and the **Manage Categories** action on the More menu. The following screenshot shows the updated Actions page for the Opportunities (CR304000) form.



In the **Action Properties** dialog box (which opens when a customiser clicks a link with the name of an action), the **Category** field, the **Add to Toolbar** check box, and the **Lock on Toolbar** check box have been added. The **Category** field contains the list of all categories defined for the form (see the following screenshot).



The screenshot shows the 'Action Properties' dialog box. The 'Action Name' is 'CreateSalesOrder' and the 'Action Type' is 'Graph Action'. The 'Category' field is highlighted with a red box, showing a dropdown menu with the following options: Record Creation, Processing, Record Creation, Activities, Other, Actions, Inquiries, Reports, Services, and Validation. The 'Record Creation' option is selected. Below the dialog box, there is a table with columns 'Active', 'Field', 'From Schema', 'New Value', and 'Status'. The table is empty, and a message box says 'No records found. Try to modify parameters above to see records here.' with a plus icon. At the bottom right of the dialog box are 'OK' and 'CANCEL' buttons.

To change the category of the selected action, the customiser selects the required category in the **Category** field; when the customiser clicks **OK** to close the **Action Properties** dialog box, this change is saved.

The customiser can use the new **Add to Toolbar** and **Lock on Toolbar** check boxes to manage how an action is displayed on a form toolbar and under a category.

If the customiser selects the **Add to Toolbar** check box (shown in the following screenshot) for an action, this action will be displayed on the form toolbar of the MYOB Advanced form and under the **Other** category if the action is available for a record based on its state. (If the action is unavailable for a record based on its state, it will be displayed only under **Other**.) The **Category** field becomes unavailable in this case. If the customiser then clears the **Add to Toolbar** check box, the **Category** field becomes empty and available.



**Action Properties**

Action Name:       Action Type:   
 Display Name:       Category:   
 Disabled:   
 Hidden:   
 Dialog Box:   
 Processing Screen:

Batch Mode       Add to Toolbar  
 Rights to Enable Action:   
 Rights to View Action:   
 Expose to Mobile  
 Lock on Toolbar  
 Connotation:

**FIELD UPDATE**      ACTION PARAMETERS

Active	*Field	From Schema	New Value	Status
<div style="border: 1px solid #ccc; padding: 10px; width: fit-content; margin: 0 auto;"> <p><b>No records found.</b></p> <p>Try to modify parameters above to see records here.</p> </div>				

If the **Add to Toolbar** check box and the **Lock on Toolbar** check box are selected for an action (shown in the following screenshot), this action will be displayed on the form toolbar even if it is unavailable for a record based on its state, and it will not be displayed under any category.

**Action Properties**

Action Name:       Action Type:   
 Display Name:       Category:   
 Disabled:    
 Hidden:   
 Dialog Box:    
 Processing Screen:

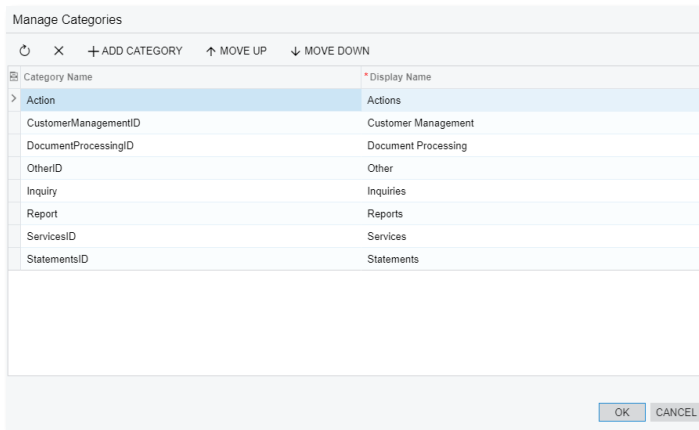
Batch Mode       Add to Toolbar  
 Rights to Enable Action:   
 Rights to View Action:   
 Expose to Mobile  
 Lock on Toolbar  
 Connotation:

**FIELD UPDATE**      ACTION PARAMETERS

Active	*Field	From Schema	New Value	Status
<input checked="" type="checkbox"/>	Reason	<input type="checkbox"/>	[FormWon.Reason]	Inherited
<input checked="" type="checkbox"/>	Stage	<input type="checkbox"/>	[FormWon.Stage]	Inherited
<input checked="" type="checkbox"/>	Active	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Inherited
<input checked="" type="checkbox"/>	Actual Close Date	<input checked="" type="checkbox"/>	@Today	Inherited
<input checked="" type="checkbox"/>	Override	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Inherited
<input checked="" type="checkbox"/>	Override Shipping Info	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Inherited

## Customisation

To manage categories on the More menu of the MYOB Advanced form, the customiser clicks the **Manage Categories** action on the More menu of the Actions page. This opens the **Manage Categories** dialog box (as shown in the following screenshot).



In the dialog box, the customiser can change the order of the existing categories by selecting a category and then clicking **Move Up** and **Move Down**.

In the dialog box, the customiser can also add a new category by doing the following:

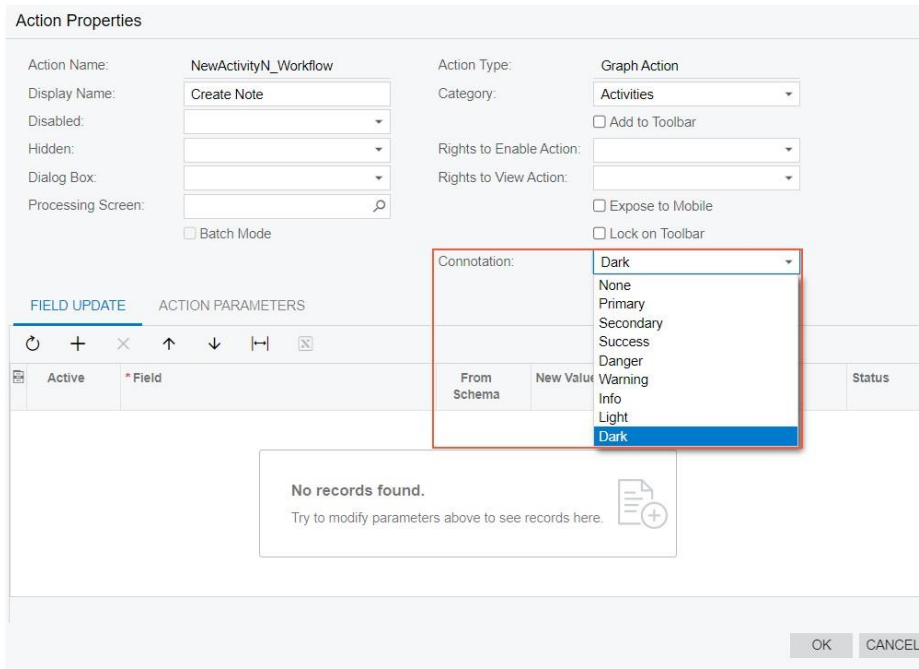
1. On the table toolbar, clicking **Add category**.
2. In the **New Category** dialog box, which opens, specifying the **Category Name** and the **Display Name** for the category.
3. Clicking **OK** to close the **New Category** dialog box.
4. Clicking **OK** to close the **Manage Categories** dialog box and save the changes.

As a result, the new category becomes available in the **Category** field of the **Action Properties** dialog box.

## Actions Page: Specifying Connotations

From the Actions page, a customiser can specify a connotation for an action—that is, highlight an action with a selected colour.

For an action on a form without a workflow, the customiser can specify a connotation for an action in the **Action Properties** dialog box, which is invoked on the Actions page. To do so, the customiser selects the required option in the **Connotation** field (see the following screenshot).



The possible values and their corresponding colours are listed in the following table.

Value	Colour
Cleared	No connotation specified
Primary	The primary colour of the site theme
Secondary	The secondary colour of the site theme
Success	Green
Danger	Red
Warning	Yellow
Info	Blue
Light	Light gray
Dark	Dark gray

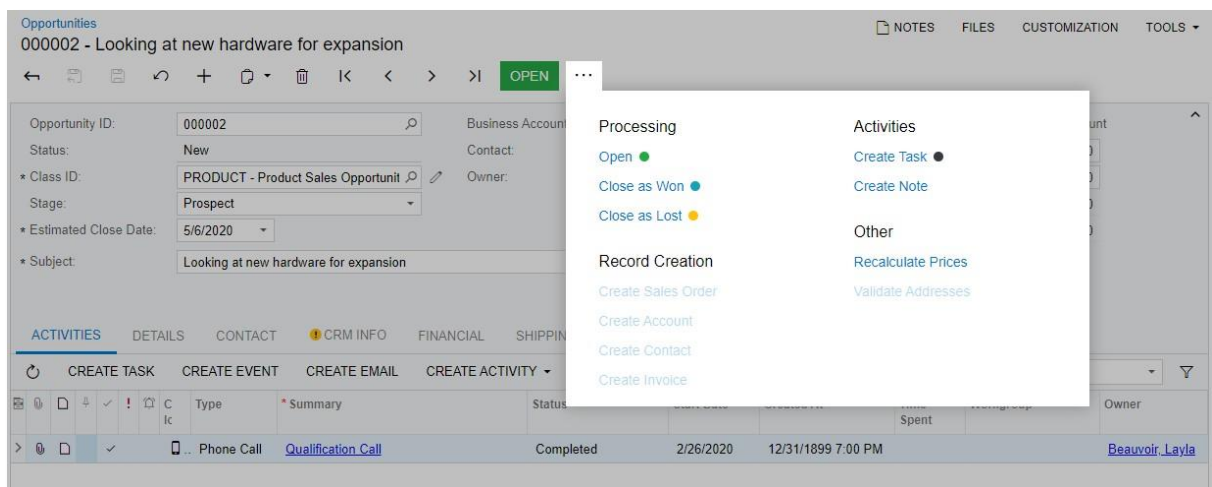
## Customisation

For an action on a form with a workflow, the customiser can also specify a connotation in the **Action Properties** dialog box, as described above. The customiser can instead specify a connotation on one of the Workflow pages. To do so, the customiser performs the following actions:

1. On the Workflows page, creates an inherited workflow for the form.
2. On the **States and Transitions** pane of the Workflow page for the created workflow, selects the required state.
3. In the **Connotation** column of the **Actions** tab for the state, selects the required connotation for an action.
4. Saves the changes.

If a connotation is specified for an action in the **Action Properties** dialog box, this connotation is used for this action in all states of an entity in the workflow. If in a specific state, another connotation is specified for the action, the state-specific connotation takes precedence.

The following screenshot shows the Opportunities (CR304000) form with added connotations.



## Screens Page

The category and menu actions that have been added to the More menu of the Screens page are listed in the following table.

Category	Menu Actions
Add Screen	Customise Existing Screen
	Create New Screen

### Screen Editor: Form\_ID (Form\_Name) Pages

The categories and actions that have been added to More menu of the Screen Editor: Form\_ID (Form\_Name) pages are listed in the following table. (These pages are displayed when a customiser adds a form to the list of customised screens.)

Category	Menu Actions
Other	Preview Changes
Actions	Edit ASPX
	Open Screen
	Customise Business Logic
	Customise Data Class

## Event Handlers Page

The category and actions that have been added to the More menu of the Event Handlers page are listed in the following table.

Category	Menu Actions
Changes	View Changes
	Revert Changes

## Fields Page

The categories and actions that have been added to the More menu of the Fields page are listed in the following table.

Category	Menu Actions
Actions	Combo Box Values
Changes	View Changes

## Workflows Page

The categories and actions that have been added to the More menu of the Workflows page are listed in the following table.

Category	Menu Actions
Actions	Add Workflow
	Upgrade Predefined Workflow
	Disinherit
Changes	View Changes

## Workflow Pages

The categories and actions that have been added to the More menu of the Workflow pages for customised or custom workflows and for predefined workflows are listed in the following table.

Category	Menu Actions
Add New	Add State
	Add Predefined State

	Add Transition
Changes	View Changes
Other	Diagram View
	Tree View

### Dialog Boxes Page

The categories and actions that have been added to the More menu of the Screens page are listed in the following table.

Category	Menu Actions
File	Copy
	Paste
Other	Preview Dialog Box
	View Changes

### Database Scripts Page

The categories and actions that have been added to the More menu of the Database Scripts page are listed in the following table.

Category	Menu Actions
Other	Reload from Database
Actions	Add Script
	Add Custom Table Schema
	Add Custom Column to Table
	Increase Column Length

### Mobile Application Page

The categories and actions that have been added to the More menu of the Mobile Application page are listed in the following table.

Category	Menu Actions
Customise	Update Main Menu
	Update Existing Screen

## Customisation

	Remove Existing Screen
	Add New Screen
Other	Clear Current Tenant
	Clear All Tenants



# Developer Documentation

## New and Refactored Content

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In MYOB Advanced 2021 R2, the documentation for developers have been extended and improved as described below.

### Commerce Connector Documentation

For developers of connectors between MYOB Advanced and the e-commerce systems, the documentation now includes the following new parts:

- The part in the Plug-in Development Guide, which covers the development of a commerce connector. It briefly describes the architecture of Acumatica Commerce Framework and provides a step-by-step guide on the creation of a connector.
- The API reference of the `PX.Commerce.Core` and `PX.Commerce.Objects` assemblies.

### Integration Development Guide

The Integration Development Guide has been changed as follows:

- The contents of the guide have been refactored. Now all request examples are gathered in one part of the guide, which is REST API Examples. The part includes the following types of examples:
  - Basic requests, such as sign-in and sign-out requests
  - Use of parameters, such as *\$filter* and *\$expand*
  - Requests grouped by API entities, such as the creation and retrieval of `Customer` records
  - Scenarios, which includes multiple requests, such as the creation of a pro forma invoice
- A REST API Example has been added that describes how the validation of an original transaction can be enabled or disabled.

# Platform API

## Insertion of a Multicurrency Document

---

In MYOB Advanced 2021 R2, financial forms have been moved to the latest version of the multicurrency generic graph extension, which is available in the `PX.Objects.CM.Extensions` namespace.

The namespace includes `MultyCurrencyGraph` abstract classes and attributes. The main DACs of the graphs that implement the latest version of the multicurrency functionality have their `Cury` fields marked with `PX.Objects.CM.Extensions.PXDBCurrencyAttribute`. The call of `FindImplementation<IPXCurrencyHelper>()` for these graphs returns an object whose type is a successor of `MultyCurrencyGraph`.

However, the previous version of the multicurrency functionality is still available on particular MYOB Advanced forms. The previous version uses the attributes from the `PX.Objects.CM` namespace. The main DACs of the graphs that implement the previous version of the multicurrency functionality have their `Cury` fields marked with `PX.Objects.CM.PXDBCurrencyAttribute`.

If a developer needs to insert a document into an MYOB Advanced form that works with the multicurrency functionality, before implementing the insertion, the developer needs to find out which version of the multicurrency functionality is used in the target graph. This topic briefly describes how to implement the insertion of a document for the latest version of the multicurrency functionality.

## Inserting a Document into a Graph That Supports the Latest Version of the Multicurrency Functionality

To insert a new document with the currency information, the developer does the following:

1. Obtains the `CurrencyInfo` object.

MYOB Advanced now supports two types of `CurrencyInfo` entities: `PX.Objects.CM.CurrencyInfo` (which is used in the previous version of the multicurrency functionality) and `PX.Objects.CM.Extensions.CurrencyInfo` (which is used in the latest version of the multicurrency functionality). These entities are saved in the same table in the database but have different `PXCache`. The developer can convert one entity type to another by using the following methods:

```
public static PX.Objects.CM.Extensions.CurrencyInfo
PX.Objects.CM.Extensions.CurrencyInfo.GetEX(
PX.Objects.CM.CurrencyInfo Info)
```

```
public PX.Objects.CM.CurrencyInfo
PX.Objects.CM.Extensions.CurrencyInfo.GetCM()
```

2. Copies and inserts the `CurrencyInfo` object into `PXCache` of the target graph by using one of the methods shown in the following code.

```
//Inserts a copy of CurrencyInfo with the new ID CurrencyInfo info_copy =
graph.GetExtension<APIInvoiceEntry.MultiCurrency>().CloneCurrencyInfo(info);
//Inserts a new CurrencyInfo with the same CuryID, BaseCuryID,
//ModuleCode, and RateTypeID, but the rate is defaulted for the specified
date CurrencyInfo info_copy =
graph.GetExtension<APIInvoiceEntry.MultiCurrency>().
```

3. Composes the `CurrencyInfo` object that should be inserted and sets the `CuryInfoId` from the
4. `info_copy` object.
5. Inserts the `CurrencyInfo` object into `PXCache` by using the `Insert (...)` method.

## Implementation of the Multicurrency Support on a Custom Form

---

In MYOB Advanced 2021 R2, financial forms have been moved to the most recent version of the multicurrency generic graph extension, which is available in the `PX.Objects.CM.Extensions` namespace. The namespace provides `MultyCurrencyGraph` abstract classes and attributes, including the new `FinDocMultiCurrencyGraph`, `ARMultiCurrencyGraph`, and `APMultiCurrencyGraph` abstract classes. A developer may need to reuse this multicurrency functionality in a custom form. This topic briefly describes how to implement this scenario with the latest multicurrency extension.

### Implementing Multicurrency Support on a Custom Form

To add multicurrency functionality to a custom form, a developer does the following:

1. In the file of the graph that corresponds to the custom form, adds the following `using` directives.

```
using PX.Objects.CM.Extensions;  
using PX.Objects.Extensions.MultiCurrency;
```

2. Declares the multicurrency extension as a nested class, as shown in the following code example.

```
public partial class APPaymentEntry : APDataEntryGraph<APPaymentEntry,  
    APPayment>  
{  
    public class MultiCurrency : APMultiCurrencyGraph<APPaymentEntry,  
        APPayment>
```

**Note:** The developer can use one of the following base classes:

- o `MultiCurrencyGraph`, which is the base multicurrency extension
- o `FinDocMultiCurrencyGraph`, which is used if it is necessary to control the system behavior based on the status of the document
- o `ARMultiCurrencyGraph`, which is specific to accounts receivable
- o `APMultiCurrencyGraph`, which is specific to accounts payable
- o `CRMMultiCurrencyGraph`, which is specific to CRM

3. In the multicurrency extension, overrides the following abstract properties and methods:
  - `Module`: This property specifies the two-character code of the MYOB Advanced functional area to be used in the created `CurrencyInfo` entities,

as shown in the following code. This value is necessary to obtain rounding accounts and other information that is specific to the functional area. The area-specific extensions override this property.

```
protected override string Module => "AP";
```

- `GetCurySourceMapping()`: As shown in the following code, this method returns a valid mapping for the `CurrencyInfo` entity, from which the system takes the default currency ID, rate type, and rules for overriding these values. Usually these values are taken from the supplier, customer, or cash account entity. The area-specific extensions override this method.

```
return new CurySourceMapping(typeof(CashAccount))
{
    CuryID = typeof(CashAccount.curyID),
    CuryRateTypeID = typeof(CashAccount.curyRateTypeID)
};
```

- `CurrentSourceSelect()`: This method adjusts the mapping of the `CurrencyInfo` entity if the mapping of the entity is taken from multiple entities. For example, in the following code, the `AllowOverrideRate` property originates from the supplier entity while other properties come from the cash account entity.

```
protected override CurySource CurrentSourceSelect()
{
    CurySource CurySource = base.CurrentSourceSelect(); if
    (CurySource != null) CurySource.AllowOverrideRate =
    Base.vendor?.Current?.AllowOverrideRate; return CurySource;
```

- `GetDocumentMapping()`: This method returns a valid mapping for the document entity. This mapping must specify the date and business account, as shown in the following code.

```
protected override DocumentMapping GetDocumentMapping()
{
    return new DocumentMapping(typeof(APPayment))
    {
        DocumentDate = typeof(APPayment.adjDate), BAccountID =
        typeof(APPayment.vendorID)
    }
}
```

- `GetChildren()`: The method returns all views that `MultiCurrencyGraph` should process, as shown in the following code example.

```
protected override PXSelectBase[] GetChildren()
{
    return new PXSelectBase[]
    {
        Base.Document, Base.Adjustments, Base.Adjustments_Balance,
        Base.Adjustments_History, Base.Adjustments_Invoices,
        Base.Adjustments_Payments, Base.PaymentCharges,
        Base.dummy_CATran
    };
}
```

4. For each DAC of each view that has been specified in the `GetChildren()` method, ensures the following:
  - Each `CurY` field has one of the following attributes:
    - For non-database fields with the rounding precision from the currency entity, `PX.Objects.CM.Extensions.PXCurrencyAttribute`
    - For database fields with the rounding precision from the currency entity, `PX.Objects.CM.Extensions.PXDBCurrencyAttribute`
    - For non-database fields with the rounding precision from the price and cost entity, `PX.Objects.CM.Extensions.PXCurrencyPriceCostAttribute`
    - For database fields with the rounding precision from the price and cost entity, `PX.Objects.CM.Extensions.PXDBCurrencyPriceCostAttribute`
  - The `PX.Objects.CM.Extensions.PXCurrencyAttribute` and `PX.Objects.CM.Extensions.PXDBCurrencyAttribute` attributes refer to the `CurrencyInfoID` and `BaseFields` correctly.

- `PX.Objects.CM.Extensions.CurrencyInfoAttribute` is assigned to each `CurrencyInfoID` field whose value refers to the `CurrencyInfo` entity that can be inserted or updated by the graph.
- Each `Basefield` has  
`PX.Objects.CM.Extensions.PXDBBaseCuryAttribute` or  
`PX.Objects.CM.Extensions.PXBaseCuryAttribute`.

**Note:** To perform any currency-related calculations in the graph, the developer obtains the `CurrencyInfo` entity by using `GetExtension<MultiCurrency>().GetCurrencyInfo(...)` or `GetExtension<MultiCurrency>().GetDefaultCurrencyInfo()`, as well as call calculation methods, on this entity.

**Note:** To clone the `CurrencyInfo` entry, the developer can use `GetExtension<MultiCurrency>().CloneCurrencyInfo(...)`.

# Workflow

## Ability to Assign Categories and Connotations to Actions

---

In MYOB Advanced 2021 R2, for actions that are displayed on the More menu of the redesigned form toolbar, a developer can assign categories and connotations. An action that is present in the More menu can also be displayed on the form toolbar.

**Note:** During an update to MYOB Advanced 2021 R2, all custom and customised forms will be updated to display the redesigned toolbar. To cause the toolbar to be displayed correctly on custom and customised forms or to display the old version of the toolbar, before the update, a developer needs to modify these forms, as described in Upgrade Procedure: Redesigned Form Toolbar on Custom and Customised Forms in the Release Notes for Developers.

### Configuring Categories

A developer can create categories and specify the order of the categories in the More menu.

To define a new category, the developer can define it by creating a new object that can later be used to add multiple actions, or create it in an action definition.

To define a category by creating an object, the developer should do the following:

1. Call the `Categories.CreateNew` method, and provide the display name of the category. An example is shown in the following code.

```
var processSalesCategory = context.Categories.CreateNew
(ActionCategories.ProcessSalesCategoryID,
category => c.DisplayName(ActionCategories.DisplayNames.ProcessSales));
```

2. Add the category to the screen configurator by using the `WithCategories` method, as the following code shows.

```
.WithCategories(categories =>categories.Add(processSalesCategory))
```

To define a category dynamically not in the workflow code but in the graph code, a developer should specify the display name of the new category in the `PXButton` attribute.

The developer can define the order of categories by using the `PlaceAfter` and `PlaceBefore` methods in the `WithCategories` method. An example is shown in the following code.



```
.WithCategories(categories =>
{
categories.Add(processingCategory); categories.Add(intercompanyCategory);
categories.Add(printingEmailingCategory); categories.Add(otherCategory);
categories.Update(FolderType.ReportsFolder,
category => category.PlaceAfter(otherCategory));
})
```

By default, the **Actions**, **Inquiries**, and **Reports** categories are the first categories on the menu if there is at least one action in any of these categories.

## Configuring Actions in Categories

A developer can put an action into a category and order actions inside a single category by doing one of the following:

- In the action definition, specifying the display name of the category in the `Category` parameter of the `PXButton` attribute, as shown in the following example..

```
[PXButton(Tooltip = Messages.ViewXmlOfPublishedCustomizationToolTip,
Category = "Publish")]
```

- In the workflow code, specifying the object that defines the category. An example is shown in the following code.

**Note:** Actions for which a category is not defined are placed in the **Other** category and on the form toolbar.

To order actions in a category, when adding the action, the developer specifies the action after which the current action should be located in the `WithCategory` method. For example, in the following code, the `putOnHold` action will be placed after the `releaseFromHold` action.

```
actions.Add(g => g.putOnHold, c => c
.WithCategory(processingCategory, g => g.releaseFromHold))
```

## Configuring Actions On the Form Toolbar

A developer can place an action on the form toolbar of a particular form by doing one of the following:

- To duplicate an action on the toolbar for a particular state of a record defined on the form, calling the `IsDuplicateOnToolbar` method when adding an action to the state. Example is shown in the following code.

```
flowState.WithActions(actions => {
    actions.Add(g => g.putOnHold, a => a.IsDuplicatedInToolbar());})
```

- To place an action on the toolbar and remove it from the More menu, specifying `IsLockedOnToolbar = true` in the `PXButton` attribute in the action definition. Example is shown in the following code.

```
[PXButton(Tooltip = Messages.ViewXmlOfPublishedCustomizationToolTip,
    IsLockedOnToolbar = true)]
```

This property can be changed dynamically by using the `SetIsLockedOnToolbar` method in the action definition in the workflow code.

- To put an action for which a category is not defined on a form toolbar, a developer should do nothing. Actions for which a category is not defined are placed in the Other category and on the form toolbar automatically.

**Note:** An action will be displayed on the toolbar only if the action is enabled and it fits the toolbar.

## Configuring Connotations

A developer can configure a connotation for an action—that is, highlight an action with a selected colour. The connotation can be assigned once in the action declaration and dynamically for a selected workflow state.

To configure a connotation in the action declaration, in the `PXButton` attribute that defines the action, a developer should specify the `Connotation` parameter value. An example is shown in the following code.

```
[PXButton(Tooltip = Messages.ViewXmlOfPublishedCustomizationToolTip,
    IsLockedOnToolbar = true, Connotation = ActionConnotation.Success)]
```

To configure a connotation for a single workflow state, in the state definition, the developer should call the `flowState.WithConnotation` method and specify the connotation in the parameter. An example is shown in the following code.

```
flowState.WithActions(actions => {actions.Add(g => g.copyOrderQT, a =>
a.IsDuplicatedInToolbar()).WithConnotation(ActionConnotation.Success)});
```

All connotations are defined in the `ActionConnotation` enumeration. The possible values and corresponding colours are listed in the following table.

Value	Colour
Primary	Primary colour of the site theme
Secondary	Secondary colour of the site theme
Success	Green
Danger	Red
Warning	Yellow
Info	Blue
Light	Light gray
Dark	Dark gray

## Ability to Assign Field Value Before and After a Workflow Transition

---

In MYOB Advanced 2021 R2, in workflow code, a developer can now specify a list of field assignments that will be performed when a document enters the state and when a document leaves the state.

To provide a list of fields whose values should be assigned when a document enters a state, a developer should use the `flowState.WithOnEnterAssignments` method when defining the state. The field assignments listed in the method are applied to the state for which the method was called.

To provide a list of fields whose values should be assigned to a state when a document leaves a state, a developer should use the `flowState.WithOnLeaveAssignments` method when defining the state. The field assignments listed in the method are applied to the state for which the method was called.

Example of using these methods is shown in the following code.

```
flowStates.Add<State.hold>(flowState =>
{
return flowState
.WithOnEnterAssignments(fields => fields.Add<inclCustOpenOrders>(false));
.WithOnLeaveAssignments(fields => fields.Add<inclCustOpenOrders>(true));
...
})
```

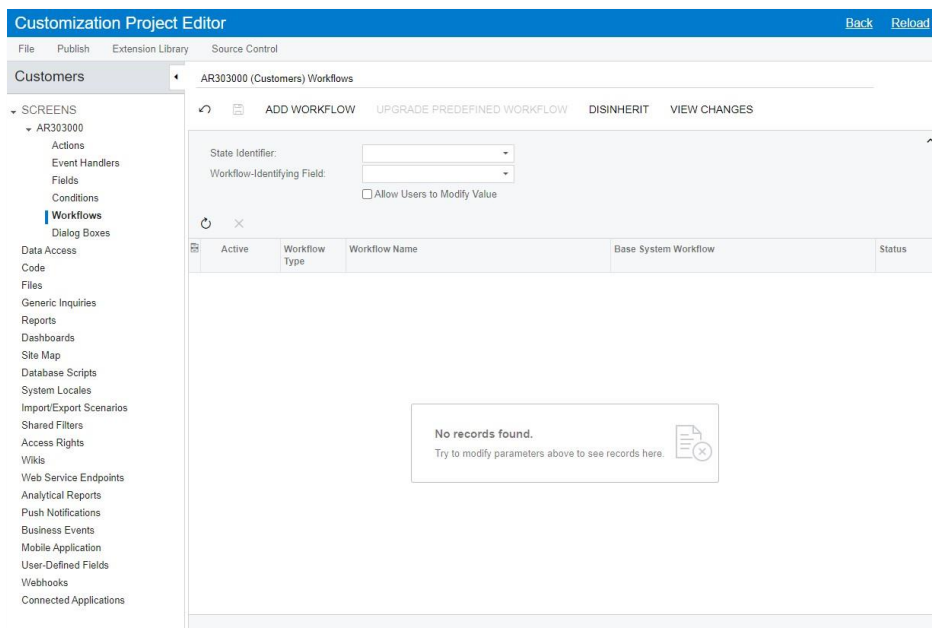
## Disabling Predefined Workflows

In MYOB Advanced 2021 R2, the predefined system workflows have been removed for the following forms in the CRM functional area:

- Business Accounts (CR303000)
- Customers (AR303000)
- Suppliers (AP303000)
- Contacts (CR302000)
- Account Locations (CR303010)
- Customer Locations (AR303020)
- Supplier Locations (AP303010)

## Changes Related to Predefined Workflows

As a result of the removal of the predefined CRM workflows, the Workflows page in the Customisation Project Editor for these forms does not contain any workflows by default, as shown in the following screenshot for the Customers (AR303000) form. On the form title bar of each of these forms, the **Customisation** menu does not contain the **Show State Diagram** command.



For the forms listed above, customisers cannot create inherited workflows; they can create only new workflows from scratch.

**Note:** If any customisations have been made based on the workflows that were introduced in MYOB Advanced 2021 R1, these customisations will not work after the upgrade. Contact the MYOB Advanced support provider for assistance with the customisation upgrade.

## Changes Related to Import Scenarios and API Integrations

Because the predefined workflows for the forms listed above have been disabled, the upgrade to MYOB Advanced 2021 R2 will also cause the following changes:

- Import scenarios will not work if they use workflow actions to set the statuses of records created on these forms.
- API integrations will not work if they use workflow actions to set the statuses of records created on these forms.

Customisers will need to replace these workflow actions with updates of the applicable **Status** elements.

## Save Changes Before an Action Is Performed

---

In MYOB Advanced 2021 R2, in workflow code, a developer can specify that changes should be persisted to the database after an action is invoked but before the actual action is performed. A developer may need this feature to save user input before a dialog box is displayed.

To specify that data should be persisted before an action is performed, a developer should call the `WithPersistOptions` method and provide the `ActionPersistOptions.PersistBeforeAction` parameter in an action definition.

By default, no changes are persisted to the database before an action is performed.

An example of an action definition with the `WithPersistOptions` method is shown in the following code. This action opens the `formClose` dialog box and saves changes to the database before the dialog box is displayed.

```
var actionClose = context.ActionDefinitions.CreateNew(_actionClose, a => a
    .MapEnableToUpdate().WithForm(formClose)
    .WithPersistOptions(ActionPersistOptions.PersistBeforeAction));
```

# Platform

## DAC Schema Browser

---

Users of MYOB Advanced do not access the database directly. Instead, they access data access classes (DACs)—that is, programming objects used to represent and provide access to a database table in the code of MYOB Advanced. These DACs are used when customisations are made to MYOB Advanced, including the design of generic inquiries and reports.

Starting in MYOB Advanced 2021 R2, customisers and users designing generic inquiries and reports can use the new MYOB Advanced DAC Schema Browser to get such information as the following about any DAC:

- Basic details about the selected DAC—for example, display name, namespace, description, and related DACs
- A table showing all fields of the selected DAC and information about each field, such as the field name, field type, description, and icons that are shown if the field is a primary key, a foreign key, or both types of keys
- Tags that indicate additional information about the type of the DAC—for example, *Obsolete*, *Hidden*, and *Projection*

For generic inquiry and report designers, all this information can be used to understand which DACs should be used in generic inquiries and reports, and how to join these DACs.

For customisers, this information can be used to do the following:

- Obtain more detailed information about a DAC than the Element Inspector provides
- Learn the dependencies between DACs
- Ascertain where the data is used and understand the origin of the field data
- Determine what fields have been added or modified by customisation projects, and find out the names of these projects

To access the DAC Schema Browser, an MYOB Advanced user should have at least one of the following predefined roles:

- Administrator
- Report Designer
- Customiser

## Opening of the DAC Schema Browser

A customiser or a designer of generic inquiries and reports can open the DAC Schema Browser by doing one of the following:

- Selecting a generic inquiry on the Generic Inquiry (SM208000) form and clicking the name of a DAC in the

**Table Name** column on the **Tables** tab. This opens the DAC Schema Browser for the selected DAC. For details, see the *Changes to the Generic Inquiry (SM208000) Form* section below.

- Opening a form and clicking **Tools > DAC Schema Browser** on the form title bar. This opens the DAC Schema Browser for the primary DAC of the current form. If a form does not have a primary DAC, the DAC Schema Browser opens with an empty page.

For details, see the *Changes to the Tools Menu on Forms* section below.

- Opening the Element Inspector for the needed element and clicking the link in the **Data Class** field. This opens the DAC Schema Browser for the selected DAC.

For details, see the *Changes in the Element Properties Dialog Box on Forms* section below.

## DAC Schema Browser Overview

The DAC Schema Browser consists of the following parts, which are shown in the following screenshot and described in detail in the following sections:

- Search field (see Item 1 in the following screenshot)
- DAC navigation menu (Item 2)
- Page title bar (Item 3)
- Main information area (Item 4)
- Summary and Remarks area (Item 5)
- List of DAC fields (Item 6)
- Incoming references (Item 7)
- Outgoing references (Item 8)

The screenshot shows the DAC Schema Browser for the 'BAccount' DAC. The interface includes a search field (1), a navigation menu (2), a page title bar (3), a main information area (4), a summary area (5), a fields table (6), an incoming references table (7), and an outgoing references table (8).

**Fields**

Name	Type	Display Name	Foreign Reference
AccID	mvarchar(30)	Account ID	
AccName	mvarchar(255)	Account Name	
AccReferenceNbr	mvarchar(50)	Ext Ref Nbr	
BAccountID	int	Account ID	
BaseCurID	mvarchar(5)	Base Currency ID	CurrencyList
CampaignSourceID	mvarchar(10)	Source Campaign	CRCampaign
CasesCount	int		

**Incoming References**

Parent Key Fields	Child DAC	Child Key Fields
BAccountID	Address	BAccountID <b>CASCADE DELETION</b>
BAccountID	AMBomOper	VendorID
BAccountID	AMCconfigurationResults	CustomerID
BAccountID	AMEstimateOper	VendorID

**Outgoing References**

Child Key Fields	Parent DAC	Parent Key Fields
DefAddressID	Address	AddressID
ParentBAccountID	BAccount	BAccountID
COrgBAccountID	BAccount	BAccountID
VOrgBAccountID	BAccount	BAccountID
DefContactID	Contact	ContactID



## Search Field and the DAC Navigation Menu

The left pane of the page contains a search field and the DAC navigation menu. In the search field, a customiser or a designer of generic inquiries or reports can search for a DAC by its name or display name. The navigation menu, which contains the list of DACs, has a tree structure in which DACs are listed below their namespaces.

## Page Title Bar

The page title bar helps a customiser or a designer of generic inquiries or reports to go to the needed sections of a page. It contains the following elements:

- DAC name
- Optional tags (such as *Customised*; see the *DAC and Field Tags* section below)
- The *Definition*, *Fields*, *Incoming References*, and *Outgoing References* links, which give the customiser or a designer of generic inquiries or reports the ability to quickly scroll to the corresponding sections on the page (which are described below)
- The *Preview Source Data* link (on the far right of the title bar), which opens a new tab with a generic inquiry form showing all the data of the selected DAC

**Note:** To open this link, a customiser or a designer of generic inquiries or reports should have access to the Generic Inquiry (SM208000) form.

## Main Information Area

The main information area contains the following elements, which may or may not be displayed depending on the type of the selected DAC:

- **Base DAC:** A link to the base data access class. This element appears only if the selected DAC is based on another DAC.
- **Display Name:** The display name of a UI element related to the selected DAC. This element appears only if a corresponding element is displayed on the UI.
- **Namespace:** The namespace of the selected DAC.
- **Primary Screens:** The links to the forms whose primary view is based on the selected DAC. This element appears only for primary DACs.
- **Customisation:** The customisation projects that modify the selected DAC and the links to the customisation packages. This element appears for only customised DACs.

## Summary and Remarks Area

This area contains a general description of the DAC and remarks about it, if this information has been specified in the XML comments in the code. If a field has been added through the publication of a customisation project, the field description from this project is added under **Summary** as a separate paragraph with the link to the customisation project.

## List of DAC Fields

The **Fields** table shows the list of all fields of the selected DAC. The fields are sorted alphabetically, except for primary keys, which are always listed at the top of the table. The table contains the following columns:

- Key icon column: A column that may contain an icon or two icons to indicate that the field is a primary key (yellow key), a foreign key (black key), or both types of keys.
- **Name:** The name of the field.

If a customiser hovers over the field name, the link icon is displayed. If the customiser clicks this icon, the system opens the field details in a dialog box that contains the following elements:

- A header with the following elements: Field name, type (*Field*), and optional tags (see the *DAC and Field Tags* section below)
- The main information area with the following elements: **Display Name**, **Parent DAC**, **Type**, **Customisation**, and a link to the foreign DAC (for a foreign key)
- A Summary area with a short field description, as specified in the XML comments in the code
- A Remarks area with additional information about the field, as specified in the XML comments in the code

**Note:** These elements may or may not be displayed, depending on the field type.

- Tag (optional): The type of the field (see the *DAC and Field Tags* section below).
- **Type:** The type of the field.
- **Display Name:** The name of the field as it is displayed in MYOB Advanced.
- **Foreign Reference:** The link to the foreign DAC if the current field is a foreign key.

### Incoming References and Outgoing References

Below the list of fields for a DAC, a DAC Schema Browser page displays the lists of incoming and outgoing references (see Items 1 and 2, respectively, in the following screenshot). Incoming references are the DACs that reference the selected DAC, and outgoing references are the DACs that the selected DAC references.

The screenshot shows the DAC Schema Browser interface. On the left is a sidebar with a search bar and a list of DACs, with 'CRCaseClass' selected. The main area is titled 'CRCaseClass DAC' and has tabs for 'Definition', 'Fields', 'Incoming References', and 'Outgoing References'. The 'Fields' tab is active, showing a table of fields with their names, types, and descriptions. Below this are two sections: 'Incoming References' (marked with a red circle '1') and 'Outgoing References' (marked with a red circle '2').

Parent Key Fields	Child DAC	Child Key Fields
CaseClassID	CRCase	CaseClassID
CaseClassID	CRCaseClassLaborMatrix	CaseClassID <b>CASCADE DELETION</b>
CaseClassID	CRClassSeverityTime	CaseClassID
CaseClassID	CRLead	ClassID
CaseClassID	CROpportunity	ClassID
CaseClassID	CRSetup	DefaultCaseClassID
CaseClassID	EMailAccount	CreateCaseClassID

Child Key Fields	Parent DAC	Parent Key Fields
DefaultEMailAccountID	EMailAccount	EmailAccountID
LabourItemID	InventoryItem	InventoryID
OvertimeItemID	InventoryItem	InventoryID
CreatedByID	Users	PKID
LastModifiedByID	Users	PKID

The table with incoming references contains the following columns:

- **Parent Key Fields:** The key field or fields of the selected DAC
- **Child DAC:** A link to the DAC that references the selected DAC
- **Child Key Fields:** The key field or fields of the child DAC

The table with outgoing references contains the following columns:

- **Child Key Fields:** The key field or fields of the DAC
- **Parent DAC:** A link to the data access class that references the selected DAC
- **Parent Key Fields:** The key field or fields of the parent DAC

## DAC and Field Tags

In the DAC Schema Browser, DACs and their fields can be marked with one tag or multiple tags; these tags are described in the following table. A tag provides additional information about the type of the DAC or field.

Tag	Description
Obsolete	A deprecated DAC or field.
Nonexistent in DB	A virtual DAC or field (for example, a filter).
Hidden	A hidden DAC or field.
Nested	A nested DAC or field.
Customisation	A DAC or field that has been added or modified through the publication of one customisation project or multiple projects.
Projection	A DAC with the <code>PXProjection</code> attribute.
Accumulator	A DAC with the <code>PXAccumulator</code> attribute.
Cascade Deletion	A field of a DAC with the <code>PXParent</code> attribute.
User-Defined	A user-defined field.
Name-Value	A field of the <code>NameValuePair</code> type that has been added through the publication of any number of customisation projects.
Default Navigation	A field of a DAC with the <code>PXSelector</code> attribute.
Row-Level Security	A DAC that contains the <code>GroupMask</code> field, and to which row-level security is applied.

## Changes to the Generic Inquiry (SM208000) Form

When a generic inquiry designer adds a table on the **Tables** tab of the Generic Inquiry (SM208000) form, the name of the table is displayed in the **Table Name** column. Starting in MYOB Advanced 2021 R2, for all predefined and custom generic inquiries in the system, the table names in the **Table Name** column are displayed as links. If the generic inquiry designer clicks a link in this column, the system opens the DAC Schema Browser in a separate browser tab with the information about the selected data access class. In the following screenshot, which shows the **Tables** tab of the Generic Inquiry form, the names of DACs are displayed as links, each of which can be clicked to view information about the DAC in the DAC Schema Browser.

The screenshot shows the 'Generic Inquiry' form with the 'TABLES' tab selected. The form configuration includes:

- \* Inquiry Title: SO-SalesOrder
- Site Map Title: Sales Orders
- Workspace: (empty)
- Category: (empty)
- Screen ID: SO3010PL
- Make Visible on the UI:
- Show Deleted Records:
- Expose via OData:
- Expose to the Mobile Application:
- Arrange Parameters in: 3 columns
- Select Top: 0 records
- Records per Page: 0
- Export Top: 0 Records
- Attach Notes To: (dropdown)

The 'TABLES' tab is active, showing a list of tables with the following columns: \* Table Name, Description, and \* Alias.

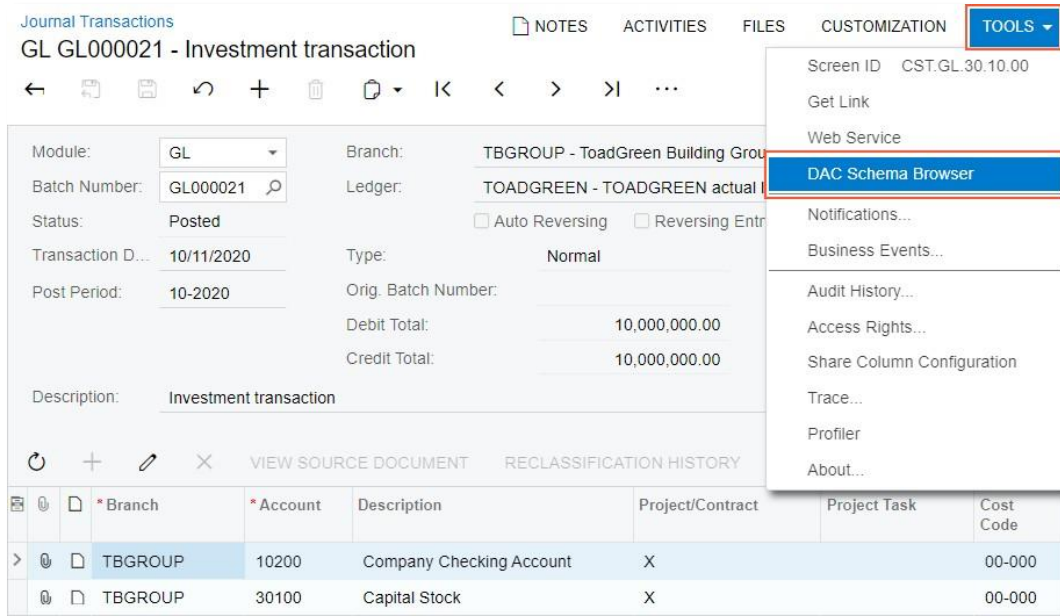
* Table Name	Description	* Alias
<a href="#">PX_Objects.AR_Customer</a>		Customer
<a href="#">PX_Objects.CR_BAccount</a>	Represents a business account used ...	BAccountR
<a href="#">PX_Objects.GL_Branch</a>	Represents a Branch of the company...	Branch
<a href="#">PX_Objects.PM_PMProject</a>	Planned set of interrelated tasks to be...	PMProject
<a href="#">PX_Objects.SO_SOOrder</a>		SOOrder

## Changes to the Tools Menu on Forms

Almost every form in MYOB Advanced, except generic inquiries and reports, has a primary DAC—that is, the DAC through which the system receives data. For example, the *Batch* DAC is the primary DAC for the Journal Transactions (GL301000) form.

Starting in MYOB Advanced 2021 R2, the **DAC Schema Browser** command has been added to the **Tools** menu on the right side of the form title bar of all forms. (This command is shown on the form only if the user account is

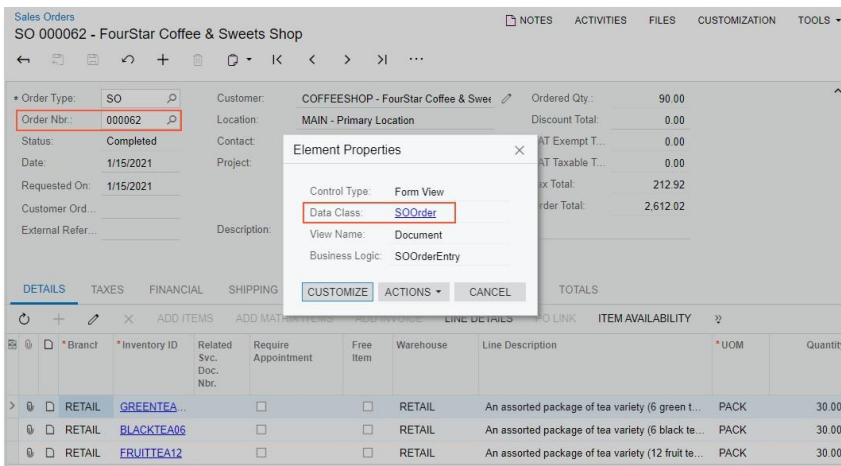
assigned any of the following roles: *Administrator, Customiser, or Report Designer.*) If a customiser clicks this option, the DAC Schema Browser opens in a separate browser tab



with the primary DAC of the form selected, or with no DAC selected if the form does not have a primary DAC. The following screenshot shows the command on the **Tools** menu of the Journal Transactions form.

### Changes in the Element Properties Dialog Box

Starting in MYOB Advanced 2021 R2, in the **Element Properties** dialog box, which opens when a customiser or a user designing generic inquiries and reports inspects UI elements on a data entry form, the name in the **Data Class** field is displayed as a link. If the user clicks this link, the system opens the DAC Schema Browser in a separate browser tab with the information about selected data access class. The following screenshot shows the **Element Properties** dialog box with a link to the DAC Schema Browser on the *SOOrder* data access class.



## Use of the DAC Schema Browser During Generic Inquiry or Report Design

To design a generic inquiry or report, a designer needs to find the appropriate DACs and build relations between these DACs. For a generic inquiry, a designer can build relations automatically by means of the **Related Tables** dialog box, which is available on the Generic Inquiry (SM208000) form. (The generic inquiry designer can also build the DAC relations manually, relying upon their own experience.) In the Report Designer, there is no feature to build DAC relations automatically, and a report designer needs to build relations manually. The DAC Schema Browser provides information on the DACs in the system and thus eases the work of the generic inquiry or report designer.

Suppose that a generic inquiry designer needs to create an inquiry that shows a list of AR invoices with detailed information about customers and the branch related to each AR invoice. The designer needs to select the correct DACs for this inquiry and specify the correct fields to link these DACs. The designer opens the Invoices and Memos (AR301000) form and invokes the **Element Properties** dialog box for the Summary area of the form. In the **Element Properties** dialog box, the designer clicks the *ARInvoice* link, and the system opens the DAC Schema Browser (see the following screenshot) in a separate browser tab.

The screenshot displays the DAC Schema Browser for the **ARInvoice** DAC. The left sidebar lists various DACs, with **ARInvoice** selected. The main area shows the following details:

- Base DAC:** ARRegister
- Display Name:** AR Invoice/Memo
- Namespace:** PX.Objects.AR
- Primary Screens:** Invoices and Memos (AR301000), Payments and Applications (AR302000), Cash Sales (AR304000), Invoices (SO303000)
- Customization:** ARInvoiceExt (PX.Objects.dll), FSxARInvoice (PX.Objects.FS.dll)

The **Summary** section states: "Represents the Accounts Receivable invoices, credit and debit memos, overdue charges and credit write-offs as well as the invoices created in the Sales Orders module (see SOInvoice). The records of this type are created and edited through the Invoices and Memos (AR.30.10.00) screen (corresponds to the ARInvoiceEntry graph). The SO Invoices are created and edited through the Invoices (SO.30.30.00) screen (corresponds to the SOInvoiceEntry graph)."

The **Fields** table is as follows:

Name	Type	Display Name	Foreign Reference
DocType	char(3)	Type	
RefNbr	nvarchar(15)	Reference Nbr.	ARRegister
AdjCntr	int		
ApplicationBalance	decimal		NONEXISTENT IN DB
ApplyOverdueCharge	bit	Apply Overdue Charges	
ApplyPaymentWhenTaxAvailable	bit		NONEXISTENT IN DB

In the DAC Schema Browser, in the **Name** column of the **Fields** table, the generic inquiry designer looks for the key fields of the *ARInvoice* DAC and finds that *BranchID* and *CustomerID* are foreign keys. In the rows with the key fields, the designer looks for the DACs specified in the **Foreign Reference** column and opens the DAC Schema Browser to explore these DACs—that is, *Branch*, *BAccount*, and *Customer*. Further suppose that after inspecting the Customers (AR303000) form, the designer concludes that it is the Customer, but not *BAccount*, DAC that must be used for the generic inquiry. Thus, for the generic inquiry, the following DACs are necessary: *ARInvoice*, *Customer*, and *Branch*; the designer adds these DACs on the **Tables** tab of the Generic Inquiry form. Then in the **Outgoing References** table, the designer determines that the following relations should be used for the selected DACs:

## Platform

- ARInvoice and Branch: ARInvoice.BranchID = Branch.BranchID
- ARInvoice and Customer: ARInvoice.CusomerID = Customer.BAccountID

The designer now needs to specify these relations on the **Relations** tab of the Generic Inquiry form.

# System Administration

## Improved Tracking of ERP Transactions

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In MYOB Advanced, an administrative user monitors the monthly number of ERP transactions on the License Monitoring Console (SM604000) form. An ERP transaction is any transaction in the system that is conducted when a user changes an entity: for example, when a user clicks **Save** on any MYOB Advanced form or initiates mass processing of documents. The system counts each entity change as a separate ERP transaction.

In MYOB Advanced 2021 R2 an administrative user can review the details of each ERP transaction (the involved forms user action, and document) to understand what user action resulted in the transaction.

## Viewing the Details of ERP Transactions

---

On the Statistics tab of the License Monitoring Console (SM604000) form, an administrative user can review detailed statistics of system resource use by month and by day—in particular, the current number of ERP transactions in the ERP Transactions (% of Limit) column. When the user clicks the link in the column for a day or month, the system opens the Transaction Details dialog box.

In MYOB Advanced 2021 R2 the new Document Details tab has been added to the dialog box. The upper table displays the number of transactions generated by the user action that occurred at particular day and time on a form (see Item 1 in the following screenshot). The lower table displays the list of documents affected by the transactions in the row selected in the upper table (Item 2).



# System Administration

License Monitoring Console CUSTOMIZATION TOOLS ▾

LICENSE **STATISTICS** WARNINGS CONSTRAINT HISTORY

Month Commercial Transactions (% of Limit) ERP Transactions (% of Limit)

> 08-2021 1.0% 29.0%

Transaction Details

Period Type: Monthly ▾ From: 8/3/2021 ▾

Transaction Type: ERP ▾ To: 8/3/2021 ▾

STATISTICS PER SCREEN DOCUMENT DETAILS

Registered At (UTC)	* Screen ID	Action	Action Type	Number of Transactions
8/2/2021 1:57:19 PM	SM200550	Save	UI	1
8/1/2021 5:01:59 PM	AP303000	Save	UI	1
8/1/2021 3:58:38 PM	CS101500	Save	UI	3
8/1/2021 3:49:06 PM	CS101500	Save	UI	1
8/1/2021 12:13:58 PM	CA306000	ProcessMatched	UI	5

Documents: Source of Transactions

Document Type	* Document Link
CS.BranchMaint+BranchBAccount	<a href="#">MHEAD</a>
CS.BranchMaint+BranchBAccount	<a href="#">MRETAIL</a>
CS.DAC.OrganizationBAccount	<a href="#">MUFFINS</a>

OK > >|

# Upgrade Procedure

## Customisations and Integrations

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Multiple changes have been made since MYOB Advanced 2021 R1 Update 11 (Build 21.111.0019) that may affect reports, customisations, and integrations that have been implemented by developers for prior versions of MYOB Advanced. The complete list of these changes is provided in Reference List of Changes. The following sections describe additional recommendations about the possible approaches that a developer can use to prevent issues with the implemented solutions.

To prevent breaking changes in the customisations, the developer should do the following:

1. Analyse the customisation projects.
2. Carefully read the list of breaking changes in Reference List of Changes.
3. Replace the changed objects with their alternatives.
4. If the objects used in the customisation projects have been removed and no alternatives have been provided, consider creating new customisation projects.

Before an upgrade to MYOB Advanced 2021 R2, to detect the changes that break existing customisation projects, the developer can check the compatibility of the code included in all published customisation projects with the new code of MYOB Advanced.

**Note:** The validation that detects breaking changes is turned on by default in MYOB Advanced 2021 R2. If any errors occur during the validation, the developer can refer to [To Resolve an Issue Discovered During the Validation in the Customisation Guide](#).

## Update of the Search Index

During the upgrade, the search index may become outdated. To update the search index, a system administrator needs to rebuild the entity index after the database upgrade by doing the following:

1. Opening the Rebuild Full-Text Entity Index (SM209500) form.
2. On the form toolbar, clicking **Process All**.

This process rebuilds the content of the DACs available for search and stores it in the specific form prepared for search queries in the `SearchIndex` database table.

## Deprecation of the Legacy WMS Engine

In MYOB Advanced 2022 R1, the Legacy WMS Engine will be deprecated.

## Changes Related to the New SO Automation Behavior

On the Order Types (SO201000) form, the *Transfer Order* automation behavior was implemented and added to the **Automation Behavior** drop-down list on the **Template** tab. Therefore, a developer may need to adjust the customisation code as follows:

- Add the `Behavior = TR` condition if it is necessary to list all orders of shippable types
- Replace the `OrderType = TR` condition with the `Behavior = TR` condition
- Modify the default workflow of the `TR` order type if the developer needs to modify the behavior of `TR` orders

## Redesigned Form Toolbar on Custom and Customised Forms

---

MYOB Advanced 2021 R2 introduces a redesigned form toolbar. This toolbar includes all menu commands (except the standard commands) on the More menu and groups commands by categories on this menu.

The redesigned toolbar is displayed for all forms automatically. However, for custom and customised forms, a developer needs to perform the following modifications before the upgrade to make the toolbar be displayed correctly:

1. Update the ASPX code of custom and customised forms, and move button properties from ASPX to the code of the corresponding graph, as described in Changes to ASPX and the Graph below.
2. Optional: Organise commands on the new toolbar of custom and customised forms in categories and assign them connotations.
3. Make sure that all commands are displayed as expected on the form.

### Changes to ASPX and the Graph

The developer should remove `PXDSCallbackCommand` elements from the ASPX code of custom and customised forms. If `PXDSCallbackCommand` elements had particular properties specified, the developer may need to modify the code of the corresponding graph. The following table specifies the modifications that should be done in the code of the graph and in ASPX when the ASPX properties are removed.

Property in ASPX	Changes in the Graph and ASPX
Com- mitChanges="True"	<ul style="list-style-type: none"> <li>• ASPX: The developer removes the property, along with the <code>PXDSCallbackCommand</code> element.</li> <li>• Graph: The developer needs to change nothing in the code of the graph because now the <code>PXButton</code> attribute has the <code>CommitChanges</code> property set to <code>true</code> by default.</li> </ul> <p>If the default behavior should be changed, the developer sets the <code>Com- mitChanges</code> property of the <code>PXButton</code> attribute of the action.</p>
Visible="False"	<ul style="list-style-type: none"> <li>• ASPX: The developer removes the property, along with the <code>PXDSCallbackCommand</code> element.</li> <li>• Graph: If the action is used on a toolbar of <code>PXSmartPanel</code> or a tab, it is not displayed on the new form toolbar. Other actions are displayed on the new toolbar by default.</li> <li>• If the default behavior is not suitable for a customised or custom form, the developer specifies the value of the <code>DisplayOnMainToolbar</code> property of the <code>PXButton</code> attribute.</li> </ul>

## Upgrade Procedure

DependOnGrid="..."	<p>ASPX: The developer removes the property, along with the <code>PXDSCallbackCommand</code> element, and set <code>SyncPosition="True"</code> for the corresponding grid.</p> <ul style="list-style-type: none"><li>• However, if the availability of the action depends on a Boolean column of the grid, the <code>PXDSCallbackCommand</code> element, along with the property, should remain in ASPX.</li></ul>
PopupCommand="..."	<ul style="list-style-type: none"><li>• ASPX: The developer removes the property, along with the <code>PXDSCallbackCommand</code> element.</li></ul> <p>Graph: The developer uses <code>OnClosingPopup</code> of the <code>PXButton</code> attribute instead. For example, <code>PopupCommand="Cancel"</code> is replaced with <code>OnClosingPopup=PXSpecialButtonType.Cancel;PopupCommand="SyncPaymentTransaction"</code>, where <code>SyncPaymentTransaction</code> is a custom action, is replaced with <code>OnClosingPopup=nameof(syncPaymentTransaction)</code>.</p>
StartNewGroup="True"	<ul style="list-style-type: none"><li>• ASPX: The property does not affect the new toolbar. The developer removes the property along with the <code>PXDSCallbackCommand</code> element.</li></ul>
RepaintControls="All"	<ul style="list-style-type: none"><li>• ASPX: <i>All</i> is the default value of this property. The developer removes the property along with the <code>PXDSCallbackCommand</code> element.</li></ul>

**Note:** If the developer cannot find the replacement for a property of the `PXDSCallbackCommand` element, the `PXDSCallbackCommand` element can be left in ASPX.

**Note:** If the developer needs to use the old version of the toolbar, the developer sets the `QPToolbar` property of `PXDataSource` to `False` in ASPX.

### Changes to the Integrations that Use OAuth 2.0 or OpenID Connect

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MYOB Advanced 2021 R2 has been upgraded to IdentityServer4, which is an OAuth 2.0 and OpenID Connect framework for ASP.NET Core. For the integrated applications that use OAuth 2.0 or OpenID Connect, a developer needs to take into account the following changes:

- The `identityServer:enable` key of `web.config` is no longer supported. If the `identityServer:enable` key is set to `False`, an error will be thrown when MYOB Advanced starts and the application will be stopped.
- IdentityServer4 does not verify whether the system is deployed on HTTPS or HTTP. The `identityServer:allowHttp` key is removed from `web.config`. If the key is set to `True`, the system logs a warning, if it is set to `False`, the system throws an error and halt.
- In previous versions, if for an application, a user cleared the **Active** check box on the Connected Applications (SM303010) form, the system revoked the access to MYOB Advanced of the application. Therefore, if for this application, the user selected the **Active** check box once again, the application had to request access to MYOB Advanced so that the system reissued the access tokens. In MYOB Advanced 2021 R2, access tokens are retained in the MYOB Advanced database after the **Active** check box is cleared. Therefore, if the access tokens are not expired by the time the **Active** check box is selected once again, the application has access to the system with these tokens.
- For the applications that use the authorisation code flow or resource owner password credentials flow, the users will need to sign in to MYOB Advanced to receive new refresh tokens for these applications.

### Integrated Card Processing Feature

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In MYOB Advanced 2021 R2, the new *Integrated Card Processing* feature has been introduced on the Enable/Disable Features (CS100000) form. If this feature is disabled, none of the UI elements and forms related to credit card processing are displayed in the system.

After an upgrade to MYOB Advanced 2021 R2 from a previous version, the *Integrated Card Processing* feature will be enabled on the Enable/Disable Features form; therefore, all the UI elements and forms related to credit card processing will be displayed in the system, as was the case in previous versions of MYOB Advanced.

For any customisation of the UI elements and forms related to credit card processing, we recommend that developers update the code so that this code makes sure that the *Integrated Card Processing* feature is enabled. For example, by using the `IsActive` property of the graph or DAC extension, a developer can make the extension active only if the feature is enabled, as shown in the following sample code.

```
using PX.Objects.CS;

public class SOOrderEntryExt : PXGraphExtension<SOOrderEntry>
{
    ...
    public static bool IsActive() =>
        PXAccess.FeatureInstalled<FeaturesSet.integratedCardProcessing>();
}
```

# Reference List of Changes

## Screen API Changes

### Organisation

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This section lists the fields, actions, and containers that have been renamed on the organisation forms or removed from these forms.

#### Renamed Fields, Actions, and Containers

Screen	Old Name	New Name
All Emails (CO409070)	ClassIcon	CRActivityClassIcon
Marketing Campaigns (CR202000)	Opportunities.Estimation	Opportunities.EstimatedCloseDate
Campaign Invoices (CR203000)	Result.ClosingDate	Result.ActualCloseDate
Campaign Sales Orders (CR203010)	Result.ClosingDate	Result.ActualCloseDate
Opportunity Classes (CR209000)	OpportunityClassSummary.ShowContactActivities DetailsEmailSettings	DetailsActivitySettings.ShowLeadActivities DetailsActivitySettings

## Screen API Changes

Screen	Old Name	New Name
Leads (CR301000)	Opportunities.Estimation NewContactUserDefinedFields.AttributeID NewContactUserDefinedFields.Description NewContactUserDefinedFields.NoteText	Opportunities.EstimatedCloseDate DisplayName NameDisplayName Value
Contacts (CR302000)	Opportunities.Estimation	Opportunities.EstimatedCloseDate
Business Accounts (CR303000)	Opportunities.Estimation NewContactUserDefinedFields.AttributeID NewContactUserDefinedFields.Description NewContactUserDefinedFields.NoteText ExtendToVendorAction ViewVendorAction ChangeIDAction ValidateAddressesAction CreateContactAction CreateLeadAction CheckForDuplicatesAction MarkAsValidatedAction CloseAsDuplicateAction	Opportunities.EstimatedCloseDate DisplayName NameDisplayName Value ExtendToVendorRecordCreation ViewVendorOther ChangeIDOther ValidateAddressesValidation CreateContactRecordCreation CreateLeadRecordCreation CheckForDuplicatesValidation MarkAsValidatedValidation CloseAsDuplicateValidation
Account Locations (CR303010)	Opportunities.Estimation ValidateAddressesMenuAction	Opportunities.EstimatedCloseDate ValidateAddressesCustomOther



## Screen API Changes

Screen	Old Name	New Name
Opportunities (CR304000)	Won Lost WonActionsFolder LostActionsFolder Details.Details OpportunitySummary.Estimation Details DetailsCRM DetailsForecasting DetailsSource DetailsAdditionalDetails DetailsForecastingProbability DetailsCRMAcrivityStatistics ContactInfo ContactInfoContactInformation ContactInfoPersonalDataPrivacy ContactInfoAddress ShippingInfo ShippingInfoShipToContact ShippingInfoShipToAddress DocumentDetails TaxDetails CreateNewQuoteServicesSettings DiscountDetails CreateServiceOrder CreateServiceOrderActionsFolder CreateQuoteActionsFolder CreateSrvOrdDocumentActionsFolder CreateApptDocumentActionsFolder Opportunities.Estimation NewContactUserDefinedFields.AttributeID NewContactUserDefinedFields.Description NewContactUserDefinedFields.NoteText	CloseAsWon CloseAsLost CloseAsWonActionsFolder CloseAsLostActionsFolder CRMInfo.Details OpportunitySummary.EstimatedCloseDate CRMInfo CRMInfoCRM CRMInfoForecasting CRMInfoSource CRMInfoAdditionalDetails CRMInfoForecastingProbability CRMInfoActivitiesActivityStatistics Contact ContactContact ContactPersonalDataPrivacy ContactAddress Shipping ShippingShipToContact ShippingShipToAddress Details Taxes CreateQuoteServiceSettings Discounts CreateSrvOrdDocument CreateSrvOrdDocumentActionsFolder CreateQuoteRecordCreation CreateSrvOrdDocumentServices CreateApptDocumentServices Opportunities.EstimatedCloseDate DisplayName NameDisplayName Value
Opportunities BI (CR3040BI)	Result.CompanyName Result.AccountName Result.Estimation Result.ClosingDate	Result.AccountNameCRContactFullName Result.EstimatedCloseDate Result.ActualCloseDate Result.AccountNameBAccountAcctName

## Screen API Changes

Screen	Old Name	New Name
Opportunities (CR3040PL)	Result.CompanyName Result.EstimatedCloseDate Result.ClosingDate Result.AccountName	Result.AccountNameCRContactFullName Result.EstimatedCloseDate Result.ActualCloseDate Result.AccountNameBAccountAcctName
Legacy Opportunities (CR3040P9)	Result.Estimation	Result.EstimatedCloseDate
Customer Opportunities (CR3040SP)	Result.Estimation	Result.EstimatedCloseDate
All Opportunities (CR3041SP)	Result.Estimation	Result.EstimatedCloseDate
Opportunity Products (CR3042BI)	Result.CompanyName Result.Estimation Result.ClosingDate Result.AccountName	Result.AccountNameCRContactFullName Result.EstimatedCloseDate Result.ActualCloseDate Result.AccountNameBAccountAcctName

## Screen API Changes

Screen	Old Name	New Name
Sales Quotes (CR304500)	CopyQuoteActionsFolder SendQuoteActionsFolder PrintQuoteActionsFolder ValidateAddressesActionsFolder GraphRecalculateDiscountsActionActionsFolder ApproveActionsFolder RejectActionsFolder Details.Override ShippingInfo ShippingInfoShipToContact ShippingInfoShipToAddress DetailsFinancialDetails DetailsContactInformation DetailsAddress DocumentDetails TaxDetails DiscountDetail CreateNewInvoiceServicesSettings PrimaryQuoteAction PrintQuoteAction CopyQuoteAction GraphRecalculateDiscountsActionAction ValidateAddressesAction CreateSalesOrderAction CreateInvoiceAction RequestApprovalAction ApproveAction RejectAction	CopyQuoteAction SendQuoteAction PrintQuoteActio ValidateAddressesAction GraphRecalculateDiscountsActionAction ApproveAction RejectAction Contact.Override Shipping ShippingShipToContact ShippingShipToAddress FinancialFinancialSettings ContactContact ContactAddress Details Taxes Discounts CreateInvoiceServicesSettings PrimaryQuoteOther PrintQuoteOther CopyQuoteOther GraphRecalculateDiscountsActionOther ValidateAddressesOther CreateSalesOrderRecordCreation CreateInvoiceRecordCreation RequestApprovalApproval ApproveApproval RejectApproval
Sales Quotes (CR3045PL)	Result.CompanyName Result.AccountName Result.PaymentTerms	Result.AccountNameCRContactFullName Result.AccountNameBAccountAcctName Result.CreditTerms
All Quotes (CR3046PL)	Result.CompanyName Result.AccountName Result.PaymentTerms	Result.AccountNameCRContactFullName Result.AccountNameBAccountAcctName Result.CreditTerms
Cases (CR306000)	CreateServiceOrderAction OpenAppointmentBoardAction ViewServiceOrderInquiry	CreateServiceOrder OpenAppointmentBoard ViewServiceOrder

## Screen API Changes

Screen	Old Name	New Name
Assign Opportunities (CR503110)	MatchingRecords.Estimation	MatchingRecords.EstimatedCloseDate
Update Opportunities (CR503120)	MatchingRecords.Estimation	MatchingRecords.EstimatedCloseDate
Expense Receipt (EP301020)	ReceiptDetails	Details
Customer Account (SP408032)	NewContactUserDefinedFields.AttributeID NewContactUserDefinedFields.Description NewContactUserDefinedFields.NoteText	DisplayName NameDisplayName Value

## Removed Fields, Actions, and Containers

Screen	Name	Comment
Opportunity Classes (CR209000)	DetailsDataEntrySettings.CashDiscountAccount DetailsDataEntrySettings.CashDiscountSub	
Contacts (CR302000)	Activate Deactivate ActivateAction DeactivateAction ShowWorkflow	The actions have been removed because of CRM: Removal of Workflows for Business Accounts, Customers, Suppliers, Locations, and Contacts.
Business Accounts (CR303000)	Activate PutOnHold PutOnCreditHold RemoveCreditHold Deactivate SetAsOneTime SetAsRegular ActivateAction PutOnHoldAction PutOnCreditHoldAction RemoveCreditHoldAction DeactivateAction SetAsOneTimeAction SetAsRegularAction ShowWorkflow	The actions have been removed because of CRM: Removal of Workflows for Business Accounts, Customers, Suppliers, Locations, and Contacts.

## Screen API Changes

	Contracts.Location	
Account Locations (CR303010)	Activate Deactivate ShowWorkflow ActivateLocationManagement DeactivateLocationManagement	The actions have been removed because of CRM: Removal of Workflows for Business Accounts, Customers, Suppliers, Locations, and Contacts.
Opportunities (CR304000)	SubmitQuote EditQuote SubmitQuoteActionsFolder EditQuoteActionsFolder SendQuote PrintQuote	These actions should be called from the Sales Quotes (CR304500) form.
	ViewOrder ViewInvoice	The actions are removed. They were hidden and not used previously.
	Orders Invoices	All data is now showed on the Relations tab.
	OpenFromNewActionsFolder CloseAsWonActionsFolder CloseAsLostActionsFolder	
Sales Quotes (CR304500)	Submit	Use MarkAsConverted, Decline, or Accept actions instead.
	SendQuoteAction EditQuoteAction MarkAsConvertedAction DeclineAction AcceptAction	
Enable/Disable Features (CS100000)	GeneralSettings_.TimeReportingOnActivity	
Update Business Accounts (CR503320)	Selection	
Customer Account (SP408032)	NewContactUserDefinedFields.AttributeID NewContactUserDefinedFields.Description NewContactUserDefinedFields.NoteText	
Contact (SP408041)	Activate Deactivate	The actions have been removed because of CRM: Removal of Workflows for Business Accounts, Customers, Suppliers, Locations, and Contacts.
Customer Contact	Activate Deactivate	The actions have been removed because of CRM:

## Screen API Changes

(SP408042)		Removal of Workflows for Business Accounts, Customers, Suppliers, Locations, and Contacts.
User Profile (SP408045)	Activate Deactivate	The actions have been removed because of CRM: Removal of Workflows for Business Accounts, Customers, Suppliers, Locations, and Contacts.

## Inventory and Order Management

This section lists the fields, actions, and containers that have been renamed on the inventory and order management forms or removed from these forms.

### Renamed Fields, Actions, and Containers

All the toolbar actions on SO, PO, IN, and RQ forms, and the Sales Order (SP700002) form of the Self-Service Portal have been renamed and rearranged, which might affect integrations that are using actions via screen-based API or integration scenarios. Such integrations should be updated to use new action names.

Form	Old name	New Name
Inventory Preferences (IN101000)	GeneralSettingsNumberingSettings GeneralSettingsInventoryOptions GeneralSettingsAccountSettings GeneralSettingsPostingSettings GeneralSettingsDataEntrySettings GeneralSettingsDefaultReasonCodes GeneralSettingsPhysicalInventorySettings ReportingSettingsDefaultSources	GeneralNumberingSettings GeneralInventoryOptions GeneralAccountSettings GeneralPostingSettings GeneralDataEntrySettings GeneralDefaultReasonCodes GeneralPhysicalInventorySettings MailingPrintingDefaultSources
Item Classes (IN201000)	GeneralSettingsGeneralSettings GeneralSettingsInternationalShipping GeneralSettingsShippingThresholds GeneralSettingsUnitOfMeasure GeneralSettingsPriceManagement ReplenishmentSettingsDemandCalculation GeneralSettingsUnitOfMeasureConversions ReplenishmentSettings	GeneralGeneralSettings GeneralInternationalShipping GeneralShippingThresholds GeneralUnitOfMeasure GeneralPriceManagement ReplenishmentDemandCalculation GeneralUnitOfMeasureConversions Replenishment
Non-Stock Items (IN202000)	GLAccountsPayrollSettings	GLAccountsPayrollValues

## Screen API Changes

Posting Classes (IN206000)	PostingSettings GLAccountsPayrollSettings	General GLAccountsPayrollValues
Purchase Orders Preferences (PO101000)	GeneralSettingsPurchaseOrderNumberingSettings GeneralSettingsValidateTotalOnEntry GeneralSettingsPurchasePriceVarianceAllocation GeneralSettingsThreeWayMatchValidation GeneralSettingsOther ReportingSettingsDefaultSources ReportingSettingsDefaultRecipients	GeneralPurchaseOrderNumberingSettings GeneralValidateTotalOnEntry GeneralPurchasePriceVarianceAllocation GeneralThreeWayMatchValidation GeneralOther MailingPrintingDefaultSources MailingPrintingDefaultRecipients
Purchase Requisitions Preferences (RQ101000)	GeneralSettingsRequestSettings GeneralSettingsRequisitionSettings GeneralSettingsOtherSettings ReportingSettingsDefaultSources ReportingSettingsDefaultRecipients	GeneralRequestSettings GeneralRequisitionSettings GeneralOtherSettings MailingPrintingDefaultSources MailingPrintingDefaultRecipients
Request Classes (RQ201000)	RequestClassItemList	ItemsList
Sales Orders Preferences (SO101000)	GeneralSettingsDataEntrySettings GeneralSettingsPriceSettings GeneralSettingsFreightCalculationSettings GeneralSettingsShipmentSettings GeneralSettingsInvoiceSettings GeneralSettingsPostingSettings GeneralSettingsSalesProfitabilitySettings GeneralSettingsIntercompanyOrderSettings GeneralSettingsRelatedItemSettings ReportingSettingsDefaultSources ReportingSettingsDefaultRecipients	GeneralDataEntrySettings GeneralPriceSettings GeneralFreightCalculationSettings GeneralShipmentSettings GeneralInvoiceSettings GeneralPostingSettings GeneralSalesProfitabilitySettings GeneralIntercompanyOrderSettings GeneralRelatedItemSettings MailingPrintingDefaultSources MailingPrintingDefaultRecipients



## Screen API Changes

Order Types (SO201000)	GeneralSettingsOrderSettings GeneralSettingsAccountsReceivableSettings GeneralSettingsPostingSettings GeneralSettingsIntercompanyPostingSettings GeneralSettingsFieldServicesSettings GeneralSettingsManufacturingSettings TemplateSettings QuickProcessSettings QuickProcessSettingsShipping QuickProcessSettingsInvoicing QuickProcessSettingsPrintingSettings TemplateSettingsOperations	GeneralOrderSettings GeneralAccountsReceivableSettings GeneralPostingSettings GeneralIntercompanyPostingSettings GeneralFieldServicesSettings GeneralManufacturingSettings Template QuickProcess QuickProcessShipping QuickProcessInvoicing QuickProcessPrintingSettings TemplateOperations
Invoices (SO303000)	ApplicationsApplicationCreditMemo.CuryAdjgAmt	ApplicationsApplicationCreditMemo.AmountPaid

### Removed Fields, Actions, and Containers

Form	Name
Shipments (SO302000 )	ShippingShippingInformation.BillingRefD HL

## Finance

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This section lists the fields, actions, and containers that have been renamed on the finance forms or removed from these forms.

### Renamed Fields, Actions, and Containers

All actions with 'Action', 'Actionsfolder', 'ActionsMenu', 'MenuAction', 'Inquiry' and 'Report' suffixes were renamed to the same name, but without suffix. For example,

- ReleaseAction > Release
- CreateScheduleAction > CreateSchedule
- CustomerStatementReport > CustomerStatement
- StatementForCustomerInquiry > StatementForCustomer
- CreateInvoiceActionsfolder > CreateInvoice

Form	Old Name	New Name
Accounts Payable Preferences (AP101000)	GeneralSettings PriceDiscountSettings Reporting Settings	General Pricing Reporting
Supplier Classes (AP201000)	GeneralSettings	General
Bills and Adjustments (AP301000)	DocumentDetails FinancialDetails TaxDetails ApprovalDetails DiscountDetails	Details Financial Taxes Approvals Discounts

## Screen API Changes

Cheques and Payments (AP302000)	OrdersToApply FinancialDetails ApprovalDetails RemittanceInformation FinanceCharges	Orders Financial Approvals Remittance Charges
Suppliers (AP303000)	CreateContactAction NewContactUserDefinedFields.AttributelD NewContactUserDefinedFields.Description	CreateContact DisplayName NameDisplayName
	NewContactUserDefinedFields.NoteText TaxAgencySettings	Value TaxAgency
Supplier Locations (AP303010)	ValidateAddressesMenuAction	ValidateAddressesCustomOther
Quick Cheques (AP304000)	DocumentDetails FinancialDetails TaxDetails ApprovalDetails RemittanceInformation FinanceCharges	Details Financial Taxes Approvals Remittance Finance
Release AP Retainage (AP510000)	Selection.Branch	Selection.CompanyBranch
Accounts Receivable Preferences (AR101000)	GeneralSettings PriceDiscountSettings DunningSettings ReportingSettings GeneralConsolidationSettings.ConsolidateStatementsForAllBranches	General Pricing Dunning Reporting GeneralConsolidationSettings.PrepareStatements

## Screen API Changes

Customer Classes (AR201000)	GeneralSettings	General
Invoices and Memos (AR301000)	DocumentDetails FinancialDetails AddressDetails TaxDetails SalespersonCommission ApprovalDetails DiscountDetails MarkAsDoNotEmailAction	Details Financial Addresses Taxes Commissions Approvals Discounts MarkAsDoNotEmail
Payments and Applications (AR302000)	OrdersToApply ServiceOrdersToApply FinancialDetails ApprovalDetails CreditCardProcessingInfo FinanceCharges	SalesOrders ServiceOrders Financial Approvals CardProcessing Charges
Customers (AR303000)	CreateContactAction NewContactUserDefinedFields.AttributeID NewContactUserDefinedFields.Description NewContactUserDefinedFields.NoteText	CreateContact DisplayName NameDisplayName Value
Cash Sales (AR304000)	DocumentDetails FinancialDetails AddressDetails TaxDetails ApprovalDetails SalespersonCommission FinanceCharges CreditCardProcessingInfo	Details Financial Addresses Taxes Approvals Commissions Charges CardProcessing

## Screen API Changes

Customer Statement History (AR404600)	Selection.Branch	Selection.CompanyBranch
Release AR Retainage (AR510000)	Selection.Branch	Selection.CompanyBranch
Cash Accounts (CA202000)	EntryTypes.IsDefault	Default
Companies (CS101500)	ChangeIDActionsMenu	ChangeID
Branches (CS102000)	ChangeIDActionsMenu	ChangeID
Company Groups (CS102500)	ChangeIDActionsMenu	ChangeID
Contract Items (CT201000)	UsedInContractTemplates	ContractTemplates
Contract Usage (CT303000)	UnbilledTransactions TransactionHistory	Unbilled Billed
Expense Claim (EP301000)	EpxenseClaimDetails TaxDetails FinancialDetails ApprovalDetails	Details Taxes Financial Approvals
Expense Receipt (EP301020)	ReceiptDetails TaxDetails	Details Taxes
Tax Bills and Adjustments (FA201000)	GeneralSettings DepreciationSettings	General Depreciation

## Screen API Changes

Fixed Assets (FA303000)	GeneralSettings PurchaseTangibleInfo DepreciationHistory LocationHistory TransactionHistory	General OtherInfo Depreciation Locations Transactions
Dispose Assets (FA505000)	DepreciateBeforeDisposal	BeforeDisposal
Tax Adjustments (TX301000):	DocumentDetails FinancialDetails	Details Financial
Tax Bills and Adjustments (TX303000)	FinancialDetails	Financial
Recognise Output VAT (TX503000)	Filter_.Branch	Filter_.CompanyBranch
Recognise Input VAT (TX503500)	Filter_.Branch	Filter_.CompanyBranch

## Removed Fields, Actions, and Containers

Form	Name	Comment
Suppliers on Payment Hold (AP0010DB)	Status	
Incoming Documents (AP301100)	AlternatelD.Amount	
Suppliers (AP303000)	Activate	The actions have been removed because of CRM: Removal of Workflows for Business Accounts, Customers, Suppliers, Locations, and Contacts.
	PutOnHold	
	HoldPayments	
	Deactivate	
	SetAsOneTime	
	SetAsRegular	
	ShowWorkflow	
	ActivateVendorManagement	
	PutOnHoldVendorManagement	
	HoldPaymentsVendorManagement	
	DeactivateVendorManagement	
	SetAsOneTimeVendorManagement	
	SetAsRegularVendorManagement	
Supplier	ActivateLocationManagement	

## Screen API Changes

Business Accounts, Customers, Suppliers, Locations, and Contacts.		
Locations	DeactivateLocationManagement	
(AP303010)	Activate	
	Deactivate	
	ValidateAddressesMenuAction	
	ShowWorkflow	
Customer	Activate	The actions have been removed because of CRM: Removal of Workflows for Business Accounts, Customers, Suppliers, Locations, and Contacts.
Locations	Deactivate	
(AR303020)	ShowWorkflow	
	ActivateLocationManagement	
	DeactivateLocationManagement	



Customers (AR303000)	PutOnHold PutOnCreditHold RemoveCreditHold Deactivate SetAsOneTime SetAsRegular ShowWorkflow ActivateCustomerManagementID PutOnHoldCustomerManagementID RemoveCreditHoldCustomerManagementID PutOnCreditHoldCustomerManagementID DeactivateCustomerManagementID SetAsOneTimeCustomerManagementID SetAsRegularCustomerManagementID ViewBusinessAccountOtherID	The actions have been removed because of CRM: Removal of Workflows for Business Accounts, Customers, Suppliers, Locations, and Contacts.
Manage Credit Holds (AR523000)	Customers.NoteText	

## Services

This section lists the fields, actions, and containers that have been renamed on the services forms or removed from these forms.

### Renamed Fields, Actions, and Containers

Form	Old Name	New Name
Service Management Preferences (FS100100)	GeneralSettingsGeneralSettings	GeneralGeneralSettings
	GeneralSettingsNumberingSettings	GeneralNumberingSettings
Service Management Preferences (FS100100)	GeneralSettingsDefaultSettings	GeneralDefaultSettings
	GeneralSettingsAppointmentValidationSettings	GeneralAppointmentValidationSettings
Service Management Preferences (FS100100)	GeneralSettingsScheduleOptimizationSettings	GeneralScheduleOptimizationSettings
	CalendarsAndMapsCalendarSettings	CalendarsMapsCalendarSettings
Service Management Preferences (FS100100)	CalendarsAndMapsMapSettings	CalendarsMapsMapSettings
	CalendarsAndMaps CalendarAndMapsDefaultCalendarSettings	CalendarsMaps
Service Management Preferences (FS100100)	MailingSettingsDefaultSources	CalendarsMapsDefaultCalendarSettings
	MailingSettingsDefaultRecipients	MailingPrintingDefaultSources
Service Management Preferences (FS100100)	MailingSettingsDefaultRecipients	MailingPrintingDefaultRecipients
	GeneralSettingsNumberingSettings	GeneralNumberingSettings
Equipment Management Preferences (FS100300)	GeneralSettingsGeneralSettings	GeneralGeneralSettings
	GeneralSettingsContractSettings	GeneralContractSettings
Equipment Management Preferences (FS100300)	GeneralSettingsEquipmentSettings	GeneralEquipmentSettings
	GeneralSettingsBillingSettings	GeneralBillingSettings
Route Management Preferences (FS100400)	GeneralSettingsNumberingSettingsRouteNumberingSequence	GeneralNumberingSettingsRouteNumbering
	GeneralSettingsContractSettings	Sequence GeneralContractSettings
Route Management Preferences (FS100400)	GeneralSettingsNumberingSettingsEquipmentNumberingSequence	GeneralRouteSettings
	GeneralSettingsNumberingSettings	GeneralNumberingSettingsEquipmentNumberingSequence
Route Management Preferences (FS100400)	GeneralSettingsBillingSettingsNumberingSettings	GeneralNumberingSettings
		GeneralBillingSettingsNumberingSettings

## Screen API Changes

Service Order Types (FS202300)	CopyNotesToAppoinment PreferencesGeneralSettings PreferencesDefaultSettings PreferencesBillingSettings PreferencesIntegratingWithTimeExpenses QuickProcessSettingsAppointmentActions QuickProcessSettingsServiceOrderActions QuickProcessSettingsSalesOrderActions QuickProcessSettingsInvoiceActions QuickProcessSettingsBillActions MailingSettingsMailings MailingSettingsRecipients	CopyNotesAndAttachmentsToAppointment GeneralGeneralSettings GeneralDefaultSettings .GeneralBillingSettings GeneralIntegratingWithTimeExpenses QuickProcessingAppointmentActions QuickProcessingServiceOrderActions QuickProcessingSalesOrderActions QuickProcessingInvoiceActions QuickProcessingBillActions MailingPrintingMailings MailingPrintingRecipients
Branch Locations (FS202500)	BranchLocationDetailsFinancialSettings BranchLocationDetailsInventoryDefaults BranchLocationDetailsMainAddress BranchLocationDetailsMainContact	GeneralFinancialSettings GeneralInventoryDefaults GeneralMainAddress GeneralMainContact
Vehicles (FS203600)	GeneralInfo GeneralInfoManufacturingInfo GeneralInfoFuelInfo PurchaseInfo	General GeneralManufacturingInfo GeneralFuelInfo Purchase
Routes (FS203700)	ExecutionDays RouteEmployees DaysByWeekCodesFrom DaysByWeekCodes	Execution Employees WeekCodesFrom WeekCodes
Manufacturers (FS204400)	ManufacturerDetails ManufacturerDetailsMainContact ManufacturerDetailsMainAddress	General GeneralMainContact GeneralMainAddress

## Screen API Changes

<p>Equipment (FS205000)</p>	<p>GeneralInfo GeneralInfoInstallationInfo GeneralInfoDisposalInfo            GeneralInfoManufacturerInfo GeneralInfoInventoryInfo            PurchaseInfo            SourceInfo OpenEmployeeBoardAction            TargetEquipmentInquiryInquiriesMenu            ResourceEquipmentInquiryInquiriesMenu            OpenUserCalendarAction</p>	<p>General GeneralInstallationInfo            GeneralDisposalInfo            GeneralManufacturerInfo            GeneralInventoryInfo Purchase            Source OpenEmployeeBoard            TargetEquipmentInquiry            ResourceEquipmentInquiry            OpenUserCalendar</p>
<p>Service Orders (FS300100)</p>	<p>ServiceOrder.AppointmentDuration            ServiceOrder.ServiceOrderTotal            TotalsServiceOrderTotals.AppointmentTotal            TotalsServiceOrderTotals.ServiceOrderTotal            TotalsServiceOrderTotals.BillableTotal            FinancialSettingsFinancialInformationBillingSummary.RunBillingF            or FinancialSettingsFinancialInformation            OtherInformationSourceInfo OtherInformation            RelatedServiceOrders            TaxDetails</p>	<p>TotalsAppointmentTotals.AppointmentDurati            on TotalsServiceOrderTotals.Total            TotalsAppointmentTotals.Total            TotalsServiceOrderTotals.Total            TotalsAppointmentTotals.BillableTotal            FinancialSettingsFinancialInformationBillingS            ummary.BillingCycle            FinancialFinancialInformation            OtherSourceInfo Other RelatedDocuments            Taxes</p>

## Screen API Changes

	<p>FinancialSettingsFinancialInformationBillingSummary          OtherInformationSourceInfoScheduleRecord          ConfirmQuoteAction          CompleteOrderAction ReopenOrderAction          CopyToServiceOrderAction CloseOrderAction          UncloseOrderAction QuickProcessAction AllowBillingAction          InvoiceOrderAction BillReversalAction CancelOrderAction          PutOnHoldAction ReleaseFromHoldAction          CreatePurchaseOrderAction ScheduleAppointmentAction          OpenEmployeeBoardAction OpenUserCalendarAction          OpenScheduleScreenAction OpenRoomBoardAction          RecalcExternalTaxAction ValidateAddressAction          PrintServiceOrderReport          PrintServiceTimeActivityReportReport          ServiceOrderAppointmentsReportReport</p>	<p>FinancialFinancialInformationBillingSummary          OtherSourceInfoScheduleRecord          ConfirmQuote          CompleteOrder ReopenOrder          CopyToServiceOrder CloseOrder          UncloseOrder QuickProcess AllowBilling          InvoiceOrder BillReversal CancelOrder          PutOnHold ReleaseFromHold          CreatePurchaseOrder ScheduleAppointment          OpenEmployeeBoard OpenUserCalendar          OpenScheduleScreen OpenRoomBoard          RecalcExternalTax ValidateAddress          PrintServiceOrder          PrintServiceTimeActivityReport          ServiceOrderAppointmentsReport</p>
Appointments (FS300200)	TotalsServiceOrderTotals.ServiceOrderTotal	TotalsServiceOrderTotals.Total (The field has been moved to the Service Orders (FS300100) form.)
	<p>PerformActionAction.Date PerformActionAction.Time          OtherInformation          OtherInformationSourceInfo</p>	<p>PerformActionAction.DateLogDateTimeDate          PerformActionAction.DateLogDateTimeTime          Other          OtherSourceInfo</p>

## Screen API Changes

Form	Old Name	New Name
	OtherInformationSourceInfoLocation	OtherSourceInfoLocation
	OtherInformationSourceInfoRouteInfo	OtherSourceInfoRouteInfo
	OtherInformationSignature	OtherSignature
	FinancialSettingsFinancialInformationAppointmentBillingInfo	FinancialFinancialInformationAppointmentBillingInfo
	OtherInformationSourceInfoDocumentType	OtherSourceInfoDocumentType
	TaxDetails	Taxes
	FinancialSettingsFinancialInformationAppointmentBillingInfoBillingSummary	FinancialFinancialInformationAppointmentBillingInfoBillingSummary
	OtherInformationSourceInfoScheduleRecord	OtherSourceInfoScheduleRecord
	StartTravelMenuActions	StartTravel
	CompleteTravelMenuActions	CompleteTravel
	StartAppointmentMenuActions	StartAppointment
	PauseAppointmentMenuActions	PauseAppointment
	ResumeAppointmentMenuActions	ResumeAppointment
	CompleteAppointmentMenuActions	CompleteAppointment
	ReopenAppointmentMenuActions	ReopenAppointment
	CloseAppointmentMenuActions	CloseAppointment
	UncloseAppointmentMenuActions	UncloseAppointment
	QuickProcessMenuActions	QuickProcess
	InvoiceAppointmentMenuActions	InvoiceAppointment
	BillReversalMenuActions	BillReversal
	CancelAppointmentMenuActions	CancelAppointment

## Screen API Changes

PutOnHoldMenuActions	PutOnHold
ReleaseFromHoldMenuActions	ReleaseFromHold
CreatePurchaseOrderMenuActions	CreatePurchaseOrder
CloneAppointmentMenuActions	CloneAppointment
OpenEmployeeBoardMenuActions	OpenEmployeeBoard
OpenUserCalendarMenuActions	OpenUserCalendar
OpenRoomBoardMenuActions	OpenRoomBoard
EmailSignedAppointmentMenuActions	EmailSignedAppointment
EmailConfirmationToCustomerMenuActions	EmailConfirmationToCustomer
EmailConfirmationToStaffMemberMenuActions	EmailConfirmationToStaffMember
EmailConfirmationToGeoZoneStaffMenuActions	EmailConfirmationToGeoZoneStaff

## Screen API Changes

Form	Old Name	New Name
	ValidateAddressMenuActions RecalcExternalTaxMenuActions PrintAppointmentReportReport PrintServiceTimeActivityReportReport	ValidateAddress RecalcExternalTax PrintAppointmentReport PrintServiceTimeActivityReport
Route Service Contracts (FS300800)	SummaryLocationStandardizedBillingSettings ServicesPerPeriodServiceContract.StandardizedBillingTotal ContractHistory ActivateContractMenuActions SuspendContractMenuActions CancelContractMenuActions ViewContractScheduleDetailsInquiry ViewServiceOrderHistoryInquiry ViewAppointmentHistoryInquiry ViewCustomerContractsInquiry ViewCustomerContractSchedulesInquiry	SummaryLocationBillingTypeSettings ServicesPerPeriodServiceContract.ContractTotal History ActivateContract SuspendContract CancelContract ViewContractScheduleDetails ViewServiceOrderHistory ViewAppointmentHistory ViewCustomerContracts ViewCustomerContractSchedules
Route Document Details (FS304000)	StartRouteActionsMenu CompleteRouteActionsMenu CancelRouteActionsMenu ReopenRouteActionsMenu UncloseRouteActionsMenu	StartRoute CompleteRoute CancelRoute ReopenRoute UncloseRoute
Route Service Contact Schedules (FS305600)	DaysByWeekCodesFrom DaysByWeekCodes	WeekCodesFrom WeekCodes
Service Contracts (FS305700)	SummaryLocationStandardizedBillingSettings ServicesPerPeriodServiceContract.StandardizedBillingTotal ContractHistory ActivateContractMenuActions SuspendContractMenuActions CancelContractMenuActions ViewContractScheduleDetailsInquiry ViewServiceOrderHistoryInquiry ViewAppointmentHistoryInquiry	SummaryLocationBillingTypeSettings ServicesPerPeriodServiceContract.ContractTotal History ActivateContract SuspendContract CancelContract ViewContractScheduleDetails ViewServiceOrderHistory ViewAppointmentHistory



Form	Old Name	New Name
	ViewCustomerContractsInquiry ViewCustomerContractSchedulesInquiry	ViewCustomerContracts ViewCustomerContractSchedules
Service Order History (FS400300)	Result.AppointmentTotal	Result.LineTotal
Generate from Service Contracts (FS500300)	RunHistory GenerationErrorLog	History ErrorLog

### Removed Fields, Actions, and Containers

Form	Name	Comment
Appointments (FS300200)	StartTravelMobile	Use StartTravel instead.
	CompleteTravelMobile	Use CompleteTravel instead.
	StartServiceMobile	Use StartItemLine instead.
	StartForAssignedStaffMobile	Use StartAssignedStaff instead.
	CompleteServiceMobile	Use CompleteItemLine instead.
	PauseServiceMobile	Use PauseItemLine instead.
	ResumeServiceMobile	Use ResumeItemLine instead.
	StartStaffMobile	Use StartStaff instead.
	PauseStaffMobile	Use PauseStaff instead.
	ResumeStaffMobile	Use ResumeStaff instead.
Appointments	StartTravelMobile	Use StartTravel instead.

## Screen API Changes

Closing (FS300210)	CompleteTravelMobile	Use CompleteTravel instead.
	StartServiceMobile	Use StartItemLine instead.
	StartForAssignedStaffMobile	Use StartAssignedStaff instead.
	CompleteServiceMobile	Use CompleteItemLine instead.
	PauseServiceMobile	Use PauseItemLine instead.
	ResumeServiceMobile	Use ResumeItemLine instead.
	StartStaffMobile	Use StartStaff instead.
	PauseStaffMobile	Use PauseStaff instead.
	ResumeStaffMobile	Use ResumeStaff instead.

Form	Name	Comment
Vehicles (FS203600)	GeneralInfo.ColorID	
Equipment (FS205000)	GeneralInfo.ColorID	
Equipment (FS2050PL)	Result.Owner Result.OwnerContact	
Generate Staff Schedules (FS500400)	FilteringOptions GenerationOptions	

## Payroll

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### Renamed Fields, Actions, and Containers

Form	Old Name	New Name
Deduction and Benefit Codes (PR101060)	TaxSettings.SubjectToTaxes	TaxSettings.ImpactOnTaxableWage
Union Locals (PR209700)	EarningRates.Rate	EarningRates.WageRate
Certified Projects (PR209900)	EarningRates.Rate	EarningRates.WageRate

## Removed Fields, Actions, and Containers

Form	Name
Payroll Batches (PR301000)	EmployeeEarningDetailsEmployee.SalariedNonExempt
Pay Cheques and Adjustments (PR302000)	FinancialDetailsAdditionalDetails.SalariedNonExempt

## Projects and Construction

---

This section lists the fields, actions, and containers that have been renamed on the projects and construction forms or removed from these forms.

### Renamed Fields, Actions, and Containers

The toolbar actions on projects and construction forms have been renamed and rearranged, which might affect integrations that are using actions via screen-based API or integration scenarios. Such integrations should be updated to use new action names.

Form	Old Name	New Name
Compliance Preferences (CL301000)	LienWaiverReportingSettings	LienWaiverMailingPrinting
Project Management Preferences (PJ101000)	WeatherServiceIntegration GeneralSettings	WeatherServices General
Photo Log Preferences (PJ103000)	GeneralSettings	General
Project Issues (PJ302000)	PrintEmail RelatedActivities	PrintProjectIssue Activities
Drawing Logs (PJ303000)	NewRevisionSketch NewProjectIssue NewRFI DownloadZIP	CreateRevision CreateProjectIssue CreateRFI ExportDrawingLog
Daily Field Report (PJ304000)	PrintEmail	PrintDailyFieldReport

## Screen API Changes

Photo Logs (PJ305000)	Email DownloadZIP	EmailPhotoLogs ExportPhotoLogs
Submittals (PJ306000)	SendEmail	EmailSubmittal

Form	Old Name	New Name
Project Preferences (PM101000)	QuotePendingApprovalNotification GeneralSettings MailingSettings	PendingQuoteApprovalNotification General MailingPrinting
Change Order Classes (PM203000)	2TierChangeManagement	TwoTierChangeManagement
Allocation Rules (PM207500)	CanBeUsedAsSourceInAnotherAllocation	CanBeUsedAsASourceInAnotherAllocation
Project Templates (PM208000)	Settings MailingSettings	Defaults MailingPrinting
Project Budget Forecast (PM209600)	ProjectBudgetForecastByMonth Distribute	PrintProjectBudgetForecast GenerateForecast
Labor Rate (PM209900)	Rate	CostingRate

## Screen API Changes

Projects (PM301000)	CreateProFormaOnBilling DraftInvoicesAmount CurrencyRates AutoBudgetTimeAndMaterialRevenue ActivityHistory Settings ApprovalDetails MailingSettings	CreateProFormaInvoiceOnBilling DraftInvoiceAmount PrintCurrencyRates AutoBudgetRevenue Activities Defaults Approvals MailingPrinting
Project Tasks (PM302000)	ActivityHistory	Activities
Project Transactions (PM304000)	DocumentDetails	Details

## Screen API Changes

Form	Old Name	New Name
Project Quotes (PM304500)	SendQuote BillingInfo ShippingInfo TaxDetails ApprovalDetails BillingInfoContactInformation.CompanyName ShippingInfoShipToContact.CompanyName	EmailQuote Billing Shipping Taxes Approvals BillingInfoContactInformation.AccountName ShippingInfoShipToContact.AccountName
Project Quotes (PM3045PL)	Result.CompanyName Result.AccountName	Result.AccountNameCRContactFullName Result.AccountNameBAccountAcctName
Cost Projection (PM305000)	RefreshBudget ApprovalDetails	RefreshAndRecalculate Approvals
Pro Forma Invoices (PM307000)	CurrentInvoiced Address AIAResult TaxDetails FinancialDetails ApprovalDetails AddressDetails	CurrentlyInvoiced Addresses PrintAIAResult Taxes Financial Approvals Addresses
Change Orders (PM308000)	CommitmentsChangeTotal DraftInvoicesAmount ApprovalDetails	CommitmentChangeTotal DraftInvoiceAmount Approvals
Change Requests (PM308500)	ApprovalDetails	Approvals
Recalculate project Balances (PM504000)	RecalculateDraftInvoicesAmount	RecalculateDraftInvoiceAmount



Subcontract Preferences (SC101000)	GeneralSettings MailingSettings	General MailingPrinting
Subcontracts (SC301000)	DocumentDetails TaxDetails	Details Taxes

Form	Old Name	New Name
	ApprovalDetails DiscountDetails SCHistory VendorInfo OtherInformation	Approvals Discounts Billing Supplier Other

### Removed Fields, Actions, and Containers

Form	Name	Comment
Project Templates (PM208000)	DefaultsDefaultValuesDefaultTaskForGLAccount	
Labor Rate (PM209900)	Positions.CostingRate	
Projects (PM301000)	DefaultsDefaultValuesDefaultTaskForGLAccount	
Project Quotes (PM304500)	ShippingInfo	Split into ShippingInfoShipToContact and ShippingInfoShipToAddress containers.
Subcontracts (SC301000)	AllowAPBillBeforeReceipt	
Drawing Logs (PJ403000)	IsDrawingLogCurrentFile	

### Other Changes

*The Labor Cost Rate (PM209900) form's name was changed to Labor Rate.*

## Manufacturing

This section lists the fields, actions, and containers that have been renamed on the manufacturing forms or removed from these forms.

### Renamed Fields, Actions, and Containers

Form	Old Name	New Name
BOM Preferences (AM101000)	GeneralSettingsNumberingSettings GeneralSettingsDataEntrySettings GeneralSettingsCostRoll	GeneralNumberingSettings GeneralDataEntrySettings GeneralCostRoll
Production Preferences (AM102000)	GeneralSettingsNumberingSettings GeneralSettingsScheduling GeneralSettingsDataEntrySettings GeneralSettingsVendorShipmentSettings GeneralSettingsManufacturingOperationsSettings	GeneralNumberingSettings GeneralScheduling GeneralDataEntrySettings GeneralVendorShipmentSettings GeneralManufacturingOperationsSettings
Production Order Types (AM201100)	GeneralSettingsNumberingSettings GeneralSettingsAccountSettings GeneralSettingsOrderDefaults GeneralSettingsPrinting GeneralSettingsScheduling GeneralSettingsSCRAP GeneralSettingsCOPYBOMNOTES GeneralSettingsDATAENTRYSETTINGS	GeneralNumberingSettings GeneralAccountSettings GeneralOrderDefaults GeneralPrinting GeneralScheduling GeneralSCRAP GeneralCOPYBOMNOTES GeneralDATAENTRYSETTINGS
Production Order Maintenance (AM201500)	EventHistory	Events
Machines (AM204500)	Info	General

## Screen API Changes

Work Centres (AM207000)	ShiftInfo SubstituteWorkCenters	Shifts Substitutes
Engineering Change Request (AM210000)	ApprovalDetails	Approvals
Engineering Change Order (AM215000)	ApprovalDetails	Approvals
Materials (AM300000)	Transactions.LotSerFG	Transactions.ParentLotSerialNbr
Vendor Shipments (AM310000)	ShippingSettingsShippingInformation DocumentDetails ShippingSettingsShipToContact ShippingSettingsShipToAddress	ShippingShippingInformation Details ShippingShipToContact ShippingShipToAddress

## Removed Fields, Actions, and Containers

Form	Name	Comment
Production Order Maintenance (AM201500)	PlanActionDropMenu ReleaseActionDropMenu CompleteOrderActionDropMenu CancelOrderActionDropMenu CloseOrderActionDropMenu CalculatePlanCostActionDropMenu ReleaseMaterialActionDropMenu CreateMoveActionDropMenu CreateLinkedOrdersActionDropMenu DisassembleActionDropMenu ProductionDetailsInquiresDropMenu CriticalMatlInquiresDropMenu AttributesInqInquiresDropMenu TransactionsByProductionOrderInqInquiresDropMenu InventoryAllocationDetailInqInquiresDropMenu CreatePurchaseOrderInqInquiresDropMenu CreateProductionOrderInqInquiresDropMenu ViewScheduleInquiresDropMenu	The changes are related to the Preassigned Lot and Serial Numbers feature and UI enhancements.
Configuration Maintenance (AM207500)	TestConfigurationActionDropMenu SetAsDefaultForItemActionDropMenu CopyConfigurationActionDropMenu SetActiveConfigurationActionDropMenu	The changes are related to the Preassigned Lot and Serial Numbers feature and UI enhancements.
Bill of Material (AM208000)	ArchiveBomActionsMenu AMCopyBomActionsMenu AMBomCostSettingsActionsMenu MakeDefaultBomActionActionsMenu MakePlanningBomActionActionsMenu	The changes are related to the Preassigned Lot and Serial Numbers feature and UI enhancements.

Form	Name	Comment
	AttributesActionsMenu CreateECRActionsMenu BOMCompareActionsMenu ReportBOMSummaryReportsMenu ReportMultiLevelReportsMenu	
Engineering Change Request (AM210000)	BOMCompareActionDropMenu HoldActionDropMenu SubmitActionDropMenu CreateECOActionDropMenu ApproveActionDropMenu RejectActionDropMenu	The changes are related to the Preassigned Lot and Serial Numbers feature and UI enhancements.
Engineering Change Order (AM215000)	BOMCompareActionDropMenu HoldActionDropMenu SubmitActionDropMenu CommitChangesActionDropMenu ApproveActionDropMenu RejectActionDropMenu	The changes are related to the Preassigned Lot and Serial Numbers feature and UI enhancements.
Visual BOM (AM216000)	ArchiveBomActionsMenu AMCopyBomActionsMenu AMBomCostSettingsActionsMenu MakeDefaultBomActionActionsMenu MakePlanningBomActionActionsMenu AttributesActionsMenu CreateECRActionsMenu BOMCompareActionsMenu MakeDefaultBomAction MakePlanningBomAction Attributes AMCopyBom ArchiveBom CreateECR BOMCompare AMBomCostSettings	Dropdown menus were removed due to the form toolbar enhancements.

## Screen API Changes

Form	Name	Comment
	AMBomCostSummary	
Disassembly (AM301500)	Material.ParentLotSerialNbr	The changes are related to the Preassigned Lot and Serial Numbers feature and UI enhancements.
Estimates (AM303000)	MarkAsPrimaryActionsMenu CreateNewRevisionButtonActionsMenu CopyFromActionsMenu CreateBOMActionsMenu CreateProdOrderActionsMenu CreateInventoryActionsMenu Add2OrderActionsMenu ReportSummaryReportsMenu ReportQuoteReportsMenu	The changes are related to the Preassigned Lot and Serial Numbers feature and UI enhancements.
Supplier Shipments (AM310000)	HoldAction RemoveHoldAction CancelShipAction ConfirmAction PrintPackingListReport PrintPickListReport	The changes are related to the Preassigned Lot and Serial Numbers feature and UI enhancements.
MRP Display (AM400000)	Detailrecs.ProductManagerIDPEmployeeAcctName	The changes are related to the Preassigned Lot and Serial Numbers feature and UI enhancements.
MRP Exceptions (AM403000)	ExceptRecs.ProductManagerIDPEmployeeAcctName	The changes are related to the Preassigned Lot and Serial Numbers feature and UI enhancements.

## Platform

---

This section lists the fields, actions, and containers that have been renamed on the platform forms or removed from these forms.

### Renamed Fields, Actions, and Containers

Form	Old Name	New Name
Request Profiler (SM205070)	ExceptionsLogging	ExceptionLogging



## Removed Fields, Actions, and Containers

Form	Name	Comment
Apply Updates (SM203510)	Updates.MajorVersion	
Tenants (SM203520)	CopyCompanyCommandActionsMenu TrialCompanyCommandActionsMenu DeleteOrphanedRowsActionsMenu DismissedUnsafeSnapshotCommandActionsMenu SpaceUsageCommandActionsMenu	
Customisation Projects (SM204505)	ActionPublishExtActionPublish ActionImportNewActionImport ActionImportReplaceActionImport ActionImportNew ActionValidateHighlightedActionValidations ActionValidateMultipleActionValidations ActionRuntimeValidationDACFieldsTypesActionValidations ActionRuntimeValidationDACAttributesActionValidations ActionRuntimeValidationLookupsDefinitionsActionValidations	The actions have been moved out from folders to the new categories.
Generic Inquiry (SM208000)	ChangeNameActionsMenu ExportAsReportActionsMenu ChangeScreenIDActionsMenu	
Notifications (SM402060)	CreateEmailNotificationCreateNotification CreatePushNotificationCreateNotification CreateSmsNotificationCreateNotification CreateEmailNotification CreatePushNotification CreateSmsNotification	The actions have been changed because of User Interface: Redesigned Form Toolbar.
License Monitoring Console (SM604000)	TransactionDetailsPeriod	

## Integrations

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This section lists the fields, actions, and containers that have been renamed on the integration forms or removed from these forms.

### Removed Fields, Actions, and Containers

Form	Name	Comment
OpenID	ClientID	Moved from AuthenticationSettings container to
Providers	ClientSecret	ProviderSummary container.
(SM303020)	ScopesExceptOpenId	
	ClaimTypeForUserIdentity	
	GeneralSettings	Replaced by ProviderSummary.
	IconsIcon	Replaced by ProviderSummaryIcon.

# Database Changes

The following sections describe the changes in the database schema of MYOB Advanced.

## Removed Tables

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This section lists the tables removed from the database.

Table
AMShiftMst
BCMultiCurrencyPaymentMethod
MarketAdaptation
RepInformation

## Removed Columns

This section lists the columns removed from the database tables.

Table	Column
AMClockItem	ShiftID

Table	Column
AMClockTran	ShiftID
AMMTran	LotSerFG
AMMTran	MultDiv
AMMTran	ShiftID
AMShift	ShiftID
AMWCSchd	ShiftID
AMWCSchdDetail	ShiftID
BCBindingBigCommerce	BigCommerceDefaultCurrency
BCBindingShopify	ShopifyDefaultCurrency
BCPaymentMethods	CuryID
CRLead	NoteID
CRLead	tstamp
CRLead	CreatedByID
CRLead	CreatedByScreenID
CRLead	CreatedDateTime
CRLead	LastModifiedByID
CRLead	LastModifiedByScreenID
CRLead	LastModifiedDateTime
CRSetup	ValidateContactDuplicatesOnEntry
CRSetup	ValidateAccountDuplicatesOnEntry
CRSetup	LeadValidationThreshold
CRSetup	AccountValidationThreshold

CRSetup	LeadToAccountValidationThreshold
CRSetup	CloseLeadsWithoutActivitiesScore
CRSetup	GrammValidationDateTime
FeaturesSet	MultipleMatchingForBankTransactions
INItemClass	DfltSiteID
POLandedCostReceiptLine	CuryLineAmt
PRBatchEmployee	SalariedNonExempt
PRPayment	SalariedNonExempt
UPSetup	CepReportingServer

## Modified Columns

This section lists the columns whose data type, size, precision, or scale (the number of symbols after comma) has been changed in the new version of the database.

Table	Column	Old Type	New Type	Old Precision	New Precision	Old Scale	New Scale	Old Size	New Size
Account	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
AMEstimateClass	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
APInvoiceDiscountDetail	DiscountPct	Decimal	Decimal	19	19	4	6	0	0
APPriceWorksheetDetail	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
APTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
APTran	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
APTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
ARAddress	AddressLine1	NVarChar	NVarChar	0	0	-	-	50	2500
ARAddress	AddressLine2	NVarChar	NVarChar	0	0	-	-	50	2500
ARAddress	AddressLine3	NVarChar	NVarChar	0	0	-	-	50	2500
ARAddress	City	NVarChar	NVarChar	0	0	-	-	50	2500
ARAddress	State	NVarChar	NVarChar	0	0	-	-	50	2500

## Database Changes

ARAddress	CountryID	NVarChar	NVarChar	0	0	-	-	2	2500
ARAddress	PostalCode	VarChar	VarChar	0	0	-	-	20	2500
ARContact	Salutation	NVarChar	NVarChar	0	0	-	-	255	2500
ARContact	Attention	NVarChar	NVarChar	0	0	-	-	255	2500
ARContact	FullName	NVarChar	NVarChar	0	0	-	-	255	2500
ARContact	Email	NVarChar	NVarChar	0	0	-	-	255	2500
ARContact	Phone1	VarChar	VarChar	0	0	-	-	50	2500
ARContact	Phone2	VarChar	VarChar	0	0	-	-	50	2500
ARContact	Phone3	VarChar	VarChar	0	0	-	-	50	2500
ARContact	Fax	VarChar	VarChar	0	0	-	-	50	2500
ARFinCharge	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
ARInvoiceDiscountDetail	DiscountPct	Decimal	Decimal	19	19	4	6	0	0
ARPriceWorksheetDetail	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
ARSalesPrice	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
ARTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
ARTran	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
ARTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60

## Database Changes

CABankTranDetail	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
CAExpense	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
CAExpenseTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
Carrier	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
Carrier	PluginMethod	VarChar	VarChar	0	0	-	-	50	100
CASplit	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
CATax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
CRActivity	Subject	NVarChar	NVarChar	0	0	-	-	256	998
CRMmassMail	MailTo	VarChar	VarChar	0	0	-	-	255	3000
CRMmassMail	MailCC	VarChar	VarChar	0	0	-	-	255	3000
CRMmassMail	MailBCC	VarChar	VarChar	0	0	-	-	255	3000
CRMmassMail	MailSubject	NVarChar	NVarChar	0	0	-	-	255	998
CROpportunityDiscountDetail	DiscountPct	Decimal	Decimal	19	19	4	6	0	0
CROpportunityProducts	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
CROpportunityTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
CRTaxTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
DiscountSequenceDetail	Discount	Decimal	Decimal	19	19	4	6	0	0



## Database Changes

DiscountSequenceDetail	LastDiscount	Decimal	Decimal	19	19	4	6	0	0
DiscountSequenceDetail	PendingDiscount	Decimal	Decimal	19	19	4	6	0	0
EPExpenseClaimDetails	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
EPExpenseClaimDetails	TaxTipCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
EPTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
EPTaxAggregate	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
EPTaxTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
FSAppointmentDet	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
FSAppointmentTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
FSAppointmentTaxTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
FSDiscountDetail	DiscountPct	Decimal	Decimal	19	19	4	6	0	0
FSServiceOrderTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
FSServiceOrderTaxTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
FSSODet	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
GIFilter	DefaultValue	NVarChar	NVarChar	0	0	-	-	512	-1
GIGroupBy	DataFieldName	NVarChar	NVarChar	0	0	-	-	512	-1

## Database Changes

GINavigationParameter	ParameterName	NVarChar	NVarChar	0	0	-	-	512	-1
GION	ParentField	NVarChar	NVarChar	0	0	-	-	255	-1
GION	ChildField	NVarChar	NVarChar	0	0	-	-	255	-1
GISort	DataFieldName	NVarChar	NVarChar	0	0	-	-	512	-1
GLTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
GLTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
GLTran	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
GLTranDoc	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
GLTranDoc	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
INItemClass	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
INRelatedInventory	Relation	VarChar	Char	0	0	-	-	5	5
InventoryItem	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
LandedCostCode	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
LocalizationTranslationSet	SystemVersion	NVarChar	NVarChar	0	0	-	-	16	32
PMBudget	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
PMProformaLine	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15

## Database Changes

		ar	ar						
PMQuoteTask	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
PMTask	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
PMTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
PMTaxTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
POLandedCostDetail	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
POLandedCostTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
POLandedCostTaxTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
POLine	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
POLine	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
POOrderDiscountDetail	DiscountPct	Decimal	Decimal	19	19	4	6	0	0
POTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
POTaxTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
SMEEmail	Subject	NVarChar	NVarChar	0	0	-	-	256	998
SMEEmail	MailTo	NVarChar	NVarChar	0	0	-	-	1000	3000
SMEEmail	MailCc	NVarChar	NVarChar	0	0	-	-	1000	3000

## Database Changes

SMEEmail	MailBcc	NVarChar	NVarChar	0	0	-	-	1000	3000
SMPersonalData	Value	NVarChar	NVarChar	0	0	-	-	255	2500
SOAddress	AddressLine1	NVarChar	NVarChar	0	0	-	-	50	2500
SOAddress	AddressLine2	NVarChar	NVarChar	0	0	-	-	50	2500
SOAddress	AddressLine3	NVarChar	NVarChar	0	0	-	-	50	2500
SOAddress	City	NVarChar	NVarChar	0	0	-	-	50	2500
SOAddress	CountryID	NVarChar	NVarChar	0	0	-	-	2	2500
SOAddress	State	NVarChar	NVarChar	0	0	-	-	50	2500
SOAddress	PostalCode	VarChar	VarChar	0	0	-	-	20	2500
SOContact	Salutation	NVarChar	NVarChar	0	0	-	-	255	2500
SOContact	Attention	NVarChar	NVarChar	0	0	-	-	255	2500
SOContact	FullName	NVarChar	NVarChar	0	0	-	-	255	2500
SOContact	Email	VarChar	VarChar	0	0	-	-	255	2500
SOContact	Phone1	VarChar	VarChar	0	0	-	-	50	2500
SOContact	Phone2	VarChar	VarChar	0	0	-	-	50	2500
SOContact	Phone3	VarChar	VarChar	0	0	-	-	50	2500
SOContact	Fax	VarChar	VarChar	0	0	-	-	50	2500

## Database Changes

SOFreightDetail	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
SOLine	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
SOOrder	FreightTaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
SOOrderDiscountDetail	DiscountPct	Decimal	Decimal	19	19	4	6	0	0
SOShipment	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
SOTax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
SOTaxTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
SVATConversionHist	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
Tax	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
TaxCategory	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
TaxCategoryDet	TaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15
TaxCategoryDet	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
TaxHistory	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
TaxRev	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
TaxTran	TaxID	NVarChar	NVarChar	0	0	-	-	30	60
TaxZone	DfltTaxCategoryID	NVarChar	NVarChar	0	0	-	-	10	15

		r	r							
TaxZone	TaxID	NVarChar	NVarChar	0	0	-	-	30	60	
TaxZoneDet	TaxID	NVarChar	NVarChar	0	0	-	-	30	60	
TXImportSettings	TaxableCategoryID	NVarChar	NVarChar	0	0	-	-	10	15	
TXImportSettings	FreightCategoryID	NVarChar	NVarChar	0	0	-	-	10	15	
TXImportSettings	ServiceCategoryID	NVarChar	NVarChar	0	0	-	-	10	15	
TXImportSettings	LaborCategoryID	NVarChar	NVarChar	0	0	-	-	10	15	

## Modified Indexes

This section lists the changes made to the database indexes. These changes are not breaking but the information about them can be useful to some readers. The list includes only the changes made to the tables that exist in both the previous and the current versions of the database scheme.

Table	Index	Column	Modification
AMShift	AMShift_PK	ShiftCD	New column added
AMShift	AMShift_PK	ShiftID	Column removed
AMWCSchd	AMWCSchd_PK	ShiftCD	New column added
AMWCSchd	AMWCSchd_PK	ShiftID	Column removed
CABankTranMatch	CABankTranMatch_PK	MatchType	New column added
CRCCase	CRCCase_CaseCD_Uindex		Index removed
Dashboard	UI_Dashboard		Index added

INItemClassRep	INItemClassRep_PK	CuryID	New column added
INItemRep	INItemRep_PK	CuryID	New column added
INReceiptStatus	INReceiptStatus_PK	DocType	New column added
INSubItemRep	INSubItemRep_PK	CuryID	New column added
PivotTable	UI_PivotTable		Index added
POAccrualSplit	POAccrualSplit_PK	RefNoteID	Column removed
POAccrualSplit	POAccrualSplit_PK	LineNbr	Column removed
POAccrualSplit	POAccrualSplit_PK	Type	Column removed
PRPaymentPTOBan k	PK_PRPaymentPTOBan k	EffectiveStartDate	New column added
SMLicenseERPTran	PK_SMLicenseERPTran	PrimaryItemType	New column added

## Code Changes

The following sections describe changes in the PX.Common.dll, PX.Data.dll, PX.Objects.dll, and PX.Objects.FS.dll libraries.

### Removed Data Access Classes

This section lists the removed data access classes (DACs)—that is, the classes that implement `PX.Data.IBqlTable`.

Namespace	DAC	Comment
PX.SM	EEmailAccountMaint+SMEmail	
PX.Data	ScheduleProcessor+AUScheduleHost	
PX.Data.Unit	BAccountMockBase	
PX.Data.Unit	DetailMockBase	
PX.Data.Unit	DocumentMockBase	

## Database Changes

PX.Data.CepReporting	RepInformation	
PX.Objects.CA	CABankTransactionsEnq+CABankTranExt	
PX.Objects.CR	CRLeadContactValidationProcess+Contact2	
PX.Objects.CR	LeadContactValidationRules	
PX.Objects.CR	LeadAccountValidationRules	
PX.Objects.CR	AccountValidationRules	
PX.Objects.CR	OpportunityMaint+CreateSalesOrderFilter	Moved to PX.Objects.CR.Extensions.CRCreateSalesOrder.
Namespace	DAC	Comment
PX.Objects.CR	OpportunityMaint+CreateInvoicesFilter	Moved to PX.Objects.CR.Extensions.CRCreateInvoice.
PX.Objects.AR	ARDocumentEnq+ARAdjust	
PX.Objects.AR	ARDocumentEnq+ARRetainage	
PX.Objects.AR	FailedCCPaymentEnq+CCProcTranH	
PX.Objects.EP	EPApprovallist<SourceAssign,Approved,Rejected>+ReasonApprove RejectFilter	
PX.Objects.AM	AMShiftMst	
SP.Objects.CR	Contact2	

## Removed Graphs

This section lists the removed graphs—that is, the classes that inherit from `PX.Data.PXGraph`.

Namespace	Graph
PX.Data.Unit	GraphMockBase<TMock>
PX.Objects.C	CRBaseWorkflowUpdateProcess<TGraph,TPrimary,TMarkAttribute,TClassFiel



R	d>
PX.Objects.A R	ExternalTransactionMaint
PX.Objects.FS	AppLogActionsEntry
PX.Objects.FS	AppStartTravelServiceEntry
PX.Objects.FS	AppStartStaffAndServiceEntry
PX.Objects.FS	AppStartServiceAssignedStaffEntry
PX.Objects.FS	AppCompleteServiceEntry
PX.Objects.FS	AppCompleteTravelEntry
PX.Objects.FS	AppPauseServiceEntry
PX.Objects.FS	AppResumeServiceEntry

## Modified Interfaces And Abstract Classes

This section lists the modified interfaces and abstract classes.

Namespace	Interface or Abstract Class	Number of Added Method	Number of Removed Method	Comment
PX.Data	PXCache	9	0	
PX.Data	PXDatabaseProvider	1	0	
PX.Data	PXAction	1	0	
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+ActionDefinition+IAllowOptionalConfigAction	15	1	
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+Assignment+IAllowOptionalConfig	1	0	

## Database Changes

PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+FormField+INeedTypeConfigurationField	2	2
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+FormField+IAllowOptionalConfig	1	1
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+ScreenConfiguration+IAllowOptionalConfig	2	1
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+Transition+INeedSource	1	1
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+Transition+INeedTarget	3	1
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+Transition+INeedTriggerAction	1	0
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+Transition+IAllowOptionalConfig	3	2
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+Transition+IContainerFillerTransitions	1	1
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+Workflow+INeedStatesFlow	1	1
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+WorkflowEventHandler+IContainerFillerHandlers	1	0
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+WorkflowEventHandlerDefinition+INeedEventPrimaryEntityGetter<TEventTarget,TEventParams>	3	0

## Database Changes

PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+WorkflowEventHandler Definit ion+IAllowOptionalConfigAction	1	0	
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+WorkflowEventHandler Definit ion+IAllowOptionalConfigAction<TEventTarget>	3	0	
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+WorkflowEventHandler Definit ion+IAllowOptionalConfigAction<TEventTarget,TParams>	3	0	
PX.Objects.SO.Graph E xtensions	CreatePaymentExtBase<TGraph,TFirstGraph,TDocument, TDoc umentAdjust,TPaymentAdjust>	2	0	
PX.Objects.PO	IAPTranSource	1	0	
PX.Objects.PO	IPOReturnLineSource	1	0	
PX.Objects.IN.Matrix. GraphExtensions	SmartPanelExt<Graph,MainItemType>	1	0	
PX.Objects.CA	ICADocSource	5	0	
PX.Objects.CR	CRAddressAttribute	1	0	Create a child if this class was used directly or use the CROpportunityAddre ss Attribute class.
PX.Objects.CR	CRContactAttribute	1	0	Create a child if this class was used directly or use the CROpportunityConta ct Attribute class.
PX.Objects.AR	IHasMinGrossProfit	1	0	

## Database Changes

PX.Objects.AR.CCPaymentProcessing.Wrappers	IHostedPaymentFormProcessingWrapper	2	0	
PX.Objects.AR.CCPaymentProcessing.Wrappers	IHostedFromProcessingWrapper	2	0	
PX.Objects.AR.CCPaymentProcessing.Interfaces	ICCPaymentTransaction	2	0	
PX.Objects.Extensions.SalesTax	TaxBaseGraph<TGraph,TPrimary>	1	0	
Namespace	Interface or Abstract Class	Number of Added Method	Number of Removed Method	Comment
PX.Objects.Extensions.MultiCurrency	IPXCurrencyHelper	1	8	
PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPrimary>	1	0	
PX.Objects.AP	IPaymentCharge	2	0	
PX.Objects.PR	PRExpenseAccountAttribute	3	0	
PX.Objects.PR	PRSubaccountAttribute	1	1	
PX.Objects.PR	ExpenseSubAccountAttribute	2	0	
PX.Objects.PR	IPTOBank	4	0	

PX.Objects.FS	FSPostingBase<TGraph>	0	1
PX.Objects.FS	IFSSODetBase	2	0
PX.Objects.FS	InvoiceGraph	0	1

## Other Removed Classes

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This section lists the removed classes that have not been included in the sections above—that is, the classes that do not implement `PX.Data.IBqlTable` or derive from `PX.Data.Constant` or `PX.Data.PXGraph`. This list also does not include any classes that implement `PX.Data.IBqlField`.

For the company and branch selection menu, `OrganizationName` was replaced by the combination of `OrganizationCD` and `OrganizationName`, `BranchName` was replaced by the combination of `BranchCD` and `BranchName`.

The `PaymentTransaction` graph has been moved from the `ARPaymentEntry` graph.

Namespace	Class	Comment
PX.Common	TimeRegionService	
PX.Common	HtmlSanitizerService	
PX.Common.Service	MultiHandler<THandler>	
PX.Common.Service	SingleHandler<THandler>	
PX.Common.Service	VersionService	

## Database Changes

Namespace	Class	Comment
PX.SM	EEmailAccountMaint+SMEmail+processed	
PX.SM	NotificationService	
PX.Data	IScheduleAdjustmentRule	
PX.Data.Unit	TestBase	
PX.Data.Unit	DimensionSourceMock	
PX.Data.Unit	LicensePolicyMock	
PX.Data.Unit	TestHelper	
PX.Data.Unit	PXUIEmulatorAttribute	
PX.Data.Unit	PXUIEmulatorAttribute+LastUpdated	
PX.Data.Unit	UnitTestAccessProvider	
PX.Data.WorkflowAP	BoundedTo<TGraph,TPrimary>+FlowState+INeedAnyConfigState	
PX.Data.WorkflowAP	BoundedTo<TGraph,TPrimary>+FlowState+IAllowOptionalConfig	
PX.Data.WorkflowAP	BoundedTo<TGraph,TPrimary>+FlowState+IConfigured	
PX.Data.WorkflowAP	BoundedTo<TGraph,TPrimary>+FlowState+IContainerFillerStates	
PX.Data.WorkflowAP	BoundedTo<TGraph,TPrimary>+FlowState+ContainerAdjusterStates	
PX.Data.WorkflowAP	BoundedTo<TGraph,TPrimary>+FormField+FormFieldControlSize	
PX.Data.WorkflowAP	BoundedTo<TGraph,TPrimary>+WorkflowEventHandlerDefinition+I Co ntainerFillerActions	

## Database Changes

PX.Data.WorkflowAPI	BoundedTo<TGraph,TPrimary>+WorkflowEventHandlerDefinition+ContainerAdjusterActions	
PX.Data.EP	EmptyActivityService	
PX.Data.EP	EMailMessageReceiver	
PX.Data.EP	MailSendProvider	
PX.Data.Handlers	CSSGetter	
PX.Data.Handlers	PageUnloadHandler	
PX.Data.Handlers	RSSGetter	
Namespace	Class	Comment
PX.Data.Handlers	RSSGetter+Rss	
PX.Data.Handlers	RSSGetter+RssItem	
PX.Data.Handlers	AnnouncementsRSSGetter	
PX.Data.Handlers	ArticleRSSGetter	
PX.Data.Localization	IMarketAdaptationService	
PX.Data.Localization	DummyMarketAdaptationService	
PX.Objects.GDPR	CROpportunityExt	Replaced by PX.Objects.GDPR.CROpportunityRevisionExt.
PX.Objects.SO	SOPickingWorksheetProcess+ProcessAction+printPickList	
PX.Objects.SO.WMS	WaveBatchPicking+WavePickMode+ToteState	
PX.Objects.SO.WMS	WaveBatchPicking+WavePickMode+ToteState+Msg	
PX.Objects.SO.WMS	WaveBatchPicking+WavePickMode+AssignToteState	
PX.Objects.SO.WMS	WaveBatchPicking+WavePickMode+AssignToteState+value	
PX.Objects.SO.WMS	WaveBatchPicking+WavePickMode+AssignToteState+Logic	

## Database Changes

PX.Objects.SO.WMS	WaveBatchPicking+WavePickMode+AssignToteState+Msg
PX.Objects.SO.WMS	WaveBatchPicking+PickListState
PX.Objects.SO.WMS	WaveBatchPicking+PickListState+Msg
PX.Objects.SO.WMS	WaveBatchPicking+ConfirmPickListCommand
PX.Objects.SO.WMS	WaveBatchPicking+ConfirmPickListCommand+Logic
PX.Objects.SO.WMS	WaveBatchPicking+ConfirmPickListCommand+Msg
PX.Objects.SO.WMS	WaveBatchPicking+Msg
PX.Objects.SO.WMS	WaveBatchPicking+FitsWS
PX.Objects.SO.WMS	WaveBatchPicking+ShowPickWS
PX.Objects.SO.WMS	WaveBatchPicking+Extension<TSelfExt>
PX.Objects.SO.Workflow.SalesOrder	ScreenConfiguration+ActionCategory
PX.Objects.PO.LandedCosts	POReceiptFilterVisibilityRestriction
PX.Objects.IN	INItemClass+FK+DefaultSite
PX.Objects.IN.RelatedItems	InventoryRelation+related



## Database Changes

Namespace	Class	Comment
PX.Objects.IN.Relate dItems	InventoryRelation+alternative	
PX.Objects.CM	InvoiceEntry	
PX.Objects.GL	JournalWithSubEntry+RegisterAdapter	
PX.Objects.CA.BankS tatementHelpers	StatementApplicationBalances	
PX.Objects.CR	CRGrammProcess+Processor+ValidtionDefinition	
PX.Objects.CR	CROpportunityClass+FK+DiscountAccount	Removed completely.
PX.Objects.CR	CROpportunityClass+FK+DiscountSubaccount	Removed completely.
PX.Objects.CR	ValidationTypesAttribute+leadContact	
PX.Objects.CR	ValidationTypesAttribute+account	
PX.Objects.CR	ValidationTypesAttribute+leadAccount	
PX.Objects.CR	ContactTypesAttribute+bAccountPriority	
PX.Objects.CR	ContactTypesAttribute+salesPersonPriority	
PX.Objects.CR	ContactTypesAttribute+employeePriority	
PX.Objects.CR	ContactTypesAttribute+personPriority	
PX.Objects.CR	ContactTypesAttribute+leadPriority	
PX.Objects.CR	QuoteMaint+ExtensionSorting	Replaced with QuoteMaint+ExtensionSort.
PX.Objects.CR.Workf lows	ContactWorkflow_CbApi_Adapter	
PX.Objects.AR	ARCashSaleEntry+PaymentTransaction	
PX.Objects.AR	ARDocumentEnq+ARDocumentResult+noteID+NoteAttribute	
PX.Objects.AR	ARPaymentEntry+PaymentTransaction	

## Database Changes

PX.Objects.AR.Workflows	CustomerLocationMaint_Workflow_CbApi_Adapter
PX.Objects.Common	ReportGeneratorHelper
.	Tools
PX.Objects.Common	InvoiceGraphExtension<TGraph>
.	GraphExtensions.Abst
PX.Objects.Common	PaymentGraphExtension<TGraph>
.	GraphExtensions.Abst
PX.Objects.Common	Adjust2Mapping
.	GraphExtensions.Abst
.	tract.Mapping
PX.Objects.Common	AdjustMapping
.	GraphExtensions.Abst
.	tract.Mapping
PX.Objects.EP	EmailProcessorManager
PX.Objects.FS	FSLogTypeAction+CustomListAttribute
PX.Objects.FS	FSSelectorPrepaidServiceContract
PX.Objects.FS	ListField_Contract_BillingType
PX.Objects.FS	ListField_Contract_BillingType+ListAttribute
PX.Objects.FS	ListField_Contract_BillingType+PerformedBillings
PX.Objects.FS	ListField_Contract_BillingType+StandardizedBillings

PX.Objects.FS	SM_SOOrderEntry+Conditions
PX.Objects.FS	ID+Contract_BillingType
PX.Objects.FS	TX+Contract_BillingType
PX.Objects.AM	AMShiftMst+PK
PX.Objects.AM.Grap hExtensions	FSPOCreateAMExtension
PX.Objects.AM.Attrib utes	AMProdItemLotSerialNbrAttribute
PX.Objects.AM.Attrib utes	RefNoteRefNbrAttribute
SP.Objects.IN	InventoryLinesWithoutGroup+dfltSiteID

### Removed Methods

This section lists the public methods whose visibility has been changed in the code or that have been removed from the code. The list does not include the methods from the deleted and obsolete classes.

Namespace	Parent Class	Method	Comment
PX.Common	Tools	AppendToHtmlBody(String,String)	
PX.Common.Mail	MailReceiver	get_Builder()	
PX.Common.Mail	MailReceiver	set_Builder(MailReceiver+IMailReceiverBuilder)	
PX.Common.Mail	MailReceiver	Create(MailReceiver+Types,ConnectionSettings,Credentials,Int32)	
PX.Common.Mail	MailSender + MailMessage	.ctor(String,String,MailSender+MessageAddressee,MailSender+MessageContent)	

## Database Changes

	T	
PX.Common.Mail	MailSender + MailMessage T	get_Addressee()
PX.Common.Mail	MailSender + MailMessage T	get_Content()
PX.Common.Mail	MailSender + MailMessage T	get_From()
PX.Common.Mail	MailSender + MailMessage T	get_UID()
PX.Common.Mail	MailSender + MessageAddressee	get_To()
PX.Common.Mail	MailSender + MessageAddressee	get_Reply()

## Database Changes

PX.Common.Mail	MailSender + MessageAd d ressee	get_Cc()
PX.Common.Mail	MailSender + MessageAd d ressee	get_Bcc()
PX.Common.Mail	MailSender + MessageCo n tent	get_Subject()
PX.Common.Mail	MailSender + MessageCo n tent	get_Body()
PX.Common.Mail	MailSender + MessageCo n tent	get_IsHtml()
PX.SM	AUSchedul e Maint	get__dataScreenFactory()
PX.SM	AUSchedul e Maint	set__dataScreenFactory(IDataScreenFactory)
PX.SM	CompanyM ai nt	actionsMenu(PXAdapter)
PX.SM	UPSetup	get_CepReportingServer()

## Database Changes

PX.SM	UPSetup	set_CepReportingServer(String)	
PX.SM	VersionFilter	get_Branch()	
PX.SM	VersionFilter	set_Branch(String)	
PX.SM	VersionFilter	get_RefreshBranchesRequired()	
PX.SM	VersionFilter	set_RefreshBranchesRequired(Nullable<Boolean>)	
PX.SM	UpdateMaint	availableBranches()	
PX.SM	UpdateMaint	GetBrances(String)	
PX.Data	PXView	AskExtWithHeader(String,PXView+InitializePanel,List<String>)	
PX.Data	PXResult<T0,T1>	.ctor(PXResult<T0>,T1)	
PX.Data	PXDatabaseProvider	Select(PXGraph,BqlCommand,Int64,PXView,PXDataValue[])	
PX.Data	PXSearchableAttribute	get_UserRecordContentUpdater()	
PX.Data	PXSearchableAttribute	set_UserRecordContentUpdater(IRecordCachedContentUpdater)	
Namespace	Parent Class	Method	Comment
PX.Data	PXCacheCollection	IsSameCache(Type)	

## Database Changes

PX.Data	PXViewQue r yCollection	StoreCached(PXView,PXCommandKey,List<Object>)
PX.Data.Reports	PXReportTo o ls	get_WikiSettings()
PX.Data.Reports	PXReportTo o ls	set_WikiSettings(ISettings)
PX.Data.Workflo wAPI	BoundedTo < TGraph,TPri mary>+Acti o nState	set_Connotation(Nullable<ActionConnotation>)
PX.Data.Workflo wAPI	BoundedTo < TGraph,TPri mary>+Acti o nState+Con fi guratorActi o n	WithConnotation(Nullable<ActionConnotation>)
PX.Data.Workflo wAPI	BoundedTo < TGraph,TPri mary>+Assi g nment+Con fi guratorAssi g nment	set_MoveBefore(Boolean)

PX.Data.Workflo wAPI	BoundedTo < TGraph,TPri mary>+Assi g nment+Con fi guratorAssi g nment	Place(String,Boolean)
PX.Data.Workflo wAPI	BoundedTo < TGraph,TPri mary>+Flo w State	get_Identifier()
PX.Data.Workflo wAPI	BoundedTo < TGraph,TPri mary>+Flo w State	set_Identifier(String)
PX.Data.Workflo wAPI	BoundedTo < TGraph,TPri mary>+Flo w State	get_FieldStates()
PX.Data.Workflo wAPI	BoundedTo < TGraph,TPri mary>+Flo w State	get_Actions()



## Database Changes

PX.Data.Workflow wAPI	BoundedTo < TGraph,TPri mary>+Flo w State	get_EventHandlers()
PX.Data.Workflow wAPI	BoundedTo < TGraph,TPri mary>+Flo w State+Flow StateBuilder	Create(String,Func<BoundedTo<TGraph,TPri mary>+Flow State+IN eedAnyConfigState,BoundedTo<TGraph,TPri mary>+Flow State+IC onfigured>)
PX.Data.Workflow wAPI	BoundedTo < TGraph,TPri mary>+Flo w State+Flow StateBuilder	Create<TStateID>(Func<BoundedTo<TGraph,TPri mary>+Flow State e+INeedAnyConfigState,BoundedTo<TGraph,TPri mary>+Flow State e+IConfigured>)
PX.Data.Workflow wAPI	BoundedTo < TGraph,TPri mary>+For m Field+INeed T	WithComboBoxField(String)

Namespace	Parent Class	Method	Comment
	TypeConfigField		

## Database Changes

PX.Data.WorkflowAPI	BoundedTo< TGraph,TPri mary>+Form Field+INeedT ypeConfigFie ld	WithCheckBoxField(String)
PX.Data.WorkflowAPI	BoundedTo< TGraph,TPri mary>+Form Field+IAllow OptionalConf ig	ControlSize(BoundedTo<TGraph,TPri mary>+Fo rmField+FormField ControlSize)
PX.Data.WorkflowAPI	BoundedTo< TGraph,TPri mary>+Form Field+Config uratorField	set_MoveBefore(Boolean)
PX.Data.WorkflowAPI	BoundedTo< TGraph,TPri mary>+Form Field+Config uratorField	WithComboBoxField(String)
PX.Data.WorkflowAPI	BoundedTo< TGraph,TPri mary>+Form Field+Config uratorField	WithCheckBoxField(String)
PX.Data.WorkflowAPI	BoundedTo< TGraph,TPri mary>+Form	WithControlSize(BoundedTo<TGraph,TPri mary>+FormField+Form FieldControlSize)

## Database Changes

Namespace	Parent Class	Method	Comment
	Field+ConfiguratorField		
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Form Field+Config uratorField	Place(String,Boolean)	
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Scree nConfigurati on+IAllowOp tionalConfig	WithHandlers(Action<BoundedTo<TGraph,TPri mary>+Workflo wEventHandlerDefinition+IContainerFillerActions>)	
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Scree nConfigurati on+Configur atorScreen	WithHandlers(Action<BoundedTo<TGraph,TPri mary>+Workflo wEventHandlerDefinition+ContainerAdjusterActions>)	
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+INeedS ource	From(BoundedTo<TGraph,TPri mary>+FlowState+IConfigured)	
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+INeedT arget	To(BoundedTo<TGraph,TPri mary>+FlowState+IConfigured)	

PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+IAllow	PlaceBefore(Func<BoundedTo<TGraph,TPri mary>+Transition+ Con nfiguratorTransition,BoundedTo<TGraph,TPri mary>+Transition +C onfiguratorTransition>)
	OptionalCon fig	
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+IAllow OptionalCon fig	PlaceAfter(Func<BoundedTo<TGraph,TPri mary>+Transition+ Con nfiguratorTransition,BoundedTo<TGraph,TPri mary>+Transition+ C onfiguratorTransition>)
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+Config u ratorTransiti on	set_MoveBefore(Boolean)
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+Config u ratorTransiti on	From(BoundedTo<TGraph,TPri mary>+FlowState+IConfigured)

## Database Changes

PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+Config u ratorTransiti on	To(BoundedTo<TGraph,TPri mary>+FlowState+IConfigured)
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+Config u ratorTransiti on	Place(String,Boolean)
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+IContai nerFillerTran sitions	AddGroupFrom(BoundedTo<TGraph,TPri mary>+FlowState+IC onfi gured,Action<BoundedTo<TGraph,TPri mary>+Transition+ISour ce ContainerFillerTransitions>)
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+Contai nerAdjusterT ransitions	AddGroupFrom(BoundedTo<TGraph,TPri mary>+FlowState+IC onfi gured,Action<BoundedTo<TGraph,TPri mary>+Transition+ISour ce ContainerFillerTransitions>)
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+Contai nerAdjusterT ransitions	ReplaceGroupFrom(BoundedTo<TGraph,TPri mary>+FlowState +IC onfigured,Action<BoundedTo<TGraph,TPri mary>+Transition+I SourceContainerFillerTransitions>)

## Database Changes

PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+Contai nerAdjusterT ransitions	UpdateGroupFrom(BoundedTo<TGraph,TPri mary>+FlowState +IC onfigured,Action<BoundedTo<TGraph,TPri mary>+Transition+S ourceContainerFillerTransitions>)
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Trans ition+Contai nerAdjusterT ransitions	RemoveGroupFrom(BoundedTo<TGraph,TPri mary>+FlowState +IC onfigured)
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Work flow+INeedS tatesFlow	WithFlowStates(Action<BoundedTo<TGraph,TPri mary>+FlowSt ate+IContainerFillerStates>)
PX.Data.WorkflowAPI	BoundedTo<TGraph,TPri mary>+Work flow+Config u ratorFlow	WithFlowStates(Action<BoundedTo<TGraph,TPri mary>+FlowSt ate+ContainerAdjusterStates>)
PX.Data.WorkflowAPI	ReadOnly+Fl owState	Publish(PXSystemWorkflowContainer,AUWorkflowState)
PX.Data.WorkflowAPI	SelectedEntit yEvent<TEnti ty>	FireOn<TCacheType>(PXGraph,TEntity)
PX.Data.EP	ActivityServic e	Register(IActivityService)

## Database Changes

PX.Data.EP	ActivityService	Select(Object,Nullable<Int32>)
PX.Data.EP	ActivityService	GetKeys(Object)
PX.Data.EP	ActivityService	ShowTime(Object)
PX.Data.EP	ActivityService	GetStartDate(Object)
PX.Data.EP	ActivityService	GetEndDate(Object)
PX.Data.EP	ActivityService	GetTitle(Object)
PX.Data.EP	ActivityService	GetImage(Object)
PX.Data.EP	ActivityService	IsViewed(Object)
PX.Data.EP	ActivityService	Open(String)
PX.Data.EP	ActivityService	Dismiss(String)
PX.Data.EP	ActivityService	Defer(String,Int32)
PX.Data.EP	ActivityService	Complete(String)
PX.Data.EP	ActivityService	Cancel(String)
PX.Data.EP	ActivityService	ShowAll(Object)

## Database Changes

PX.Data.EP	ActivityService	GetCount(Object)
PX.Data.EP	ActivityService	GetCounts()
PX.Data.EP	ActivityService	GetActivityTypes()
PX.Data.EP	ActivityService	CreateTask(Object)
PX.Data.EP	ActivityService	CreateEvent(Object)
PX.Data.EP	ActivityService	CreateActivity(Object,String)
PX.Data.EP	ActivityService	CreateEmailActivity(Object,Int32)
PX.Data.EP	ActivityService	OpenMailPopup(String)
PX.Data.Update	InstallationPolicy	get_CepReportingServer()
PX.Data.Process	AuditBatch	get_Screen()
PX.Data.Process	AuditBatch	set_Screen(String)
PX.Data.Maintenance.GI	GenericInquiryDesigner	get_DACRegistry()
PX.Data.Maintenance.GI	GenericInquiryDesigner	set_DACRegistry(IDACRegistry)
ReconciliationTools	APGLDiscrepancyByDocumentEnqResult	get_GLTurnover()



## Database Changes

ReconciliationTools	APGLDiscrepancyByDocumentEnqResult	set_GLTurnover(Nullable<Decimal>)	
PX.Objects.GDPR	GDPRPersonalDataProcessBase	ProcessImpl(IEnumerable<IBqlTable>,Boolean,Nullable<Guid>)	
PX.Objects.GDPR	GDPRPseudonymizeProcess	DeleteSearchIndex(Nullable<Guid>)	
PX.Objects.GDPR	GDPRPseudonymizeProcess	PseudonymizeChilds(PXGraph,Type,IEnumerable<PXPersonalDataFieldAttribute>,IEnumerable<Object>)	
PX.Objects.GDPR	GDPRPseudonymizeProcess	WipeAudit(PXGraph,Type,IEnumerable<PXPersonalDataFieldAttribute>,IEnumerable<Object>)	
PX.Objects.TX	AddressConverter	ConvertTaxAddress(IAddressBase)	The signature has been changed as follows: ConvertTaxAddress(IAddressLocation).
PX.Objects.TX	ExternalTaxBase<TGraph>	IsEmptyAddress(IAddressBase)	The signature has been changed as follows: IsEmptyAddress(IAddressLocation).
PX.Objects.TX	SVATTaxFilter	get_BranchID()	The SVATTaxFilter.BranchID field was replaced with OrgBAccountID. The corresponding controls were also modified: PXSegmentMask

## Database Changes

Namespace	Parent Class	Method	Comment
			ID="edBranchID" was replaced with PXBranchSelector ID="edOrgBAccountID".
PX.Objects.TX	SVATTaxFilter	set_BranchID(Nullable<Int32>)	The SVATTaxFilter.BranchID field was replaced with OrgBAccountID. The corresponding controls were also modified: PXSegmentMask ID="edBranchID" was replaced with PXBranchSelector ID="edOrgBAccountID".
PX.Objects.TX	TaxHistorySummaryManager	RecalcCurrency(Currency,CurrencyRate,Decimal)	
PX.Objects.SO	SOOrderType	get_CanHaveApplications()	
PX.Objects.SO	SOPickerListEntry+IsUnassignedAttribute	IsUnassignable(PXGraph,Nullable<Int32>)	
PX.Objects.SO	LSSOLine	DeductAllocated(PXCache,SOLine,IQtyAllocated)	
PX.Objects.SO	SOInvoiceEntry	ViewExternalTransaction(PXAdapter)	The hidden button was removed. This button opened the External Transaction form, which was removed from the system.
PX.Objects.SO	SOInvoiceEntry	InvoiceOrder(DateTime,PXResult<SOOrderShipment,SOOrder,CurrencyInfo,SOAddress,SOContact>,Customer,InvoiceList,PXQuickProcess+ActionFlow)	

## Database Changes

PX.Objects.SO	SOInvoiceEntry	InvoiceOrder(DateTime,PXResult<SOOrderShipment,SOOrder,CurrencyInfo,SOAddress,SOContact>,PXResultset<SOShipLine,SOLine>,Customer,InvoiceList)
PX.Objects.SO	SOInvoiceEntry	InvoiceOrder(DateTime,PXResult<SOOrderShipment,SOOrder,CurrencyInfo,SOAddress,SOContact>,PXResultset<SOShipLine,SOLine>,Customer,InvoiceList,PXQuickProcess+ActionFlow,Boolean)
PX.Objects.SO	SOInvoiceEntry	FindOrCreateInvoice(DateTime,PXResult<SOOrderShipment,SOOrder,CurrencyInfo,SOAddress,SOContact>,InvoiceList,Boolean)
PX.Objects.SO	SOPaymentProcess	ProcessInvoice(String,SOInvoiceEntry,CreatePaymentExtBase<SOInvoiceEntry,ARInvoiceEntry,ARInvoice,ARAdjust2,ARAdjust>,ARPaymentEntry,ARPaymentEntry+PaymentTransaction,SOPaymentProcessResult)
PX.Objects.SO	SOPaymentProcess	ProcessOrder(String,SOOrderEntry,CreatePaymentExtBase<SOOrderEntry,SOOrder,SOAdjust>,ARPaymentEntry,ARPaymentEntry+PaymentTransaction,SOPaymentProcessResult)
PX.Objects.SO	SOPaymentProcess	RunAction<TGraph,TFirstGraph,TDocument,TDocumentAdjust,TPaymentAdjust>(String,ARPaymentEntry,ARPaymentEntry+PaymentTransaction,TDocumentAdjust,CreatePaymentExtBase<TGraph,TFirstGraph,TDocument,TDocumentAdjust,TPaymentAdjust>)
PX.Objects.SO	SOPaymentProcess	GetErrorDescription(ARPaymentEntry,ARPaymentEntry+PaymentTransaction,SOPaymentProcessResult)

## Database Changes

PX.Objects.SO	SOPickingWorksheetProcess	PrintPickList(SOPickingWorksheetProcess+HeaderSettings,IEnumerable<SOShipment>)
PX.Objects.SO	SOShipmentEntryUnlinkWorksheetExt	unlinkFromWorksheet()
PX.Objects.SO	SOShipmentEntry	UpdateOrigValues(SOShipLine&,SOLine,INItemPlan,Nullable<Decimal>)
PX.Objects.SO.WMS	PickPackShip+PackMode+Logic	get_HasUnconfirmedBoxes()
PX.Objects.SO.WMS	PickPackShip+PickMode+Logic	reviewReturn(PXAdapter)
PX.Objects.SO.WMS	PickPackShip+ConfirmShipmentCommand+Logic	CloseShipmentUserLinks(PXGraph,String)
PX.Objects.SO.WMS	PickPackShip+ConfirmShipmentCommand+Logic	UseExternalShippingApplication(SOShipment,Carrier&)
PX.Objects.SO.WMS	PickPackShip+ConfirmShipmentCommand+Logic	UseExternalShippingApplication(PXGraph,SOShipment,Carrier&)

## Database Changes

PX.Objects.SO.WMS	PickPackShip+ReturnModule+Logic	reviewPick(PXAdapter)
PX.Objects.SO.WMS	WaveBatchPicking	reviewPickWS(PXAdapter)
PX.Objects.SO.WMS	WaveBatchPicking	get_WorksheetNbr()
PX.Objects.SO.WMS	WaveBatchPicking	set_WorksheetNbr(String)
PX.Objects.SO.WMS	WaveBatchPicking	get_PickerNbr()
PX.Objects.SO.WMS	WaveBatchPicking	set_PickerNbr(Nullable<Int32>)
PX.Objects.SO.WMS	WaveBatchPicking	get_PickList()
PX.Objects.SO.WMS	WaveBatchPicking	get_ShipmentSpecialPickType()
PX.Objects.SO.WMS	WaveBatchPicking	IsLocationMissing(INLocation,Validation&)
PX.Objects.SO.WMS	WaveBatchPicking	IsItemMissing(PXResult<INItemXRef,InventoryItem>,Validation&)
PX.Objects.SO.WMS	WaveBatchPicking	IsLotSerialMissing(String,Validation&)
PX.Objects.SO.WMS	WaveBatchPicking	IsSelectedSplit(SOPickerListEntry)
PX.Objects.SO.WMS	WaveBatchPicking	SetLotSerialNbrAndQty(SOPickerListEntry,Decimal)

## Database Changes

PX.Objects.SO.WMS	WaveBatchPicking	get_CanWBPick()
PX.Objects.SO.WMS	WaveBatchPicking	DecorateLocationState(WarehouseManagementSystem<TSelf, TGraph>+LocationState)
PX.Objects.SO.WMS	WaveBatchPicking	DecorateInventoryState(WarehouseManagementSystem<TSelf, TGraph>+InventoryItemState)
PX.Objects.SO.WMS	WaveBatchPicking	DecorateLotSerialState(WarehouseManagementSystem<TSelf, TGraph>+LotSerialState)
PX.Objects.SO.WMS	WaveBatchPicking	DecorateExpireDateState(WarehouseManagementSystem<TSelf, TGraph>+ExpireDateState)
PX.Objects.SO.WMS	WaveBatchPicking	get_DocumentIsConfirmed(Func<Boolean>)
PX.Objects.SO.WMS	WaveBatchPicking	get_DocumentLoaded(Func<Boolean>)
PX.Objects.SO.WMS	WaveBatchPicking+WavePickMode+Logging	get_NextShipmentWithoutTote()
PX.Objects.SO.WMS	WaveBatchPicking+ConfirmState+Logic	SyncWithCart(PPSCartSupport,SOPickerListEntry,Decimal)

## Database Changes

PX.Objects.SO.WMS	WaveBatchPicking+ConfirmState+Logic	EnsurePickerCartSplitLink(PPSCartSupport,SOPickerListEntry,INCa rtSplit,Decimal)
PX.Objects.SO.WMS	WaveBatchPicking+AlterP	get_WBBasis()
	ackConfirmL ogic	
PX.Objects.SO.WMS	WaveBatchScanHeader	get_WorksheetNbr()
PX.Objects.SO.WMS	WaveBatchScanHeader	set_WorksheetNbr(String)
PX.Objects.SO.WMS	WaveBatchScanHeader	get_PickerNbr()
PX.Objects.SO.WMS	WaveBatchScanHeader	set_PickerNbr(Nullable<Int32>)
PX.Objects.SO.GraphExtensions	CreatePaymentExtBase<TGraph,TFirstGraph,TDocument,TDocumentAdjust,TPaymentAdjust>	ExecutePaymentTransactionAction(Action<TDocumentAdjust,ARR PaymentEntry,ARPaymentEntry+PaymentTransaction>)

PX.Objects.SO.GraphExtensions	CreatePaymentExtBase<TGraph, TFirstGraph, TDocument, TDocumentAdjust, TPaymentAdjust>	CapturePayment(TDocumentAdjust, ARPaymentEntry, ARPaymentEntry+PaymentTransaction)
PX.Objects.SO.GraphExtensions	CreatePaymentExtBase<TGraph, TFirstGraph, TDocument, TDocumentAdjust, TPaymentAdjust>	VoidPayment(TDocumentAdjust, ARPaymentEntry, ARPaymentEntry+PaymentTransaction)
PX.Objects.SO.GraphExtensions	CreatePaymentExtBase<TGraph, TFirstGraph, TDocument, TDocumentAdjust, TPaymentAdjust>	VoidCCTransactionForReAuthorization(TDocumentAdjust, ARPaymentEntry, ARPaymentEntry+PaymentTransaction)



## Database Changes

PX.Objects.SO.GraphExtensions	CreatePaymentExtBase<TGraph, TFirstGraph, TDocument, TDocumentAdjust, TPaymentAdjust>	ValidatePayment(TDocumentAdjust, ARPaymentEntry, ARPaymentEntry+PaymentTransaction)
PX.Objects.SO.GraphExtensions	CreatePaymentExtBase<TGraph, TFirstGraph, TDocument, TDocumentAdjust, TPaymentAdjust>	AuthorizePayment(TDocumentAdjust, ARPaymentEntry, ARPaymentEntry+PaymentTransaction)
PX.Objects.SO.GraphExtensions.SOIInvoiceEntryExt	CreatePaymentExt	AuthorizePayment(ARAdjust2, ARPaymentEntry, ARPaymentEntry+PaymentTransaction)
PX.Objects.SO.GraphExtensions.SOIInvoiceEntryExt	CreatePaymentExt	VoidPayment(ARAdjust2, ARPaymentEntry, ARPaymentEntry+PaymentTransaction)
PX.Objects.SO.GraphExtensions.SOIInvoiceEntryExt	CreatePaymentExt	CapturePayment(ARAdjust2, ARPaymentEntry, ARPaymentEntry+PaymentTransaction)

## Database Changes

PX.Objects.RUTROT	RUTROTManager<Doc,Tran,DocExt,TranExt>	.ctor(PXGraph,PXSelectBase<RUTROT>,PXSelectBase<RUTROT Distribution>,PXSelectBase<Doc>,PXSelectBase<Tran>,PXSelectBase<CurrencyInfo>)
PX.Objects.RQ	RQRequestEnq	Details(PXAdapter)
PX.Objects.RQ	RQRequestProcess	Details(PXAdapter)
PX.Objects.PO	POAccrualSplit+PK	Find(PXGraph,Nullable<Guid>,Nullable<Int32>,String,String,String,Nullable<Int32>,String,Nullable<Int32>)
PX.Objects.PO	POShipAddressAttribute	CreateAddressView(PXCache,Object,Boolean)
PX.Objects.PO	POShipContactAttribute	CreateContactView(PXCache,Object,Boolean)
PX.Objects.PO	POCreate	EnumerateAndPrepareFixedDemandRow(POFixedDemand,Vendor,POVendorInventory)
PX.Objects.PO	POCreate	CreateProc(List<POFixedDemand>,Nullable<DateTime>,Boolean)
PX.Objects.PO	POCreate	CreatePOOrders(List<POFixedDemand>,Nullable<DateTime>,Boolean)
PX.Objects.PO	POItemCostManager	Fetch<InventoryIDField,CuryInfoIDField>(PXGraph,Object,Nullable<Int32>,Nullable<Int32>,Nullable<DateTime>,String,Nullable<Int32>,Nullable<Int32>,Nullable<Int32>,String)

## Database Changes

PX.Objects.PO	POItemCost Manager	Fetch(PXGraph,Nullable<Int32>,Nullable<Int32>,Nullable<DateTime>,String,Nullable<Int32>,Nullable<Int32>,Nullable<Int32>,String)
PX.Objects.PO	POItemCost Manager	Fetch(PXGraph,Nullable<Int32>,Nullable<Int32>,Nullable<DateTime>,String,String,Nullable<Int32>,Nullable<Int32>,Nullable<Int32>,String)
PX.Objects.PO	POItemCost Manager	Fetch(PXGraph,Nullable<Int32>,Nullable<Int32>,Nullable<DateTime>,String,Nullable<Int32>,Nullable<Int32>,Nullable<Int32>,String,Boolean)
PX.Objects.PO	POItemCost Manager+ItemCost	Convert<InventoryIDField,CuryInfoIDField>(PXGraph,Object,String)
PX.Objects.PO	POItemCost Manager+ItemCost	Convert<InventoryIDField,CuryInfoIDField>(PXGraph,Object,Object,String)
PX.Objects.PO	POReceiptEntry	Action(PXAdapter)
PX.Objects.PO	POReceiptEntry	CheckLocationTaskRule(PXCache,POReceiptLine,Object)
PX.Objects.PO	POReceiptEntry	CheckOrderTaskRule(PXCache,POReceiptLine,Nullable<Int32>)
PX.Objects.PO	POReceiptEntry	CheckForSingleLocation(PXCache,POReceiptLine)
PX.Objects.PO	POReceiptEntry	CheckSplitsForSameTask(PXCache,POReceiptLine)
PX.Objects.PO.LandedCosts	LandedCost A	CreateLandedCostBill(POLandedCostDoc,IEnumerable<POLanded

## Database Changes

	PBillFactory	CostDetail>,IEnumerable<POLandedCostTaxTran>
PX.Objects.PM	ChangeOrderEntry	SendReport(String,PMChangeOrder)
PX.Objects.PM	CostCodeDimensionSelectorAttribute	GetValidationWarning(Int32)
PX.Objects.PM	CostCodeSelectorAttribute	GetValidationWarning(Int32)
PX.Objects.PM	ProformaEntry	SendReport(String,PMProforma)
PX.Objects.PM.GraphExtensions	INReleaseProcessExt	CopyProjectFromLine(GLTran,INReleaseProcess+GLTranInsertionContext)
PX.Objects.IN	INItemClass	get_DfltSiteID()
PX.Objects.IN	INItemClass	set_DfltSiteID(Nullable<Int32>)
PX.Objects.IN	INItemClassRep+PK	Find(PXGraph,Nullable<Int32>,String)
PX.Objects.IN	INItemRep+PK	Find(PXGraph,Nullable<Int32>,String)
PX.Objects.IN	INItemCost	get_InventoryID()
PX.Objects.IN	INItemCost	set_InventoryID(Nullable<Int32>)
PX.Objects.IN	INItemCost	get_LastCost()
PX.Objects.IN	INItemCost	set_LastCost(Nullable<Decimal>)
PX.Objects.IN	INItemCost	get_LastCostDate()

## Database Changes

PX.Objects.IN	INItemCost	set_LastCostDate(Nullable<DateTime>)
PX.Objects.IN	INItemCost	get_NextCostDate()
PX.Objects.IN	INItemCost	set_NextCostDate(Nullable<DateTime>)
PX.Objects.IN	INItemCost	get_TotalCost()
PX.Objects.IN	INItemCost	set_TotalCost(Nullable<Decimal>)
PX.Objects.IN	INItemCost	get_QtyOnHand()
PX.Objects.IN	INItemCost	set_QtyOnHand(Nullable<Decimal>)
PX.Objects.IN	INItemCost	get_AvgCost()
PX.Objects.IN	INItemCost	set_AvgCost(Nullable<Decimal>)
PX.Objects.IN	INItemCost	get_MinCost()
PX.Objects.IN	INItemCost	set_MinCost(Nullable<Decimal>)
PX.Objects.IN	INItemCost	get_MaxCost()
PX.Objects.IN	INItemCost	set_MaxCost(Nullable<Decimal>)
PX.Objects.IN	INItemCost	get-TranUnitCost()
PX.Objects.IN	INItemCost	set-TranUnitCost(Nullable<Decimal>)
PX.Objects.IN	INItemCost+PK	Find(PXGraph,Nullable<Int32>)
PX.Objects.IN	INReceiptStatus+PK	Find(PXGraph,String,Nullable<Int32>,Nullable<Int32>,Nullable<Int32>,String,Nullable<Int32>,Nullable<Int32>)
PX.Objects.IN	LSSelect<TLSTLSMaster,TLSDetail,Where>	Summarize(PXCache,Object,INLotSerialStatus)
PX.Objects.IN	LSSelect<TLSTLSMaster,TLSDetail,Where>	IssueNumbersInt(PXCache,TLSTLSMaster,PXResult<InventoryItem,IN LotSerClass>,Decimal)

## Database Changes

PX.Objects.IN	LSSelect<TLS Master, TLSDetail, Where>	AvailabilityCheck(PXCache, ILSMaster, IQtyAllocated)	
PX.Objects.IN	LSSelect<TLS Master, TLSDetail, Where>	GetAvailabilityCheckErrors(PXCache, ILSMaster, IQtyAllocated)	
PX.Objects.IN	LSSelect<TLS Master, TLSDetail, Where>	AvailabilityFetch<TNode>(ILSDetail, IQtyAllocated, IStatus, AvailabilityFetchMode)	
PX.Objects.IN	PXPriceCostAttribute	MinPrice(InventoryItem, INItemCost)	
PX.Objects.IN	INReleaseProcess	get_BaseCuryID()	
PX.Objects.IN	INReleaseProcess	AccumulatedLotSerialStatus(INTranSplit, INLotSerClass)	Moved to the following graph extension: PX.Objects.CR.Extensions.CRCreateSalesOrder.CRCreatSalesOrder<TDiscountExt, TGraph, TMaster>.
PX.Objects.IN	INReleaseProcess	AccumulatedTransitLotSerialStatus(INTranSplit, INLotSerClass, INTransitLine)	Moved to the following graph extension: PX.Objects.CR.Extensions.CRCreateSalesOrder.CRCreatSalesOrder<TDiscountExt, TGraph, TMaster>.

## Database Changes

PX.Objects.IN	INReleaseProcess	UpdateCrossReference(INTranSplit,InventoryItem,INLocation)	Moved to PX.Objects.CR.Extensions.CRCreationVoice.CRCreationInvoice<TDiscountExt, TGraph, TMaster>.
PX.Objects.IN	INReleaseProcess	UpdateSplitDestinationLocation(INTranSplit,Nullable<Int32>)	Moved to PX.Objects.CR.Extensions.CRCreationVoice.CRCreationInvoice<TDiscountExt, TGraph, TMaster>.
PX.Objects.IN	INItemSiteMaint	DefaultItemSiteByItem(PXGraph,INItemSite,InventoryItem,INSite,INPostClass)	Use the method from the QuoteMaint graph instead.
PX.Objects.IN	INPIEntry	CreateProjectedTran(INPIDetail,Boolean,Nullable<Decimal>,Nullable<Decimal>,Nullable<Decimal>,String,Nullable<Int32>,Nullable<Int32>)	Use the method from the QuoteMaint graph instead.
PX.Objects.IN	INRegisterEntryBase	DefaultUnitCost(PXCache,INTran)	Use the method from the QuoteMaint graph instead.
PX.Objects.IN	INRegisterEntryBase	DefaultUnitAmount<TUnitAmount>(PXCache,INTran)	Use the method from the QuoteMaint graph instead.
PX.Objects.IN	INTransferEntry	CheckSplitsForSameTask(PXCache,INTran)	Was not used or exposed to UI.
PX.Objects.IN	InventoryAllocDetEnq	AdjustPrevResult(Type,List<InventoryAllocDetEnqResult>,InventoryAllocDetEnq+INItemPlan,Nullable<Guid>)	Was not used or exposed to UI.

## Database Changes

PX.Objects.IN	InventoryAllocDetEnq+ItemPlanWithExtraInfo	get_ShipmentItemPlanToSOOrderItemPlanLinks()	Use the built-in Action action to access the More menu.
PX.Objects.IN	InventoryAllocDetEnq+ItemPlanWithExtraInfo	get_ReceiptItemPlanToPOOrderItemPlanLinks()	Moved to QuoteMaint (as EditQuote(PXAdapter))
PX.Objects.IN	InventoryAllocDetEnq+ItemPlanWithExtraInfo	.ctor(PXResult<InventoryAllocDetEnq+INItemPlan,INPlanType,InventoryAllocDetEnq+INLocation,INLotSerialStatus,InventoryAllocDetEnq+BAccount,INSubItem,InventoryAllocDetEnq+INSite,InventoryAllocDetEnq+SOOrderShipment,InventoryAllocDetEnq+ARRegister,InventoryAllocDetEnq+POOrderReceipt,InventoryAllocDetEnq+INRegister,InventoryAllocDetEnq+SOOrder,InventoryAllocDetEnq+POOrder,InventoryAllocDetEnq+INTransitLine>,IEnumerable<InventoryAllocDetEnq+SOOrderShipment>,IEnumerable<InventoryAllocDetEnq+POOrderReceipt>)	
PX.Objects.IN	InventoryTransactionSumEnq	Viewsfolder(PXAdapter)	
PX.Objects.IN.RelatedItems	RelatedItemsTab<TGraph>	IsActive()	



## Database Changes

PX.Objects.FA	DisposalProcess+DisposalFilter	get_DeprBeforeDisposal()
PX.Objects.FA	DisposalProcess+DisposalFilter	set_DeprBeforeDisposal(Nullable<Boolean>)
PX.Objects.CS	BranchMaint+BranchBAccount	get_BAccountBaseCuryID()
PX.Objects.CS	BranchMaint+BranchBAccount	set_BAccountBaseCuryID(String)
PX.Objects.CS	FeaturesSet	get_MultipleMatchingForBankTransactions()
PX.Objects.CS	FeaturesSet	set_MultipleMatchingForBankTransactions(Nullable<Boolean>)
PX.Objects.Extensions.MultiCurrency	IPXCurrencyHelper	RoundCury(Decimal)
PX.Objects.Extensions.MultiCurrency	IPXCurrencyHelper	CuryConvBase(Decimal,Decimal&)
PX.Objects.Extensions.MultiCurrency	IPXCurrencyHelper	CuryConvBase(CurrencyInfo,Decimal,Decimal&)
PX.Objects.Extensions.MultiCurrency	IPXCurrencyHelper	CuryConvCury(Decimal,Decimal&)

## Database Changes

Namespace	Parent Class	Method	Comment
PX.Objects.Extensions.MultiCurrency	IPXCurrencyHelper	CuryConvCury(CurrencyInfo,Decimal,Decimal&)	
PX.Objects.Extensions.MultiCurrency	IPXCurrencyHelper	GetView(Type,Type)	
PX.Objects.Extensions.MultiCurrency	IPXCurrencyHelper	GetCuryID(Nullable<Int64>)	
PX.Objects.Extensions.MultiCurrency	IPXCurrencyHelper	GetBaseCuryID(Nullable<Int64>)	
PX.Objects.Extensions.MultiCurrency	Document	get_CuryViewState()	
PX.Objects.Extensions.MultiCurrency	Document	set_CuryViewState(Nullable<Boolean>)	
PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPrimary>	GetCuryID(Nullable<Int64>)	
PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPrimary>	GetBaseCuryID(Nullable<Int64>)	
PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPrimary>	RoundCury(Decimal)	

## Database Changes

PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPPrimary>	CuryConvBase(Decimal,Decimal&)
PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPPrimary>	CuryConvBase(CurrencyInfo,Decimal,Decimal&)
PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPPrimary>	CuryConvCury(Decimal,Decimal&)
PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPPrimary>	CuryConvCury(CurrencyInfo,Decimal,Decimal&)
PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPPrimary>	GetView(Type,Type)
PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPPrimary>	recalculateFieldBaseValue(PXCache,Object,Object,String,String,Boolean,String)
PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPPrimary> +CuryField	.ctor(String,String,Boolean,String)
PX.Objects.CN.Compliance.CL.Services	LienWaiverReportCreator	.ctor(PXGraph)

## Database Changes

PX.Objects.CM	PXDBBaseCuryAttribute	.ctor()	Because multiple base currencies for companies are now supported, and different currencies allow difference precisions, the default constructor was modified and requires a link to BranchID or CuryID fields (which can both be empty).
PX.Objects.CM	CurySymbolAttribute	.ctor(Type,Type,Type)	
PX.Objects.CM	PaymentEntry	CalcBalances<TInvoice,TAdjustment>(PXSelectBase<CurrencyInfo>,Nullable<Int64>,Nullable<DateTime>,TInvoice,TAdjustment)	
PX.Objects.CM	PaymentEntry	CalcBalances<TInvoice,TAdjustment>(PXSelectBase<CurrencyInfo>,Nullable<Int64>,Nullable<Int64>,TInvoice,TAdjustment)	
PX.Objects.CM	PaymentEntry	CalcBalances<TInvoice,TAdjustment>(PXSelectBase<CurrencyInfo>,Nullable<Int64>,Nullable<Int64>,TInvoice,TAdjustment,IDocumentTran)	
PX.Objects.CM	PaymentEntry	CalcBalance(PXSelectBase<CurrencyInfo>,Nullable<Int64>,Nullable<Int64>,Nullable<Decimal>,Nullable<Decimal>,Decimal&,Decimal&)	
PX.Objects.CM	PaymentEntry	CalcDiscount<TInvoice,TAdjustment>(Nullable<DateTime>,TInvoice,TAdjustment)	
PX.Objects.CM	PaymentEntry	AdjustBalance<TAdjustment>(PXSelectBase<CurrencyInfo>,TAdjustment)	

PX.Objects.CM	PaymentEntry	AdjustBalance<TAdjustment>(PXSelectBase<CurrencyInfo>,TAdjustment,Nullable<Int64>,Nullable<Decimal>,Nullable<Decimal>,Nullable<Decimal>,Boolean)
PX.Objects.CM	PaymentEntry	AdjustWhenTheSameCurYAndRate<TAdjustment>(PXSelectBase<CurrencyInfo>,TAdjustment,Nullable<Decimal>,Nullable<Decimal>,Boolean)
PX.Objects.CM	PaymentEntry	CalcRGOL(PXCache,CurrencyInfo,CurrencyInfo,CurrencyInfo,Nullable<Decimal>,Nullable<Decimal>,Nullable<Decimal>,Nullable<Decimal>,Decimal&,Decimal&)
PX.Objects.CM	PaymentEntry	CalcRGOL(PXCache,CurrencyInfo,CurrencyInfo,CurrencyInfo,Nullable<Decimal>,Nullable<Decimal>,Decimal&,Decimal&)
PX.Objects.CM	PaymentEntry	CalcRGOL<TInvoice,TAdjustment>(PXSelectBase<CurrencyInfo>,TInvoice,TAdjustment)
PX.Objects.CM	PaymentEntry	CalcRGOL<TInvoice,TAdjustment>(PXSelectBase<CurrencyInfo>,TInvoice,TAdjustment,IDocumentTran)
PX.Objects.CM.Extensions	PXCurrencyAttribute	.ctor(Type,Type,Type)
PX.Objects.CM.Extensions	PXDBCurrencyAttribute	.ctor(Type,Type,Type)
PX.Objects.GL.Reclassification.UI	ReclassifyTransactionsProcess	TryOpenForReclassification<TTran>(IEnumerable<TTran>,Ledger,Func<TTran,String>,PXView,String,String,PXBaseRedirectException+WindowMode)

## Database Changes

Namespace	Parent Class	Method	Comment
PX.Objects.GL.Reclassification.UI	ReclassifyTransactionsProcess	TryOpenForReclassification<TTran>(IEnumerable<TTran>,String,PXView,String,String,PXBaseRedirectException+WindowMode)	
PX.Objects.CA	CABankTransactionsMaint	AddCATransaction(ICADocSource,CurrencyInfo,IEnumerable<CASplit>,Boolean)	
PX.Objects.CA	CABankTransactionsMaint	AddCATransaction(PXGraph,ICADocSource,CurrencyInfo,IEnumerable<CASplit>,Boolean)	
PX.Objects.CA	CATranEntry	updateAmountPrice(CASplit,CASplit)	
PX.Objects.CA	CABankTran	get_CuryUnappliedBalCA()	
PX.Objects.CA	CABankTran	set_CuryUnappliedBalCA(Nullable<Decimal>)	
PX.Objects.CA	CABankTranMatch+PK	Find(PXGraph,Nullable<Int32>,Nullable<Int32>)	
PX.Objects.CA.BankStatementProtosHelpers	StatementApplicationBalancesProto	UpdateBalance(PXGraph,PXSelectBase<CurrencyInfo>,CABankTran,CABankTranAdjustment,Boolean)	
PX.Objects.CA.BankStatementProtosHelpers	StatementApplicationBalancesProto	PopulateAdjustmentFieldsAP(PXGraph,PXSelectBase<CurrencyInfo>,CABankTran,CABankTranAdjustment)	
PX.Objects.CA.BankStatementProtosHelpers	StatementApplicationBalancesProto	PopulateAdjustmentFieldsAR(PXGraph,PXSelectBase<CurrencyInfo>,CABankTran,CABankTranAdjustment)	
PX.Objects.CR	BusinessAccountMaint	activate(PXAdapter)	
PX.Objects.CR	BusinessAccount	putOnHold(PXAdapter)	

## Database Changes

	untMaint	
PX.Objects.CR	BusinessAcc o untMaint	putOnCreditHold(PXAdapter)
PX.Objects.CR	BusinessAcc o untMaint	removeCreditHold(PXAdapter)
PX.Objects.CR	BusinessAcc o untMaint	deactivate(PXAdapter)
PX.Objects.CR	BusinessAcc o untMaint	setAsOneTime(PXAdapter)
PX.Objects.CR	BusinessAcc o untMaint	setAsRegular(PXAdapter)
PX.Objects.CR	ContactMain t	activate(PXAdapter)
PX.Objects.CR	ContactMain t	deactivate(PXAdapter)
PX.Objects.CR	CREmailActiv ityMaint	Process()
PX.Objects.CR	CRLeadCont a ctValidationP rocess+Valid ationFilter	get_CloseNoActivityLeads()

## Database Changes

PX.Objects.CR	CRLeadContactValidationProcess+ValidationFilter	set_CloseNoActivityLeads(Nullable<Boolean>)
PX.Objects.CR	CRLeadContactValidationProcess+ValidationFilter	get_CloseThreshold()
PX.Objects.CR	CRLeadContactValidationProcess+ValidationFilter	set_CloseThreshold(Nullable<Decimal>)
PX.Objects.CR	CRSetupMaint	IsSignificantlyChanged(PXCache,Object,Object)
PX.Objects.CR	CRSetupMaint	ProcessBlockTypeChange<TThreshold>(CRValidationRules,Type[])
PX.Objects.CR	CRLead	get_LeadContactID()
PX.Objects.CR	CRLead	get_LeadNoteID()
PX.Objects.CR	CRLead	get_LeadCreatedByID()
PX.Objects.CR	CRLead	set_LeadCreatedByID(Nullable<Guid>)
PX.Objects.CR	CRLead	get_LeadCreatedByScreenID()



## Database Changes

Namespace	Parent Class	Method	Comment
PX.Objects.CR	CRLead	set_LeadCreatedByScreenID(String)	
PX.Objects.CR	CRLead	get_LeadCreatedDateTime()	
PX.Objects.CR	CRLead	set_LeadCreatedDateTime(Nullable<DateTime>)	
PX.Objects.CR	CRLead	get_LeadLastModifiedByID()	
PX.Objects.CR	CRLead	set_LeadLastModifiedByID(Nullable<Guid>)	
PX.Objects.CR	CRLead	get_LeadLastModifiedByScreenID()	
PX.Objects.CR	CRLead	set_LeadLastModifiedByScreenID(String)	
PX.Objects.CR	CRLead	get_LeadLastModifiedDateTime()	
PX.Objects.CR	CRLead	set_LeadLastModifiedDateTime(Nullable<DateTime>)	
PX.Objects.CR	CROpportuni tyClass	get_DiscountAcctID()	
PX.Objects.CR	CROpportuni tyClass	set_DiscountAcctID(Nullable<Int32>)	
PX.Objects.CR	CROpportuni tyClass	get_DiscountSubID()	
PX.Objects.CR	CROpportuni tyClass	set_DiscountSubID(Nullable<Int32>)	
PX.Objects.CR	CRSetup	get_ValidateContactDuplicatesOnEntry()	
PX.Objects.CR	CRSetup	set_ValidateContactDuplicatesOnEntry(Nullable<Boolean>)	
PX.Objects.CR	CRSetup	get_ValidateAccountDuplicatesOnEntry()	
PX.Objects.CR	CRSetup	set_ValidateAccountDuplicatesOnEntry(Nullable<Boolean>)	
PX.Objects.CR	CRSetup	get_LeadValidationThreshold()	
PX.Objects.CR	CRSetup	set_LeadValidationThreshold(Nullable<Decimal>)	
PX.Objects.CR	CRSetup	get_AccountValidationThreshold()	

## Database Changes

PX.Objects.CR	CRSetup	set_AccountValidationThreshold(Nullable<Decimal>)	
PX.Objects.CR	CRSetup	get_LeadToAccountValidationThreshold()	
PX.Objects.CR	CRSetup	set_LeadToAccountValidationThreshold(Nullable<Decimal>)	
PX.Objects.CR	CRSetup	get_CloseLeadsWithoutActivitiesScore()	
PX.Objects.CR	CRSetup	set_CloseLeadsWithoutActivitiesScore(Nullable<Decimal>)	
PX.Objects.CR	CRSetup	get_GrammValidationDateTime()	
PX.Objects.CR	CRSetup	set_GrammValidationDateTime(Nullable<DateTime>)	
PX.Objects.CR	LocationMaint	activate(PXAdapter)	
PX.Objects.CR	LocationMaint	deactivate(PXAdapter)	
PX.Objects.CR	OpportunityMaint	CreateInvoice(PXAdapter)	Moved to the following graph extension: PX.Objects.CR.Extensions.CRCreateSalesOrder.CRCreateSalesOrder<TDiscountExt, TGraph, TMaster>.
PX.Objects.CR	OpportunityMaint	DoCreateInvoice(OpportunityMaint+CreateInvoicesFilter)	Moved to the following graph extension: PX.Objects.CR.Extensions.CRCreateSalesOrder.CRCreateSalesOrder<TDiscountExt, TGraph, TMaster>.
PX.Objects.CR	OpportunityMaint	CreateSalesOrder(PXAdapter)	Moved to PX.Objects.CR.Extensions.CRCreateInvoice.CRCreateInvoice<TDiscountExt, TGraph, TMaster>.

## Database Changes

PX.Objects.CR	Opportunity Maint	DoCreateSalesOrder(OpportunityMaint+CreateSalesOrderFilter)	Moved to PX.Objects.CR.Extensions.CRCreatelnvoice.CRCreatelnvoice<TDiscountExt, TGraph, TMaster>.
PX.Objects.CR	Opportunity Maint	SendQuote(PXAdapter)	Use the method from the QuoteMaint graph instead.
PX.Objects.CR	Opportunity Maint	PrintQuote(PXAdapter)	Use the method from the QuoteMaint graph instead.
PX.Objects.CR	Opportunity Maint	SubmitQuote(PXAdapter)	Use the method from the QuoteMaint graph instead.
PX.Objects.CR	Opportunity Maint	EditQuote(PXAdapter)	Use the method from the QuoteMaint graph instead.
PX.Objects.CR	Opportunity Maint	viewOrder(PXAdapter)	Was not used or exposed to UI.
PX.Objects.CR	Opportunity Maint	viewInvoice(PXAdapter)	Was not used or exposed to UI.
PX.Objects.CR	QuoteMaint	ActionsFolder(PXAdapter)	Use the built-in Action action to access the More menu.
PX.Objects.CR	QuoteMaint Ext	editQuote(PXAdapter)	Moved to QuoteMaint (as EditQuote(PXAdapter))
PX.Objects.CR.Standalone	CRLead	get_NoteID()	
PX.Objects.CR.Standalone	CRLead	set_NoteID(Nullable<Guid>)	
PX.Objects.CR.Standalone	CRLead	get_Attributes()	
PX.Objects.CR.Standalone	CRLead	set_Attributes(String[])	

## Database Changes

PX.Objects.CR.Standalone	CRLead	get_tstamp()
PX.Objects.CR.Standalone	CRLead	set_tstamp(Byte[])
PX.Objects.CR.Standalone	CRLead	get_CreatedByID()
PX.Objects.CR.Standalone	CRLead	set_CreatedByID(Nullable<Guid>)
PX.Objects.CR.Standalone	CRLead	get_CreatedByScreenID()
PX.Objects.CR.Standalone	CRLead	set_CreatedByScreenID(String)
PX.Objects.CR.Standalone	CRLead	get_CreatedDateTime()
PX.Objects.CR.Standalone	CRLead	set_CreatedDateTime(Nullable<DateTime>)
PX.Objects.CR.Standalone	CRLead	get_LastModifiedByID()
PX.Objects.CR.Standalone	CRLead	set_LastModifiedByID(Nullable<Guid>)
PX.Objects.CR.Standalone	CRLead	get_LastModifiedByScreenID()
PX.Objects.CR.Standalone	CRLead	set_LastModifiedByScreenID(String)
PX.Objects.CR.Standalone	CRLead	get_LastModifiedDateTime()
PX.Objects.CR.Standalone	CRLead	set_LastModifiedDateTime(Nullable<DateTime>)

## Database Changes

PX.Objects.CR.Standalone	CRQuote	get_TermsID()	Moved to CROpportunityRevision.
PX.Objects.CR.Standalone	CRQuote	set_TermsID(String)	Moved to CROpportunityRevision.
PX.Objects.CR.Extensions	AddressLookupExtension<TGraph, TMaster, TAddress>	AddAction(String, String, PXButtonDelegate, Boolean, Boolean)	
PX.Objects.CR.Extensions.CRDuplicateEntities	CRDuplicateEntities<TGraph, TMain>	IsValidationOnEntryActive()	
PX.Objects.AR	ARCashSaleEntry	ViewExternalTransaction(PXAdapter)	The hidden button was removed. This button opened the External Transaction form, which was removed from the system.
PX.Objects.AR	ARCustomerCreditHoldProcess+CreditHoldParameters	get_Action()	
PX.Objects.AR	ARCustomerCreditHoldProcess+CreditHoldParameters	set_Action(String)	
PX.Objects.AR	ARDocumentEnq	FetchDetails(BqlCommand, Nullable<Int32>[], Boolean, List<Object>&, List<Object>&, List<Object>&, List<Object>&)	

## Database Changes

PX.Objects.AR	ARDocumentEnq	HandleDocument(ARDocumentEnq+ARDocumentResult,ARDocumentEnq+Ref+ARPayment,ARDocumentEnq+Ref+ARInvoice,ARDocumentEnq+ARDocumentFilter,List<Object>,List<Object>,List<Object>,List<Object>,Boolean)
PX.Objects.AR	ARDocumentEnq	PopDocument(ARDocumentEnq+ARDocumentResult,List<Object>)
PX.Objects.AR	ARDocumentEnq	GetFilterMasterPeriodForAdjust(ARDocumentEnq+ARDocumentFilter,FinPeriod)
PX.Objects.AR	ARDocumentEnq	SetValuesSign(ARDocumentEnq+ARDocumentResult)
PX.Objects.AR	ARDocumentEnq+ARDocumentResult	get_DisplayDocType()
PX.Objects.AR	ARDocumentEnq+ARDocumentResult	set_DisplayDocType(String)
PX.Objects.AR	ARDocumentEnq+ARDocumentResult	get_SelfVoidingDoc()
PX.Objects.AR	ARDocumentEnq+ARDocumentResult	set_SelfVoidingDoc(Nullable<Boolean>)
PX.Objects.AR	ARDocumentEnq+ARDocumentResult	get_CuryDiscTaken()

PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_CuryDiscTaken(Nullable<Decimal>)
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## Database Changes

Namespace	Parent Class	Method	Comment
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	get_DiscTaken()	
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_DiscTaken(Nullable<Decimal>)	
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	get_CuryDiscBal()	
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_CuryDiscBal(Nullable<Decimal>)	
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	get_DiscBal()	
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_DiscBal(Nullable<Decimal>)	
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	get_CuryRetainedTaxTotal()	
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_CuryRetainedTaxTotal(Nullable<Decimal>)	
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	get_RetainedTaxTotal()	



## Database Changes

PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_RetainedTaxTotal(Nullable<Decimal>)
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	get_CuryRetainedDiscTotal()
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_CuryRetainedDiscTotal(Nullable<Decimal>)
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	get_RetainedDiscTotal()
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_RetainedDiscTotal(Nullable<Decimal>)
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	get_Payable()
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_Payable(Nullable<Boolean>)
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	get_Paying()
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_Paying(Nullable<Boolean>)

## Database Changes

PX.Objects.AR	ARDocument Enq+ARDocu mentResult	get_IsComplementary()	
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_IsComplementary(Nullable<Boolean>)	
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	get_IsTurn()	
PX.Objects.AR	ARDocument Enq+ARDocu mentResult	set_IsTurn(Nullable<Boolean>)	
PX.Objects.AR	ARReleasePr ocess	get_ie()	
PX.Objects.AR	ARInvoiceEnt ry	ViewInvoice2(PXAdapter)	
PX.Objects.AR	ARInvoiceEnt ry	adjustments_2()	
PX.Objects.AR	ARInvoiceEnt ry+ARInvoice EntryDocum entExtension	GetAdjustMapping()	
PX.Objects.AR	ARPaymentE ntry	ViewExternalTransaction(PXAdapter)	The hidden button was removed. This button opened the External Transaction form, which was removed from the system.
PX.Objects.AR	ARPaymentE ntry	soadjustments()	

## Database Changes

PX.Objects.AR	ARPaymentEntry	CalcBalances<T>(SOAdjust,T,Boolean)	
PX.Objects.AR	ARPaymentEntry	CalcBalances<T>(SOAdjust,T,Boolean,Boolean)	
PX.Objects.AR	ARPaymentEntry	CalcBalances(SOAdjust,Boolean)	
PX.Objects.AR	ARPaymentEntry	CalcBalances(SOAdjust,Boolean,Boolean)	
PX.Objects.AR	ARPaymentEntry	RemoveNotchangedSalesOrdersFromCache()	
PX.Objects.AR	ARPaymentEntry	FillDiscAmts(ARAdjust)	
PX.Objects.AR	ARPaymentEntry	FillPPDAmts(ARAdjust)	
PX.Objects.AR	ARPaymentEntry	CalcBalances<T>(ARAdjust,T,Boolean,Boolean)	
PX.Objects.AR	ARPaymentEntry	CalcBalances<T>(ARAdjust,T,Boolean,Boolean,ARTran)	
PX.Objects.AR	ARSalesPriceMaint	CreateDefaultSalesPriceItemFromInventoryItem(InventoryItem, String)	
PX.Objects.AR	CCTransactionsHistoryEnq	viewExternalTransaction(PXAdapter)	The hidden button was removed. This button opened the External Transaction form, which was removed from the system.
PX.Objects.AR	CustomerMaint	activate(PXAdapter)	

## Database Changes

PX.Objects.AR	CustomerMa int	putOnHold(PXAdapter)	
PX.Objects.AR	CustomerMa int	putOnCreditHold(PXAdapter)	
PX.Objects.AR	CustomerMa int	removeCreditHold(PXAdapter)	
PX.Objects.AR	CustomerMa int	deactivate(PXAdapter)	
PX.Objects.AR	CustomerMa int	setAsOneTime(PXAdapter)	
PX.Objects.AR	CustomerMa int	setAsRegular(PXAdapter)	
PX.Objects.AR	CustomerMa int	UpdateChildAccountsStatus(PXCache, Customer, IEnumerable<Customer>, String)	
PX.Objects.AR	ARAdjust	set_DisplayCustomerID(String)	
PX.Objects.AR	ExternalTransactionValidation	viewExternalTransaction(PXAdapter)	The hidden button was removed. This button opened the External Transaction form, which was removed from the system.
PX.Objects.AR	FailedCCPaymentEnq	viewExternalTransaction(PXAdapter)	The hidden button was removed. This button opened the External Transaction form, which was removed from the system.
PX.Objects.AR.CC PaymentProcessing	CCPaymentProcessing	ShowAcceptPaymentForm(CCTranType, ICCPayment, String, Nullable<Int32>)	

## Database Changes

PX.Objects.AR.CC PaymentProcessing.Helpers	ExternalTransactionHelper	HasNeedSyncVoidOrImportedUnknown(PXGraph, IEnumerable<IExternalTransaction>)
PX.Objects.AR.CC PaymentProcessing.Helpers	ExternalTransactionHelper	HasSharedTransactionForRefundClearState(PXGraph, IEnumerable<IExternalTransaction>)
PX.Objects.AR.CC PaymentProcessing.Helpers	ExternalTransactionHelper	IsValidSharedVoidTransactionForRefund(PXGraph, IEnumerable<IExternalTransaction>)
PX.Objects.AR.CC PaymentProcessing.Helpers	ExternalTransactionHelper	GetLastProcessedExternalTransaction(IEnumerable<ExternalTransaction>, IEnumerable<CCProcTransaction>)
PX.Objects.Common	PXViewExtensions	SelectExternalWithPaging(PXView)
PX.Objects.Common	BalanceCalculation	CalculateApplicationDocumentBalance(PXCache, CurrencyInfo, CurrencyInfo, Nullable<Decimal>, Nullable<Decimal>)
PX.Objects.Common	BalanceCalculation	CalculateApplicationDocumentBalance(PXCache, ARPayment, IAAdjustment, CurrencyInfo, CurrencyInfo)
PX.Objects.Common.Extensions	PXCacheExtensions	VerifyFieldAndRaiseException<T>(PXCache, Object)
PX.Objects.EP	CommonMailReceiveProvider	.ctor()
PX.Objects.EP	EmployeeCostEngine	CalculateEmployeeCost(String, String, Nullable<Int32>, Nullable<Int32>, Nullable<Int32>, Nullable<Boolean>, String, Nullable<Int32>, DateTime)

## Database Changes

PX.Objects.AP	APDocument Enq	get_HandledDocuments()
PX.Objects.AP	APDocument Enq	GetFilterMasterPeriodForAdjust(APDocumentEnq+APDocumen tFilter,FinPeriod)
PX.Objects.AP	APDocument Enq	InvertValuesSign(APDocumentEnq+APDocumentResult)
PX.Objects.AP	APDocument Enq	FindInvoice(PXGraph,String,String)
PX.Objects.AP	APDocument Enq	FindPayment(PXGraph,String,String)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_VendorID()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_VendorID(Nullable<Int32>)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_AccountID()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_AccountID(Nullable<Int32>)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_SubCD()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_SubCD(String)

## Database Changes

PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_FinPeriodID()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_FinPeriodID(String)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_DocType()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_DocType(String)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_ShowAllDocs()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_ShowAllDocs(Nullable<Boolean>)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_IncludeUnreleased()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_IncludeUnreleased(Nullable<Boolean>)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_CuryID()

## Database Changes

PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_CuryID(String)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_CuryBalanceSummary()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_CuryBalanceSummary(Nullable<Decimal>)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_BalanceSummary()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_BalanceSummary(Nullable<Decimal>)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_CuryVendorBalance()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_CuryVendorBalance(Nullable<Decimal>)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_VendorBalance()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_VendorBalance(Nullable<Decimal>)



## Database Changes

PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_CuryVendorDepositsBalance()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_CuryVendorDepositsBalance(Nullable<Decimal>)
PX.Objects.AP	APDocument Enq+APDocu mentFilter	get_VendorDepositsBalance()
PX.Objects.AP	APDocument Enq+APDocu mentFilter	set_VendorDepositsBalance(Nullable<Decimal>)
PX.Objects.AP	APDocument Enq+APDocu mentResult	get_ExtRefNbr()
PX.Objects.AP	APDocument Enq+APDocu mentResult	set_ExtRefNbr(String)
PX.Objects.AP	APDocument Enq+APDocu mentResult	get_PaymentMethodID()
PX.Objects.AP	APDocument Enq+APDocu mentResult	set_PaymentMethodID(String)
PX.Objects.AP	APDocument Enq+APDocu mentResult	get_CuryBegBalance()

## Database Changes

PX.Objects.AP	APDocument Enq+APDocu mentResult	set_CuryBegBalance(Nullable<Decimal>)
PX.Objects.AP	APDocument Enq+APDocu mentResult	get_BegBalance()
PX.Objects.AP	APDocument Enq+APDocu mentResult	set_BegBalance(Nullable<Decimal>)
PX.Objects.AP	APDocument Enq+APDocu mentResult	get_CuryDiscActTaken()
PX.Objects.AP	APDocument Enq+APDocu mentResult	set_CuryDiscActTaken(Nullable<Decimal>)
PX.Objects.AP	APDocument Enq+APDocu mentResult	get_DiscActTaken()
PX.Objects.AP	APDocument Enq+APDocu mentResult	set_DiscActTaken(Nullable<Decimal>)
PX.Objects.AP	APDocument Enq+APDocu mentResult	get_Adjusted()
PX.Objects.AP	APDocument Enq+APDocu mentResult	set_Adjusted(Nullable<Boolean>)

## Database Changes

Namespace	Parent Class	Method	Comment
PX.Objects.AP	APDocument Enq+APDocu mentResult	get_Adjusting()	
PX.Objects.AP	APDocument Enq+APDocu mentResult	set_Adjusting(Nullable<Boolean>)	
PX.Objects.AP	APDocument Enq+APDocu mentResult	get_Retainage()	
PX.Objects.AP	APDocument Enq+APDocu mentResult	set_Retainage(Nullable<Boolean>)	
PX.Objects.AP	APReleasePr ocess	get_ie()	
PX.Objects.AP	APPayBills	CalcBalances(APAdjust,APInvoice,Boolean)	
PX.Objects.AP	APPaymentE ntry	FillDiscAmts(APAdjust)	
PX.Objects.AP	APPaymentE ntry	CalcBalances<T>(PXSelectBase<CurrencyInfo>,APAdjust,T,Boo lea n,Boolean)	
PX.Objects.AP	APPaymentE ntry	CalcBalances<T>(PXSelectBase<CurrencyInfo>,APAdjust,T,Boo lea n,Boolean,APTran)	
PX.Objects.AP	VendorMaint	activate(PXAdapter)	
PX.Objects.AP	VendorMaint	putOnHold(PXAdapter)	
PX.Objects.AP	VendorMaint	holdPayments(PXAdapter)	
PX.Objects.AP	VendorMaint	deactivate(PXAdapter)	

## Database Changes

PX.Objects.AP	VendorMaint	setAsOneTime(PXAdapter)
PX.Objects.AP	VendorMaint	setAsRegular(PXAdapter)
PX.Objects.AP	VendorMaint +VendorBalanceSummary	Init()
PX.Objects.FS	Appointment Entry	StartTravelMobile(PXAdapter)
PX.Objects.FS	Appointment Entry	CompleteTravelMobile(PXAdapter)
PX.Objects.FS	Appointment Entry	StartServiceMobile(PXAdapter)
PX.Objects.FS	Appointment Entry	StartForAssignedStaffMobile(PXAdapter)
PX.Objects.FS	Appointment Entry	CompleteServiceMobile(PXAdapter)
PX.Objects.FS	Appointment Entry	PauseServiceMobile(PXAdapter)
PX.Objects.FS	Appointment Entry	ResumeServiceMobile(PXAdapter)
PX.Objects.FS	Appointment Entry	StartStaffMobile(PXAdapter)
PX.Objects.FS	Appointment Entry	PauseStaffMobile(PXAdapter)
PX.Objects.FS	Appointment Entry	ResumeStaffMobile(PXAdapter)
PX.Objects.FS	Appointment Entry	Delegate_ProfitabilityRecords(PXCache,FSAppointment)

## Database Changes

PX.Objects.FS	Appointment Entry	SetBillServiceContractIDFromSO(PXCache,FSAppointment,Nullable<Int32>)
PX.Objects.FS	Appointment Entry	UpdateUnitCostsAndUnitPrices(PXGraph,PXCache,IEnumerable<FSAppointmentDet>,Nullable<Int32>)
PX.Objects.FS	Appointment Entry	SetLogActionDefaultSelection(String,Boolean)
PX.Objects.FS	Appointment Entry	SetLogActionPanelDefaults(String,String,Boolean)
PX.Objects.FS	Appointment Entry	VerifyBeforeAction(String,String)
PX.Objects.FS	Appointment Entry	EnableDisableTravelTimeMobileActions(PXCache,Object)
PX.Objects.FS	Appointment Entry	CopyAppointmentLineValues<TargetRowType,SourceRowType>(PXCache,Object,PXCache,Object,Boolean,Nullable<DateTime>,Boolean)
PX.Objects.FS	Appointment Entry	CopyDependentFieldsOfSODet<TargetRowType,SourceRowType>(PXCache,Object,PXCache,Object,Boolean)
PX.Objects.FS	FSLogTypeA c tion	GetDropDownList(String)
PX.Objects.FS	FSLogTypeA c tion	SetLineTypeList<TypeField>(PXCache,Object,String)
PX.Objects.FS	FSPostingBases<TGraph>	UpdateCostAndPrice(List<DocLineExt>)

## Database Changes

PX.Objects.FS	ServiceContractEntryBase<TGraph,TPri mary,TWhere>	MenuActions(PXAdapter)
PX.Objects.FS	ServiceContractEntryBase<TGraph,TPri mary,TWhere>	Inquiry(PXAdapter)
PX.Objects.FS	ServiceContractEntryBase<TGraph,TPri mary,TWhere>	GetTotalPrice(PXCache,FSContractPeriodDet)
PX.Objects.FS	LSFSSODetLine	DeductAllocated(PXCache,FSSODet,IQtyAllocated)
PX.Objects.FS	CreateInvoiceByAppointmentPost	UpdateUnitPricesAndCosts(List<AppointmentToPost>)
PX.Objects.FS	CreateInvoiceByServiceOrderPost	UpdateUnitPricesAndCosts(List<ServiceOrderToPost>)
PX.Objects.FS	SM_INReleases eProcess	UpdateCosts()
PX.Objects.FS	SM_INReleases eProcess	GetPostRegister()

## Database Changes

PX.Objects.FS	SM_INReleaseseProcess	UpdateCostInAppointmentDetail(PXGraph,PXCache,FSAppointment,FSAppointmentDet,INTran)
PX.Objects.FS	SM_INReleaseseProcess	UpdateCostTotalInAppointmentDocuments(PXGraph,PXCache,List<FSAppointment>)
PX.Objects.FS	SM_OpportunityMaint	CreateServiceOrderDocument(OpportunityMaint,CROpportunity,FSCreateServiceOrderFilter)
PX.Objects.FS	SM_OpportunityMaint	UpdateServiceOrderHeader(ServiceOrderEntry,PXCache,CROpportunity,FSCreateServiceOrderFilter,FSServiceOrder,CRContact,CRAAddress,Boolean)
PX.Objects.FS	SM_OpportunityMaint	ApplyChangesfromAddressInfo(ServiceOrderEntry,CRAAddress,FSAddress,Boolean&)
PX.Objects.FS	SM_OpportunityMaint	ApplyChangesfromContactInfo(ServiceOrderEntry,CRContact,FSContact,Boolean&)
PX.Objects.FS	SM_OpportunityMaint	InsertFSSODetFromOpportunity(ServiceOrderEntry,PXCache,CRSetup,CROpportunityProducts,FSxCROpportunityProducts,InventoryItem)
PX.Objects.FS	SM_OpportunityMaint	UpdateFSSODetFromOpportunity(PXCache,FSSODet,CROpportunityProducts,FSxCROpportunityProducts,String)
PX.Objects.FS	SM_OpportunityMaint	GetLineTypeFromInventoryItem(InventoryItem)
PX.Objects.FS	SM_OpportunityMaint	createServiceOrder()

## Database Changes

PX.Objects.FS	SM_POCreate	fixedDemand()
PX.Objects.FS	SM_SOOrderEntry	Configure(WorkflowContext<SOOrderEntry,SOOrder>)
PX.Objects.FS	SM_SOShipmentEntry	CreateShipment(CreateShipmentArgs,Action<CreateShipmentArgs>)
PX.Objects.FS	SM_SOShipmentEntry+CreateShipmentDelegate	Invoke(SOOrder,Nullable<Int32>,Nullable<DateTime>,Nullable<Boolean>,String,DocumentList<SOShipment>,PXQuickProcess+ActionFlow)
PX.Objects.FS	SM_SOShipmentEntry+CreateShipmentDelegate	BeginInvoke(SOOrder,Nullable<Int32>,Nullable<DateTime>,Nullable<Boolean>,String,DocumentList<SOShipment>,PXQuickProcess+ActionFlow,AsyncCallback,Object)
PX.Objects.FS	FSServiceOrder	get_SOCuryCompletedBillableTotal()
PX.Objects.FS	FSServiceOrder	set_SOCuryCompletedBillableTotal(Nullable<Decimal>)
PX.Objects.FS	FSServiceOrder	get_SOCompletedBillableTotal()
PX.Objects.FS	FSServiceOrder	set_SOCompletedBillableTotal(Nullable<Decimal>)
PX.Objects.FS	FSSiteStatusSelected	get_DfltDuration()



## Database Changes

PX.Objects.FS	FSSiteStatus Selected	set_DfltDuration(Nullable<Int32>)
PX.Objects.FS	InvoiceGraph	UpdateCostAndPrice(List<DocLineExt>)
PX.Objects.FS	RouteClosing Maint	ActionsMenu(PXAdapter)
PX.Objects.FS	RouteDocument Maint	ActionsMenu(PXAdapter)
PX.Objects.FS	ServiceOrder Entry	UpdateUnitCostsAndUnitPrices(PXGraph,PXCache,IEnumerable<FSSODet>,Nullable<Int32>)
PX.Objects.FS	SMEquipment Maint	Action(PXAdapter)
PX.Objects.FS	SMEquipment Maint	InquiriesMenu(PXAdapter)
PX.Objects.FS	Appointment EntryWorkflow	IsActive()
PX.Objects.FS	ServiceOrder EntryWorkflow	IsActive()
PX.Objects.AM	BOMMaint	actionsMenu()
PX.Objects.AM	BOMMaint	reportsMenu()
PX.Objects.AM	Configuration Maint	actionDropMenu(PXAdapter)

## Database Changes

PX.Objects.AM	AMClockItem	get_ShiftID()
PX.Objects.AM	AMClockItem	set_ShiftID(String)
PX.Objects.AM	AMClockTran	get_ShiftID()
PX.Objects.AM	AMClockTran	set_ShiftID(String)
PX.Objects.AM	AMDisassembleBatch	get_MultDiv()
PX.Objects.AM	AMDisassembleBatch	set_MultDiv(String)
PX.Objects.AM	AMMTran	get_LotSerFG()
PX.Objects.AM	AMMTran	set_LotSerFG(String)
PX.Objects.AM	AMMTran	get_MultDiv()
PX.Objects.AM	AMMTran	set_MultDiv(String)
PX.Objects.AM	AMMTran	get_ShiftID()
PX.Objects.AM	AMMTran	set_ShiftID(String)
PX.Objects.AM	AMShift	get_ShiftID()
PX.Objects.AM	AMShift	set_ShiftID(String)
PX.Objects.AM	AMWCSchd	get_ShiftID()
PX.Objects.AM	AMWCSchd	set_ShiftID(String)

## Database Changes

Namespace	Parent Class	Method	Comment
PX.Objects.AM	AMWCSchd D etail	get_ShiftID()	
PX.Objects.AM	AMWCSchd D etail	set_ShiftID(String)	
PX.Objects.AM	AMWCSchd D etailGroupBy WcSchiftDat e	get_ShiftID()	
PX.Objects.AM	AMWCSchd D etailGroupBy WcSchiftDat e	set_ShiftID(String)	
PX.Objects.AM	ECOMaint	actionDropMenu(PXAdapter)	
PX.Objects.AM	ECRMaint	actionDropMenu(PXAdapter)	
PX.Objects.AM	EstimateMai nt	actionsMenu()	
PX.Objects.AM	EstimateMai nt	reportsMenu()	
PX.Objects.AM	ProdMaint	actionDropMenu(PXAdapter)	
PX.Objects.AM	ProdMaint	inquiresDropMenu(PXAdapter)	
PX.Objects.AM	ProductionC ostCalculator	GetPlannedLaborCost(AMWC,AMShiftMst,AMProdOper,Nullabl e <Decimal>,Nullable<Decimal>)	
PX.Objects.AM	ProductionC ostCalculator	GetPlannedLaborCost(AMWC,AMShiftMst,AMProdOper,Nullabl e	

## Database Changes

		<Decimal>,Nullable<Decimal>,Nullable<Decimal>,Int32)
PX.Objects.AM	ProductionCostCalculator	GetPlannedLaborCost(AMWC,AMShiftMst,AMProdOper,Nullable<Decimal>,Nullable<Decimal>,Nullable<Decimal>,Int32,Nullable<Int32>,Nullable<Decimal>)
PX.Objects.AM	ScanLabor+Header	get_ShiftID()
PX.Objects.AM	ScanLabor+Header	set_ShiftID(String)
PX.Objects.AM	ShiftMaint	CheckForReferences(AMShiftMst)
PX.Objects.AM	WorkCenterCrewScheduleInq	ProcessSameDateSchd(IEnumerable<AMWCSchdDetailSchdOp>,AMShiftMst,WorkCenterCrewScheduleInq+WorkCenterCrewScheduleFilter)
PX.Objects.AM	WorkCenterCrewScheduleInq	ProcessSameDateSchd(IEnumerable<AMWCSchdDetailSchdOp>,AMShiftMst)
PX.Objects.AM	WorkCenterCrewScheduleInq+WorkCenterCrewScheduleFilter	get_ShiftID()
PX.Objects.AM	WorkCenterCrewScheduleInq+WorkCenterCrewScheduleFilter	set_ShiftID(String)

## Database Changes

PX.Objects.AM	WorkCenter CrewScheduleInq+WorkCenterCrewScheduleDetail	get_ShiftID()	
PX.Objects.AM	WorkCenter CrewScheduleInq+WorkCenterCrewScheduleDetail	set_ShiftID(String)	
PX.Objects.AM.GraphExtensions	OpportunityMaintAMExtension	get_CreateSalesOrderTypeAllowsEstimates()	Moved to PX.Objects.AM.GraphExtensions.OpportunityBaseCreateSalesOrderAMExtensionBase<TBaseExtension, Extension1, Graph, TPrimary>.
PX.Objects.AM.GraphExtensions	OpportunityMaintAMExtension	get_CreateSalesOrderFilterAllowsConfigurations()	Moved to PX.Objects.AM.GraphExtensions.OpportunityBaseCreateSalesOrderAMExtensionBase<TBaseExtension, Extension1, Graph, TPrimary>.
PX.Objects.AM.GraphExtensions	OpportunityMaintAMExtension	DoCreateSalesOrder(OpportunityMaint+CreateSalesOrderFilter, Action<OpportunityMaint+CreateSalesOrderFilter>)	Moved to PX.Objects.AM.GraphExtensions.OpportunityBaseCreateSalesOrderAMExtensionBase<TBaseExtension, Extension1, Graph, TPrimary>.
PX.Objects.AM.GraphExtensions	POCreateAMExtension	fixedDemand()	
PX.Objects.AM.GraphExtensions	POCreateAMExtension	EnumerateAndPrepareResults(List<Object>)	

## Database Changes

PX.Objects.AM.Upgrade	AMWCScheduleNotMatchingDetail	get_ShiftID()
PX.Objects.AM.Upgrade	AMWCScheduleNotMatchingDetail	set_ShiftID(String)
PX.Objects.AM.Attributes	ShiftDiffType	GetShiftDifferentialCost(AMWC,AMShiftMst)
SP.Objects	ReadBAccount	ReadCurrentCustomer()
SP.Objects.IN	InventoryLinesWithoutGroup	get_DfltSiteID()
SP.Objects.IN	InventoryLinesWithoutGroup	set_DfltSiteID(Nullable<Int32>)
PX.Objects.PR	PRCalculationEngine	CalculatePTO(PRPaymentPTOBank)
PX.Objects.PR	PRCalculationEngine	GetPTOAccrualAmount(PRPaymentPTOBank,IPTOBank,IEnumera-ble<PREarningDetail>)
PX.Objects.PR	PRCalculationEngine	ResetBankInfo(PRPaymentPTOBank,IPTOBank)
PX.Objects.PR	PRBatchEmployee	get_SalariedNonExempt()
PX.Objects.PR	PRBatchEmployee	set_SalariedNonExempt(Nullable<Boolean>)

## Database Changes

PX.Objects.PR	PRPayment	get_SalariedNonExempt()
PX.Objects.PR	PRPayment	set_SalariedNonExempt(Nullable<Boolean>)
PX.Objects.PR	PRPaymentP TOBank+PK	Find(PXGraph,String,String,String)
PX.Objects.PR	PRTaxCode+ UK	Find(PXGraph,Nullable<Int32>)
PX.Objects.PR	PRExpenseA c countAttribt e	.ctor(Type,Type,Type,Type,Type,Type)
PX.Objects.PR	PRExpenseA c countAttribt e	.ctor(Type,Type,Type,Type,Type,Type,Type)
PX.Objects.PR	EarningsAcc o untAttribute	.ctor(Type,Type,Type,Type,Type)
PX.Objects.PR	EarningsAcc o untAttribute	.ctor(Type,Type,Type,Type,Type,Type)
PX.Objects.PR	BenExpense AccountAttri bute	.ctor(Type,Type,Type,Type,Type,Type)
PX.Objects.PR	TaxExpenseA ccountAttrib ute	.ctor(Type,Type,Type,Type,Type,Type,Type)
PX.Objects.PR	PRSubaccou ntAttribute	set_DefaultingDependencies(Dictionary<Type,String>)

## Database Changes

Namespace	Parent Class	Method	Comment
PX.Objects.PR	ExpenseSub AccountAttribute	.ctor(Type,Type,Type,Type,Boolean)	
PX.Objects.PR	SubjectToTax es+ListAttribute	.ctor(Type,Type)	
PX.Objects.PR	PTOHelper	CalculateAmountToCarryover(PXGraph,Nullable<Int32>,IPTOBank,DateTime,DateTime)	
PX.Objects.PR	PTOHelper	IsFirstRegularPaycheckOfYear(PXGraph,DateTime,DateTime)	
PX.Objects.PJ.PhotoLogs.PJ.GraphExtensions	PhotoLogActionsExtension Base<TGraph,TPrimaryView>	actionsFolder()	
PX.Objects.PJ.Common.Services	EmailFileAttachmentService<TEntity>+ReportGeneratorBase<T>	GenerateReportFile(T)	



## Removed Fields

This section lists the public fields whose visibility has been changed in the code or that have been removed from the code. The list does not include the fields from the deleted and obsolete classes. The list also does not include the fields whose parent classes implement `PX.Data.IBqlTable` or `PX.Data.Constant`.

Field	Namespace	Parent Class
CustomizationRole	PX.Common	WebConfig
DashboardDesignerRole	PX.Common	WebConfig
ActionsMenu	PX.SM	CompanyMaint
IqyExportKeys	PX.Data	PXSessionStatePXData
_parameterNameForValueEncription	PX.Data	PXRSAEncryptDataProviderPasswordParameterAttribute
OperationCompletedAbsentFinPeriod	PX.Data	ErrorMessages
OperationNotCompletedAbsentFinPeriod	PX.Data	ErrorMessages
NotOpenedFinPeriod	PX.Data	ErrorMessages
ForcePersist	PX.Data.WorkflowAPI	ActionPersistOptions
ActionsMenu	PX.Data.Maintenance.GI	GenericInquiryDesigner
UserRecordXmlElement	PX.Data.UserRecords	RecordCachedContentBuilder
EntityNameXmlAttribute	PX.Data.UserRecords	RecordCachedContentBuilder
EntityDescriptionXmlAttribute	PX.Data.UserRecords	RecordCachedContentBuilder
SearchableFieldXmlElement	PX.Data.UserRecords	RecordCachedContentBuilder
SearchableFieldNameXmlAttribute	PX.Data.UserRecords	RecordCachedContentBuilder
SearchableFieldValueXmlAttribute	PX.Data.UserRecords	RecordCachedContentBuilder
CurrencyView	PX.Objects.TX	TaxAdjustmentEntry

## Database Changes

ViewDocument	PX.Objects.SO	Messages
Fits	PX.Objects.SO	Messages
AssignNotSetup_Shipment	PX.Objects.SO	Messages
BackOrderCannotBeDeleted	PX.Objects.SO	Messages
CustomerContactMayNotBeEmpty	PX.Objects.SO	Messages
CustomerAddressMayNotBeEmpty	PX.Objects.SO	Messages
DiscountEngine_InventoryIDsNull	PX.Objects.SO	Messages
DiscountEngine_QtyIsNull	PX.Objects.SO	Messages
DiscountEngine_CuryExtPricelsNull	PX.Objects.SO	Messages
OrderTypeShipmentOrLocation	PX.Objects.SO	Messages
OrderTypeShipmentNotLocation	PX.Objects.SO	Messages
CCProcessingSOTranHeldWarning	PX.Objects.SO	Messages
CannotPerformCCCapture	PX.Objects.SO	Messages
NoOrder	PX.Objects.SO	Messages
NoOrderType	PX.Objects.SO	Messages
AccountMappingNotConfigured	PX.Objects.SO	Messages
CouldNotFindCCTranPayment	PX.Objects.SO	Messages
ValidationFailed	PX.Objects.SO	Messages
OrderLineNbrOrInventoryIdNotSpecified	PX.Objects.SO	Messages
SOCreatShipment	PX.Objects.SO	Messages

## Database Changes

Field	Namespace	Parent Class
DocDiscDescr	PX.Objects.SO	Messages
FailedFindSOLine	PX.Objects.SO	Messages
ShipmentOrSalesOrderInformationNotFilled	PX.Objects.SO	Messages
ShipmentLineSplitQuantityNotPacked	PX.Objects.SO	Messages
Order	PX.Objects.SO	Messages
ExtendedPrice	PX.Objects.SO	Messages
SalesPrice	PX.Objects.SO	Messages
PackagingType_Auto	PX.Objects.SO	Messages
PackagingType_Manual	PX.Objects.SO	Messages
PackagingType_Both	PX.Objects.SO	Messages
viewExternalTransaction	PX.Objects.SO	SOInvoiceEntry
sitestatusview_dummy	PX.Objects.SO	SOOrderEntry
PrintPickList	PX.Objects.SO	SOPickingWorksheetProcess+ProcessAction
PrintPickList	PX.Objects.SO	SOPickingWorksheetProcess+ProcessAction+DisplayNames
pickerLink	PX.Objects.SO	SOShipmentEntryUnlinkWorksheetExt
BoxConfirmPrompt	PX.Objects.SO.WMS	PickPackShip+PackMode+ConfirmState+Msg
BoxConfirmOrContinuePrompt	PX.Objects.SO.WMS	PickPackShip+PackMode+ConfirmState+Msg
BoxConfirmOrContinuePromptNoPick	PX.Objects.SO.WMS	PickPackShip+PackMode+ConfirmState+Msg
ReviewReturn	PX.Objects.SO.WMS	PickPackShip+PickMode+Logic
ReviewPick	PX.Objects.SO.WMS	PickPackShip+ReturnMode+Logic
Worksheet	PX.Objects.SO.WMS	WaveBatchPicking

## Database Changes

Picker	PX.Objects.SO.WMS	WaveBatchPicking
ShipmentsOfPicker	PX.Objects.SO.WMS	WaveBatchPicking
PickListOfPicker	PX.Objects.SO.WMS	WaveBatchPicking
ReviewPickWS	PX.Objects.SO.WMS	WaveBatchPicking
PickerCartSplitLinks	PX.Objects.SO.WMS	WaveBatchPicking+ConfirmState+Logic
NothingToPick	PX.Objects.SO.WMS	WaveBatchPicking+ConfirmState+Msg
NothingToRemove	PX.Objects.SO.WMS	WaveBatchPicking+ConfirmState+Msg
Overpicking	PX.Objects.SO.WMS	WaveBatchPicking+ConfirmState+Msg
Underpicking	PX.Objects.SO.WMS	WaveBatchPicking+ConfirmState+Msg
currencyinfo	PX.Objects.RUTROT	RUTROTManager<Doc,Tran,DocExt,TranExt>
DontHaveAppoveRights	PX.Objects.RQ	Messages
PurchaseOrderCreated	PX.Objects.RQ	Messages
Quotation	PX.Objects.RQ	Messages
BiddingBtn	PX.Objects.RQ	Messages
Document	PX.Objects.RQ	Messages
Items	PX.Objects.RQ	Messages
details	PX.Objects.RQ	RQRequestEnq
details	PX.Objects.RQ	RQRequestProcess
AssignNotSetup	PX.Objects.PO	Messages
POBlanketOrderExpiresBeforeTheDateOfDo cu ment	PX.Objects.PO	Messages
PurchaseOrderHasCurrencyDifferentFromP OR eceipt	PX.Objects.PO	Messages

## Database Changes

ThisEntityNotBeDeletedBecauseItsUsedIn	PX.Objects.PO	Messages
InvalidApplicationAllocationCombination	PX.Objects.PO	Messages
InvalidAllocationMethod	PX.Objects.PO	Messages
DSReceiptReleaseErrorSOLineDeleted	PX.Objects.PO	Messages
DSReceiptReleaseErrorSOOrderCanceled	PX.Objects.PO	Messages
DSReceiptReleaseErrorSOOrderDeleted	PX.Objects.PO	Messages
AskConfirmation	PX.Objects.PO	Messages
ReprintCaption	PX.Objects.PO	Messages
ViewINDocument	PX.Objects.PO	Messages
NewVendor	PX.Objects.PO	Messages
EditVendor	PX.Objects.PO	Messages
NewItem	PX.Objects.PO	Messages
EditItem	PX.Objects.PO	Messages
ReportPOReceiptBillingDetails	PX.Objects.PO	Messages
AllowComplete	PX.Objects.PO	Messages
AllowOpen	PX.Objects.PO	Messages
POTypeNbrLineNbrMustBeFilled	PX.Objects.PO	Messages
POOrderEntry	PX.Objects.PO	Messages
POPrintOrder	PX.Objects.PO	Messages

## Database Changes

Field	Namespace	Parent Class
POReceiptEntry	PX.Objects.PO	Messages
POVendorCatalogueMaint	PX.Objects.PO	Messages
LandedCostCodeMaint	PX.Objects.PO	Messages
POReceiptDiscountDetail	PX.Objects.PO	Messages
POReceiptTaxTran	PX.Objects.PO	Messages
POReceiptTax	PX.Objects.PO	Messages
MiscCharges	PX.Objects.PO	Messages
PrintInvoice	PX.Objects.PO	Messages
PrintCreditAdj	PX.Objects.PO	Messages
PrintDebitAdj	PX.Objects.PO	Messages
PrintCheck	PX.Objects.PO	Messages
PrintPrepayment	PX.Objects.PO	Messages
PrintRefund	PX.Objects.PO	Messages
PrintVoidCheck	PX.Objects.PO	Messages
PrintOrder	PX.Objects.PO	Messages
MaskItem	PX.Objects.PO	Messages
MaskLocation	PX.Objects.PO	Messages
MaskEmployee	PX.Objects.PO	Messages
MaskCompany	PX.Objects.PO	Messages
FromAP	PX.Objects.PO	Messages
FromPO	PX.Objects.PO	Messages
FromBoth	PX.Objects.PO	Messages

## Database Changes

VendorPrice	PX.Objects.PO	Messages
action	PX.Objects.PO	POReceiptEntry
Transferred_Item_Received	PX.Objects.IN	Messages
StatusCheck_QtySerialNotSingle	PX.Objects.IN	Messages
ValMethodChanged	PX.Objects.IN	Messages
AdjstmentCreated	PX.Objects.IN	Messages
ReceiptAddedForPO	PX.Objects.IN	Messages
PeriodHasINDocsFromPO_LCToBeCreated	PX.Objects.IN	Messages
PeriodHasINDocsFromAP_LCToBeCreated	PX.Objects.IN	Messages
ItemIsUsed	PX.Objects.IN	Messages
ItemHasPurchaseOrders	PX.Objects.IN	Messages
ItemHasSalesOrders	PX.Objects.IN	Messages
ItemHasKitSpecifications	PX.Objects.IN	Messages
ItemHasProjectTransactions	PX.Objects.IN	Messages
ItemHasPhysicalInventoryReview	PX.Objects.IN	Messages
ItemHasAPBill	PX.Objects.IN	Messages
ItemHasRequisition	PX.Objects.IN	Messages
ItemHasRequest	PX.Objects.IN	Messages
Multiple	PX.Objects.IN	Messages
INUnitMaint	PX.Objects.IN	Messages
INItemClassMaint	PX.Objects.IN	Messages
NonStockItemMaint	PX.Objects.IN	Messages
InventoryItemMaint	PX.Objects.IN	Messages

## Database Changes

INSiteMaint	PX.Objects.IN	Messages
INReceiptEntry	PX.Objects.IN	Messages
INIssueEntry	PX.Objects.IN	Messages
INAdjustmentEntry	PX.Objects.IN	Messages
INTransferEntry	PX.Objects.IN	Messages
INDocumentRelease	PX.Objects.IN	Messages
InventorySummaryEnq	PX.Objects.IN	Messages
INPostClassMaint	PX.Objects.IN	Messages
INLotSerClassMaint	PX.Objects.IN	Messages
InventoryTranSumEnq	PX.Objects.IN	Messages
InventoryTranHistEnq	PX.Objects.IN	Messages
InventoryTranByAcctEnq	PX.Objects.IN	Messages
InventoryLotSerInq	PX.Objects.IN	Messages
INABCCodeMaint	PX.Objects.IN	Messages
INMovementClassMaint	PX.Objects.IN	Messages
INPICycleMaint	PX.Objects.IN	Messages
INPriceClassMaint	PX.Objects.IN	Messages
PIGenerator	PX.Objects.IN	Messages
INPIEntry	PX.Objects.IN	Messages



## Database Changes

Field	Namespace	Parent Class
INUpdateABCAssignment	PX.Objects.IN	Messages
INUpdateMCAssignment	PX.Objects.IN	Messages
INReplenishmentClassMaint	PX.Objects.IN	Messages
INAccess	PX.Objects.IN	Messages
INAccessItem	PX.Objects.IN	Messages
INAccessDetail	PX.Objects.IN	Messages
INAccessDetailItem	PX.Objects.IN	Messages
INKitSpecMaint	PX.Objects.IN	Messages
KitAssemblyEntry	PX.Objects.IN	Messages
INReplenishmentCreate	PX.Objects.IN	Messages
EquipmentMaint	PX.Objects.IN	Messages
CategoryMaint	PX.Objects.IN	Messages
Warranty	PX.Objects.IN	Messages
INKitSerialPart	PX.Objects.IN	Messages
Change	PX.Objects.IN	Messages
Template	PX.Objects.IN	Messages
Voided	PX.Objects.IN	Messages
Available	PX.Objects.IN	Messages
InProgress	PX.Objects.IN	Messages
NotAvailable	PX.Objects.IN	Messages
Substitute	PX.Objects.IN	Messages
Obsolete	PX.Objects.IN	Messages

## Database Changes

ByLocation	PX.Objects.IN	Messages
UndefinedCostBasis	PX.Objects.IN	Messages
ViewDocument	PX.Objects.IN	Messages
ByCycle	PX.Objects.IN	Messages
BuildingID	PX.Objects.IN	Messages
sitestatus_s	PX.Objects.IN	INIntegrityCheck
viewsFolder	PX.Objects.IN	InventoryTranSumEnq
insitestatus	PX.Objects.IN	InventoryItemMaint
Related	PX.Objects.IN.RelatedItems	InventoryRelation
Alternative	PX.Objects.IN.RelatedItems	InventoryRelation
Related	PX.Objects.IN.RelatedItems	InventoryRelation+Desc
Alternative	PX.Objects.IN.RelatedItems	InventoryRelation+Desc
CuryName	PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPrimary>+CuryField
BaseName	PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPrimary>+CuryField
BaseCalc	PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPrimary>+CuryField
CuryInfolDName	PX.Objects.Extensions.MultiCurrency	MultiCurrencyGraph<TGraph,TPrimary>+CuryField
crCurrency	PX.Objects.Extensions.MultiCurrency. C R	CRMultiCurrencyGraph<TGraph,TPrimary>
dummy_caTran	PX.Objects.CA	CADepositEntry
currencyinfo	PX.Objects.CA	CADepositEntry
CurrencyView	PX.Objects.CA	CADepositEntry

## Database Changes

CurrencyView	PX.Objects.CA	CATranEntry
CMSetup	PX.Objects.CA	CATranEntry
APPaymentApplicationInvoicelsNotReleased	PX.Objects.CA	Messages
ARPaymentApplicationInvoicelsNotReleased	PX.Objects.CA	Messages
Activate	PX.Objects.CR	BusinessAccountMaint
PutOnHold	PX.Objects.CR	BusinessAccountMaint
PutOnCreditHold	PX.Objects.CR	BusinessAccountMaint
RemoveCreditHold	PX.Objects.CR	BusinessAccountMaint
Deactivate	PX.Objects.CR	BusinessAccountMaint
SetAsOneTime	PX.Objects.CR	BusinessAccountMaint
SetAsRegular	PX.Objects.CR	BusinessAccountMaint
Activate	PX.Objects.CR	ContactMaint
Deactivate	PX.Objects.CR	ContactMaint
graph	PX.Objects.CR	CRGrammProcess+Processor
ContactTypes	PX.Objects.CR	CRGrammProcess+Processor
AccountTypes	PX.Objects.CR	CRGrammProcess+Processor
ValidationRules	PX.Objects.CR	CRSetupMaint
LeadContactValidationRules	PX.Objects.CR	CRSetupMaint
LeadAccountValidationRules	PX.Objects.CR	CRSetupMaint
AccountValidationRules	PX.Objects.CR	CRSetupMaint
LeadContact	PX.Objects.CR	ValidationTypesAttribute

## Database Changes

Field	Namespace	Parent Class
Account	PX.Objects.CR	ValidationTypesAttribute
LeadAccount	PX.Objects.CR	ValidationTypesAttribute
AccountValidation	PX.Objects.CR	Messages
Activate	PX.Objects.CR	LocationMaint
Deactivate	PX.Objects.CR	LocationMaint
CreateOrderParams	PX.Objects.CR	OpportunityMaint
InvoiceInfo	PX.Objects.CR	OpportunityMaint
SalesOrders	PX.Objects.CR	OpportunityMaint
Invoices	PX.Objects.CR	OpportunityMaint
createInvoice	PX.Objects.CR	OpportunityMaint
createSalesOrder	PX.Objects.CR	OpportunityMaint
sendQuote	PX.Objects.CR	OpportunityMaint
printQuote	PX.Objects.CR	OpportunityMaint
submitQuote	PX.Objects.CR	OpportunityMaint
editQuote	PX.Objects.CR	OpportunityMaint
ViewOrder	PX.Objects.CR	OpportunityMaint
ViewInvoice	PX.Objects.CR	OpportunityMaint
actionsFolder	PX.Objects.CR	QuoteMaint
EditQuote	PX.Objects.CR	QuoteMaintExt
New	PX.Objects.CR.Workflows	OpportunityWorkflow+States
Open	PX.Objects.CR.Workflows	OpportunityWorkflow+States
Won	PX.Objects.CR.Workflows	OpportunityWorkflow+States

## Database Changes

Lost	PX.Objects.CR.Workflows	OpportunityWorkflow+States
CurrencyView	PX.Objects.AR	ARCashSaleEntry
viewExternalTransaction	PX.Objects.AR	ARCashSaleEntry
CurrencyView	PX.Objects.AR	ARInvoiceEntry
viewInvoice2	PX.Objects.AR	ARInvoiceEntry
Adjustments_2	PX.Objects.AR	ARInvoiceEntry
internalCall	PX.Objects.AR	ARInvoiceEntry
ApplyingAdjustments	PX.Objects.AR	ARInvoiceEntry+ARInvoiceEntryDocumentExtension
CurrencyView	PX.Objects.AR	ARPaymentEntry
viewExternalTransaction	PX.Objects.AR	ARPaymentEntry
currencyinfo	PX.Objects.AR	ARSmallCreditWriteOffEntry
CurrencyInfo_CuryInfoID	PX.Objects.AR	ARSmallCreditWriteOffEntry
currencyinfo	PX.Objects.AR	ARSmallBalanceWriteOffEntry
CurrencyInfo_CuryInfoID	PX.Objects.AR	ARSmallBalanceWriteOffEntry
MenuAction	PX.Objects.AR	CustomerLocationMaint
Activate	PX.Objects.AR	CustomerMaint
PutOnHold	PX.Objects.AR	CustomerMaint
PutOnCreditHold	PX.Objects.AR	CustomerMaint
RemoveCreditHold	PX.Objects.AR	CustomerMaint
Deactivate	PX.Objects.AR	CustomerMaint
SetAsOneTime	PX.Objects.AR	CustomerMaint
SetAsRegular	PX.Objects.AR	CustomerMaint
Voucher	PX.Objects.AR	ARPaymentEntryExt

## Database Changes

VoucherBatch	PX.Objects.AR	ARPaymentEntryExt
Voucher	PX.Objects.AR	ARInvoiceEntryExt
VoucherBatch	PX.Objects.AR	ARInvoiceEntryExt
Voucher	PX.Objects.AR	ARCashSaleEntryExt
VoucherBatch	PX.Objects.AR	ARCashSaleEntryExt
CurrencyView	PX.Objects.AP	APInvoiceEntry
CurrencyView	PX.Objects.AP	APPayBills
CurrencyView	PX.Objects.AP	APPaymentEntry
CurrencyInfo_CuryInfoID	PX.Objects.AP	APPendingInvoicesEnq
CurrencyView	PX.Objects.AP	APQuickCheckEntry
RecognitionServiceNoResult	PX.Objects.AP	Messages
Activate	PX.Objects.AP	VendorMaint
PutOnHold	PX.Objects.AP	VendorMaint
HoldPayments	PX.Objects.AP	VendorMaint
Deactivate	PX.Objects.AP	VendorMaint
SetAsOneTime	PX.Objects.AP	VendorMaint
SetAsRegular	PX.Objects.AP	VendorMaint
Voucher	PX.Objects.AP	APInvoiceEntryExt
VoucherBatch	PX.Objects.AP	APInvoiceEntryExt

## Database Changes

Field	Namespace	Parent Class
Voucher	PX.Objects.AP	APPaymentEntryExt
VoucherBatch	PX.Objects.AP	APPaymentEntryExt
Voucher	PX.Objects.AP	APQuickCheckEntryExt
VoucherBatch	PX.Objects.AP	APQuickCheckEntryExt
startTravelMobile	PX.Objects.FS	AppointmentEntry
completeTravelMobile	PX.Objects.FS	AppointmentEntry
startServiceMobile	PX.Objects.FS	AppointmentEntry
startForAssignedStaffMobile	PX.Objects.FS	AppointmentEntry
completeServiceMobile	PX.Objects.FS	AppointmentEntry
pauseServiceMobile	PX.Objects.FS	AppointmentEntry
resumeServiceMobile	PX.Objects.FS	AppointmentEntry
startStaffMobile	PX.Objects.FS	AppointmentEntry
pauseStaffMobile	PX.Objects.FS	AppointmentEntry
resumeStaffMobile	PX.Objects.FS	AppointmentEntry
StandardContractRelated	PX.Objects.FS	AppointmentEntry
StandardContractPeriod	PX.Objects.FS	AppointmentEntry
StandardContractPeriodDetail	PX.Objects.FS	AppointmentEntry
menuActions	PX.Objects.FS	ServiceContractEntryBase<TGraph, TPrimary, TWhere>
inquiry	PX.Objects.FS	ServiceContractEntryBase<TGraph, TPrimary, TWhere>
CreateServiceOrder	PX.Objects.FS	SM_OpportunityMaint

## Database Changes

LOG_ACTION_START_TRAVEL_SRV_MOBILE	PX.Objects.FS	ID+ScreenID
LOG_ACTION_START_STAFF_MOBILE	PX.Objects.FS	ID+ScreenID
LOG_ACTION_START_STAFF_ASSIGNED_MOBILE	PX.Objects.FS	ID+ScreenID
LOG_ACTION_COMPLETE_SERVICE_MOBILE	PX.Objects.FS	ID+ScreenID
LOG_ACTION_COMPLETE_TRAVEL_MOBILE	PX.Objects.FS	ID+ScreenID
actionsMenu	PX.Objects.FS	RouteClosingMaint
actionsMenu	PX.Objects.FS	RouteDocumentMaint
sitestatusview_dummy	PX.Objects.FS	ServiceOrderEntry
StandardContractRelated	PX.Objects.FS	ServiceOrderEntry
StandardContractPeriod	PX.Objects.FS	ServiceOrderEntry
StandardContractPeriodDetail	PX.Objects.FS	ServiceOrderEntry
appointmentView	PX.Objects.FS	ServiceOrderEntry
action	PX.Objects.FS	SMEquipmentMaint
inquiriesMenu	PX.Objects.FS	SMEquipmentMaint
ActionsMenu	PX.Objects.AM	BOMMaint
ReportsMenu	PX.Objects.AM	BOMMaint
ActionDropMenu	PX.Objects.AM	ConfigurationMaint
ActionDropMenu	PX.Objects.AM	ECOMaint
ActionDropMenu	PX.Objects.AM	ECRMaint
ActionsMenu	PX.Objects.AM	EstimateMaint
ReportsMenu	PX.Objects.AM	EstimateMaint



ActionDropDownMenu	PX.Objects.AM	ProdMaint
InquiresDropDownMenu	PX.Objects.AM	ProdMaint
ProductionGITranBuilder	PX.Objects.AM	ProductionTransactionHelper
ReleaseMatlGraph	PX.Objects.AM	ProductionTransactionHelper
WIPAdjustmentGraph	PX.Objects.AM	ProductionTransactionHelper
_Select	SP.Objects.IN.Descriptor	Attributes+PortalSiteAvailAttribute
_SetupFieldName	PX.Objects.PR	PRAccountRequiredAttribute
_SalariedNonExemptField	PX.Objects.PR	RegularAmountAttribute
VoidCheckExists	PX.Objects.PR	Messages
PostFromPayroll	PX.Objects.PR	Messages
ActionsFolder	PX.Objects.PJ.PhotoLogs.PJ.GraphExtensions	PhotoLogActionsExtensionBase<TGraph,TPrimaryView>

### New PK and FK classes

This section lists the new primary and foreign keys - that is, the public classes that are derived from PX.Data.ReferentialIntegrity.Attributes.PrimaryKeyOf.

Namespace	Key	Comment
PX.Objects.SO	SOPicker+FK+FirstLocation	
PX.Objects.SO	SOPicker+FK+LastLocation	

## Database Changes

Namespace	Key	Comment
PX.Objects.SO	SOPickingJob+PK	
PX.Objects.SO	SOPickingJob+FK+Job	
PX.Objects.SO	SOPickingJob+FK+PreferredAssignee	
PX.Objects.SO	SOPickingJob+FK+ActualAssignee	
PX.Objects.SO	SOPickingJob+FK+Worksheet	
PX.Objects.SO	SOPickingJob+FK+Picker	
PX.Objects.SO	SOPickingWorksheet+FK+SingleShipment	
PX.Objects.PO	POAccrualDetail+PK	
PX.Objects.PO	POAccrualDetail+FK+AccrualStatus	
PX.Objects.PO	POAccrualDetail+FK+APIInvoice	
PX.Objects.PO	POAccrualDetail+FK+APTTran	
PX.Objects.PO	POAccrualDetail+FK+Receipt	
PX.Objects.PO	POAccrualDetail+FK+ReceiptLine	
PX.Objects.PO	POAccrualDetail+FK+Branch	
PX.Objects.PM	PMCostCenter+PK	
PX.Objects.PM	PMCostCenter+UK	
PX.Objects.PM	PMCostCenter+UKProject	
PX.Objects.PM	PMCostCenter+FK+Site	
PX.Objects.PM	PMCostCenter+FK+Location	
PX.Objects.PM	PMCostCenter+FK+Project	
PX.Objects.PM	PMCostCenter+FK+Task	
PX.Objects.PM	PMLocationStatus+PK	

## Database Changes

PX.Objects.PM	PMLocationStatus+FK+Location
PX.Objects.PM	PMLocationStatus+FK+InventoryItem
PX.Objects.PM	PMLocationStatus+FK+SubItem
PX.Objects.PM	PMLocationStatus+FK+Site
PX.Objects.PM	PMLocationStatus+FK+ItemSite
PX.Objects.PM	PMLocationStatus+FK+Project
PX.Objects.PM	PMLocationStatus+FK+Task
PX.Objects.PM	PMLocationStatusAccum+PK
PX.Objects.PM	PMLotSerialStatus+PK
PX.Objects.PM	PMLotSerialStatus+FK+Location
PX.Objects.PM	PMLotSerialStatus+FK+LocationStatus
PX.Objects.PM	PMLotSerialStatus+FK+ProjectLocationStatus
PX.Objects.PM	PMLotSerialStatus+FK+SubItem
PX.Objects.PM	PMLotSerialStatus+FK+InventoryItem
PX.Objects.PM	PMLotSerialStatus+FK+ItemLotSerial
PX.Objects.PM	PMLotSerialStatus+FK+Site
PX.Objects.PM	PMLotSerialStatus+FK+Project
PX.Objects.PM	PMLotSerialStatus+FK+Task
PX.Objects.PM	PMLotSerialStatusAccum+PK
PX.Objects.PM	PMLotSerialStatusAccum+FK+Location
PX.Objects.PM	PMLotSerialStatusAccum+FK+LocationStatus
PX.Objects.PM	PMLotSerialStatusAccum+FK+ProjectLocationStatus
PX.Objects.PM	PMLotSerialStatusAccum+FK+SubItem

## Database Changes

PX.Objects.PM	PMLotSerialStatusAccum+FK+InventoryItem
PX.Objects.PM	PMLotSerialStatusAccum+FK+ItemLotSerial
PX.Objects.PM	PMLotSerialStatusAccum+FK+Site
PX.Objects.PM	PMLotSerialStatusAccum+FK+Project
PX.Objects.PM	PMLotSerialStatusAccum+FK+Task
PX.Objects.PM	PMSiteStatus+PK
PX.Objects.PM	PMSiteStatus+FK+InventoryItem
PX.Objects.PM	PMSiteStatus+FK+SubItem
PX.Objects.PM	PMSiteStatus+FK+Site
PX.Objects.PM	PMSiteStatus+FK+ItemSite
PX.Objects.PM	PMSiteStatus+FK+Project
PX.Objects.PM	PMSiteStatus+FK+Task
PX.Objects.PM	PMSiteStatusAccum+PK
PX.Objects.PM	PMSiteSummaryStatus+PK
PX.Objects.PM	PMSiteSummaryStatus+FK+InventoryItem
PX.Objects.PM	PMSiteSummaryStatus+FK+SubItem
PX.Objects.PM	PMSiteSummaryStatus+FK+Site
PX.Objects.PM	PMSiteSummaryStatus+FK+ItemSite
PX.Objects.PM	PMSiteSummaryStatus+FK+Project

## Database Changes

Namespace	Key	Comment
PX.Objects.PM	PMSiteSummaryStatusAccum+PK	
PX.Objects.PM	PMTransitLocationStatusAccum+PK	
PX.Objects.PM	PMTransitLocationStatusAccum+FK+Location	
PX.Objects.PM	PMTransitLocationStatusAccum+FK+LocationStatus	
PX.Objects.PM	PMTransitLocationStatusAccum+FK+ProjectLocationStatus	
PX.Objects.PM	PMTransitLocationStatusAccum+FK+SubItem	
PX.Objects.PM	PMTransitLocationStatusAccum+FK+InventoryItem	
PX.Objects.PM	PMTransitLocationStatusAccum+FK+Site	
PX.Objects.PM	PMTransitLocationStatusAccum+FK+Project	
PX.Objects.PM	PMTransitLocationStatusAccum+FK+Task	
PX.Objects.PM	PMTransitLotSerialStatusAccum+PK	
PX.Objects.PM	PMTransitLotSerialStatusAccum+FK+Location	
PX.Objects.PM	PMTransitLotSerialStatusAccum+FK+LocationStatus	
PX.Objects.PM	PMTransitLotSerialStatusAccum+FK+ProjectLocationStatus	
PX.Objects.PM	PMTransitLotSerialStatusAccum+FK+SubItem	
PX.Objects.PM	PMTransitLotSerialStatusAccum+FK+InventoryItem	
PX.Objects.PM	PMTransitLotSerialStatusAccum+FK+ItemLotSerial	
PX.Objects.PM	PMTransitLotSerialStatusAccum+FK+Site	
PX.Objects.PM	PMTransitLotSerialStatusAccum+FK+Project	
PX.Objects.PM	PMTransitLotSerialStatusAccum+FK+Task	
PX.Objects.IN	INItemClassCurySettings+PK	

## Database Changes

PX.Objects.IN	INItemClassCurySettings+FK+ItemClass
PX.Objects.IN	INItemClassCurySettings+FK+Currency
PX.Objects.IN	INItemClassCurySettings+FK+DefaultSite
PX.Objects.IN	INItemClassRep+FK+Currency
PX.Objects.IN	INItemCost+FK+InventoryItemCurySettings
PX.Objects.IN	INItemCost+FK+Currency
PX.Objects.IN	INItemRep+FK+Currency
PX.Objects.IN	InventoryItemCurySettings+FK+DefaultSite
PX.Objects.IN	InventoryItemCurySettings+FK+DefaultShipLocation
PX.Objects.IN	InventoryItemCurySettings+FK+DefaultReceiptLocation
PX.Objects.IN	InventoryItemCurySettings+FK+PreferredVendor
PX.Objects.IN	InventoryItemCurySettings+FK+PreferredVendorLocation
PX.Objects.IN	WMSJob+PK
PX.Objects.IN	WMSJob+FK+PreferredAssignee
PX.Objects.IN	WMSJob+FK+ActualAssignee
PX.Objects.IN.RelatedItems	RelatedItem+PK
PX.Objects.IN.RelatedItems	RelatedItem+FK+InventoryItem
PX.Objects.IN.RelatedItems	RelatedItem+FK+RelatedInventoryItem
PX.Objects.IN.RelatedItems	RelatedItemHistory+PK
PX.Objects.IN.RelatedItems	RelatedItemHistory+PK+Dirty

## Database Changes

PX.Objects.IN.RelatedItems	RelatedItemHistory+FK+OriginalInventoryItems
PX.Objects.IN.RelatedItems	RelatedItemHistory+FK+RelatedInventoryItems
PX.Objects.IN.RelatedItems	RelatedItemHistory+FK+SalesOrder
PX.Objects.IN.RelatedItems	RelatedItemHistory+FK+OriginalSalesOrderLines
PX.Objects.IN.RelatedItems	RelatedItemHistory+FK+RelatedSalesOrderLines
PX.Objects.IN.RelatedItems	RelatedItemHistory+FK+Invoice
PX.Objects.IN.RelatedItems	RelatedItemHistory+FK+ARInvoice
PX.Objects.IN.RelatedItems	RelatedItemHistory+FK+OriginalInvoiceLines
PX.Objects.IN.RelatedItems	RelatedItemHistory+FK+RelatedInvoiceLines
PX.Objects.CA	CABankChargeTax+PK
PX.Objects.CA	CABankChargeTax+FK+BankTranMatch
PX.Objects.CA	CABankTax+PK
PX.Objects.CA	CABankTax+FK+BankTransactionDetail
PX.Objects.CA	CABankTaxTran+PK
PX.Objects.CA	CABankTaxTran+FK+BankTransaction
PX.Objects.CA	CABankTaxTranMatch+PK
PX.Objects.CA	CABankTaxTranMatch+FK+BankTransaction
PX.Objects.CR	CRBillingAddress+PK

## Database Changes

PX.Objects.CR	CRBillingAddress+FK+BusinessAccount	
PX.Objects.CR	CRBillingAddress+FK+BusinessAccountAddress	
PX.Objects.CR	CRBillingAddress+FK+Country	
PX.Objects.CR	CRBillingAddress+FK+State	
PX.Objects.CR	CRBillingContact+PK	
PX.Objects.CR	CRBillingContact+FK+BusinessAccount	
PX.Objects.CR	CRBillingContact+FK+Contact	
PX.Objects.CR	CRBillingContact+FK+Location	
PX.Objects.CR	CROpportunity+FK+BillToAddress	
PX.Objects.CR	CROpportunity+FK+BillToContactInfo	
PX.Objects.CR	CRQuote+FK+BillToAddress	
PX.Objects.CR	CRQuote+FK+BillToContactInfo	
PX.Objects.CR	PMTimeActivity+FK+ShiftCode	
PX.Objects.CR	SMEmail+FK+CRActivity	
PX.Objects.AR	ARHistoryAlias+PK	ARHistoryAlias and APHistoryAlias are new aliases for the corresponded DACs. They can be used in BQL when separate joining of two history tables is required.
PX.Objects.AR	ARHistoryAlias+FK+Branch	
PX.Objects.AR	ARHistoryAlias+FK+Account	
PX.Objects.AR	ARHistoryAlias+FK+Subaccount	
PX.Objects.AR	ARHistoryAlias+FK+Customer	
PX.Objects.AR	ARHistoryTran+PK	
PX.Objects.AR	ARHistoryTran+FK+Document	
PX.Objects.AR	ARHistoryTran+FK+Invoice	
PX.Objects.AR	ARHistoryTran+FK+Payment	



## Database Changes

PX.Objects.AR	ARHistoryTran+FK+CashSale
PX.Objects.AR	ARHistoryTran+FK+SOInvoice
PX.Objects.AR	ARHistoryTran+FK+Branch
PX.Objects.AR	ARHistoryTran+FK+CurrencyInfo
PX.Objects.AR	ARHistoryTran+FK+Customer
PX.Objects.AR	ARHistoryTran+FK+Account
PX.Objects.AR	ARHistoryTran+FK+Subaccount
PX.Objects.AR	CuryARHistoryTran+PK
PX.Objects.AR	CuryARHistoryTran+FK+Document
PX.Objects.AR	CuryARHistoryTran+FK+Invoice
PX.Objects.AR	CuryARHistoryTran+FK+Payment
PX.Objects.AR	CuryARHistoryTran+FK+CashSale
PX.Objects.AR	CuryARHistoryTran+FK+SOInvoice
PX.Objects.AR	CuryARHistoryTran+FK+Branch
PX.Objects.AR	CuryARHistoryTran+FK+CurrencyInfo
PX.Objects.AR	CuryARHistoryTran+FK+Customer
PX.Objects.AR	CuryARHistoryTran+FK+Account
PX.Objects.AR	CuryARHistoryTran+FK+Subaccount
PX.Objects.AR	ARTran+FK+SOOrderLine
PX.Objects.AR	ARTranPost+PK
PX.Objects.AR	ARTranPost+FK+Document
PX.Objects.AR	ARTranPost+FK+Invoice
PX.Objects.AR	ARTranPost+FK+Payment

## Database Changes

PX.Objects.AR	ARTranPost+FK+CashSale
PX.Objects.AR	ARTranPost+FK+SOInvoice
PX.Objects.AR	ARTranPost+FK+Branch
PX.Objects.AR	ARTranPost+FK+CurrencyInfo
PX.Objects.AR	ARTranPost+FK+Customer
PX.Objects.AR	ARTranPost+FK+Account
PX.Objects.AR	ARTranPost+FK+Subaccount
PX.Objects.AR	ARTranPostBal+PK
PX.Objects.AR	ARTranPostBal+FK+Document
PX.Objects.AR	ARTranPostBal+FK+Invoice
PX.Objects.AR	ARTranPostBal+FK+Payment
PX.Objects.AR	ARTranPostBal+FK+CashSale
PX.Objects.AR	ARTranPostBal+FK+SOInvoice
PX.Objects.AR	ARTranPostBal+FK+Branch
PX.Objects.AR	ARTranPostBal+FK+CurrencyInfo
PX.Objects.AR	ARTranPostBal+FK+Customer
PX.Objects.AR	ARTranPostBal+FK+Account
PX.Objects.AR	ARTranPostBal+FK+Subaccount
PX.Objects.AR	ARTranPostGL+PK
PX.Objects.AR	ARTranPostGL+FK+Document
PX.Objects.AR	ARTranPostGL+FK+Invoice
PX.Objects.AR	ARTranPostGL+FK+Payment
PX.Objects.AR	ARTranPostGL+FK+CashSale

## Database Changes

Namespace	Key	Comment
PX.Objects.AR	ARTranPostGL+FK+SOInvoice	
PX.Objects.AR	ARTranPostGL+FK+Branch	
PX.Objects.AR	ARTranPostGL+FK+CurrencyInfo	
PX.Objects.AR	ARTranPostGL+FK+Customer	
PX.Objects.AR	ARTranPostGL+FK+Account	
PX.Objects.AR	ARTranPostGL+FK+Subaccount	
PX.Objects.EP	EPShiftCode+PK	
PX.Objects.EP	EPShiftCode+UK	
PX.Objects.EP	EPShiftCodeRate+PK	
PX.Objects.EP	EPShiftCodeRate+FK+ShiftCode	
PX.Objects.EP	EPTIMECardSummary+FK+ShiftCode	
PX.Objects.EP	EPSummaryApprove+PK	
PX.Objects.EP	EPSummaryApprove+FK+Timecard	
PX.Objects.EP	EPSummaryApprove+FK+EarningType	
PX.Objects.EP	EPSummaryApprove+FK+Project	
PX.Objects.EP	EPSummaryApprove+FK+ProjectTask	
PX.Objects.EP	EPSummaryApprove+FK+ShiftCode	
PX.Objects.AP	APHistoryAlias+PK	ARHistoryAlias and APHistoryAlias are new aliases for the corresponded DACs. They can be used in BQL when separate joining of two history tables is required.
PX.Objects.AP	APHistoryAlias+FK+Branch	
PX.Objects.AP	APHistoryAlias+FK+Account	
PX.Objects.AP	APHistoryAlias+FK+Subaccount	
PX.Objects.AP	APHistoryAlias+FK+Vendor	

## Database Changes

PX.Objects.AP	APHistoryTran+PK
PX.Objects.AP	APHistoryTran+FK+Document
PX.Objects.AP	APHistoryTran+FK+Invoice
PX.Objects.AP	APHistoryTran+FK+Payment
PX.Objects.AP	APHistoryTran+FK+CashSale
PX.Objects.AP	APHistoryTran+FK+SOInvoice
PX.Objects.AP	APHistoryTran+FK+Branch
PX.Objects.AP	APHistoryTran+FK+CurrencyInfo
PX.Objects.AP	APHistoryTran+FK+Vendor
PX.Objects.AP	APHistoryTran+FK+Account
PX.Objects.AP	APHistoryTran+FK+Subaccount
PX.Objects.AP	CuryAPHistoryTran+PK
PX.Objects.AP	CuryAPHistoryTran+FK+Document
PX.Objects.AP	CuryAPHistoryTran+FK+Invoice
PX.Objects.AP	CuryAPHistoryTran+FK+Payment
PX.Objects.AP	CuryAPHistoryTran+FK+CashSale
PX.Objects.AP	CuryAPHistoryTran+FK+SOInvoice
PX.Objects.AP	CuryAPHistoryTran+FK+Branch
PX.Objects.AP	CuryAPHistoryTran+FK+CurrencyInfo
PX.Objects.AP	CuryAPHistoryTran+FK+Vendor
PX.Objects.AP	CuryAPHistoryTran+FK+Account
PX.Objects.AP	CuryAPHistoryTran+FK+Subaccount
PX.Objects.AP	APTranPost+PK

## Database Changes

PX.Objects.AP	APTranPost+FK+Document
PX.Objects.AP	APTranPost+FK+Invoice
PX.Objects.AP	APTranPost+FK+Payment
PX.Objects.AP	APTranPost+FK+QuickCheck
PX.Objects.AP	APTranPost+FK+SOInvoice
PX.Objects.AP	APTranPost+FK+Branch
PX.Objects.AP	APTranPost+FK+CurrencyInfo
PX.Objects.AP	APTranPost+FK+Vendor
PX.Objects.AP	APTranPost+FK+Account
PX.Objects.AP	APTranPost+FK+Subaccount
PX.Objects.AP	APTranPostBal+PK
PX.Objects.AP	APTranPostBal+FK+Document
PX.Objects.AP	APTranPostBal+FK+Invoice
PX.Objects.AP	APTranPostBal+FK+Payment
PX.Objects.AP	APTranPostBal+FK+QuickCheck
PX.Objects.AP	APTranPostBal+FK+SOInvoice
PX.Objects.AP	APTranPostBal+FK+Branch
PX.Objects.AP	APTranPostBal+FK+CurrencyInfo
PX.Objects.AP	APTranPostBal+FK+Vendor
PX.Objects.AP	APTranPostBal+FK+Account
PX.Objects.AP	APTranPostBal+FK+Subaccount
PX.Objects.AP	APTranPostGL+PK
PX.Objects.AP	APTranPostGL+FK+Document

## Database Changes

PX.Objects.AP	APTranPostGL+FK+Invoice
PX.Objects.AP	APTranPostGL+FK+Payment
PX.Objects.AP	APTranPostGL+FK+QuickCheck
PX.Objects.AP	APTranPostGL+FK+SOInvoice
PX.Objects.AP	APTranPostGL+FK+Branch
PX.Objects.AP	APTranPostGL+FK+CurrencyInfo
PX.Objects.AP	APTranPostGL+FK+Vendor
PX.Objects.AP	APTranPostGL+FK+Account
PX.Objects.AP	APTranPostGL+FK+Subaccount
PX.Objects.AM	AMConfigResultsAttribute+PK
PX.Objects.AM	AMConfigResultsAttribute+FK+ConfiguraitonResult
PX.Objects.AM	AMConfigResultsAttribute+FK+Configuraiton
PX.Objects.AM	AMConfigResultsAttribute+FK+ConfiguraitonAttribute
PX.Objects.AM	AMConfigResultsAttribute+FK+Attribute
PX.Objects.AM	AMConfigResultsFeature+PK
PX.Objects.AM	AMConfigResultsFeature+FK+ConfiguraitonResult
PX.Objects.AM	AMConfigResultsFeature+FK+Configuraiton
PX.Objects.AM	AMConfigResultsFeature+FK+ConfiguraitonFeature
PX.Objects.AM	AMConfigResultsOption+PK
PX.Objects.AM	AMConfigResultsOption+FK+ConfiguraitonResult
PX.Objects.AM	AMConfigResultsOption+FK+ConfiguraitonResultFeature
PX.Objects.AM	AMConfigResultsOption+FK+Configuraiton
PX.Objects.AM	AMConfigResultsOption+FK+ConfiguraitonFeature

## Database Changes

PX.Objects.AM	AMConfigResultsOption+FK+ConfiguraitonOption
PX.Objects.AM	AMConfigResultsRule+PK
PX.Objects.AM	AMConfigResultsRule+FK+ConfiguraitonResult
PX.Objects.AM	AMConfigResultsRule+FK+Configuraiton
PX.Objects.AM	AMConfiguration+PK
PX.Objects.AM	AMConfiguration+FK+InventoryItem
PX.Objects.AM	AMConfiguration+FK+BOM
PX.Objects.AM	AMConfigurationAttribute+PK
PX.Objects.AM	AMConfigurationAttribute+FK+Attribute
PX.Objects.AM	AMConfigurationAttribute+FK+Configuraiton
PX.Objects.AM	AMConfigurationFeature+PK
PX.Objects.AM	AMConfigurationFeature+FK+Configuraiton
PX.Objects.AM	AMConfigurationFeature+FK+Feature
PX.Objects.AM	AMConfigurationOption+PK
PX.Objects.AM	AMConfigurationOption+FK+Configuraiton
PX.Objects.AM	AMConfigurationOption+FK+ConfigurationFeature
PX.Objects.AM	AMConfigurationOption+FK+InventoryItem
PX.Objects.AM	AMConfigurationOption+FK+Site
PX.Objects.AM	AMConfigurationResults+PK
PX.Objects.AM	AMConfigurationResults+FK+Configuraiton
PX.Objects.AM	AMConfigurationResults+FK+InventoryItem
PX.Objects.AM	AMConfigurationResults+FK+Site
PX.Objects.AM	AMConfigurationResults+FK+Customer

## Database Changes

PX.Objects.AM	AMConfigurationResults+FK+SalesOrder
PX.Objects.AM	AMConfigurationResults+FK+SalesLine
PX.Objects.AM	AMConfigurationRule+PK
PX.Objects.AM	AMConfigurationRule+FK+Configuraiton
PX.Objects.AM	AMConfigurationRule+FK+TargetFeature
PX.Objects.AM	AMConfigurationRule+FK+TargetOption
PX.Objects.AM	AMECOItem+PK
PX.Objects.AM	AMECOItem+FK+BOM
PX.Objects.AM	AMECOItem+FK+InventoryItem
PX.Objects.AM	AMECOItem+FK+Site
PX.Objects.AM	AMECOItem+FK+SubItem
PX.Objects.AM	AMECOItem+FK+Workgroup
PX.Objects.AM	AMECOItem+FK+Owner
PX.Objects.AM	AMECRIItem+PK
PX.Objects.AM	AMECRIItem+FK+ECO
PX.Objects.AM	AMECRIItem+FK+BOM
PX.Objects.AM	AMECRIItem+FK+InventoryItem
PX.Objects.AM	AMECRIItem+FK+Site
PX.Objects.AM	AMECRIItem+FK+SubItem
PX.Objects.AM	AMECRIItem+FK+Workgroup
PX.Objects.AM	AMECRIItem+FK+Owner
PX.Objects.AM	AMEstimateClass+PK
PX.Objects.AM	AMEstimateClass+FK+TaxCategory



## Database Changes

PX.Objects.AM	AMEstimateClass+FK+ItemClass
PX.Objects.AM	AMEstimateClass+FK+Engineer
PX.Objects.AM	AMEstimateItem+FK+Engineer
PX.Objects.AM	AMEstimateItem+FK+Owner
PX.Objects.AM	AMFeatureAttribute+FK+Attribute
PX.Objects.AM	AMForecast+PK
PX.Objects.AM	AMForecast+FK+InventoryItem
PX.Objects.AM	AMForecast+FK+Site
PX.Objects.AM	AMForecastStaging+PK
PX.Objects.AM	AMForecastStaging+FK+InventoryItem
PX.Objects.AM	AMForecastStaging+FK+Site
PX.Objects.AM	AMMPS+PK
PX.Objects.AM	AMMPS+FK+InventoryItem
PX.Objects.AM	AMMPS+FK+Site
PX.Objects.AM	AMMPSType+PK
PX.Objects.AM	AMMRPBucket+PK
PX.Objects.AM	AMMRPBucketDetail+PK
PX.Objects.AM	AMMRPBucketDetail+FK+Bucket
PX.Objects.AM	AMMRPBucketDetailInq+PK
PX.Objects.AM	AMMRPBucketDetailInq+FK+Bucket
PX.Objects.AM	AMMRPBucketDetailInq+FK+BucketInq
PX.Objects.AM	AMMRPBucketDetailInq+FK+InventoryItem
PX.Objects.AM	AMMRPBucketDetailInq+FK+Site

## Database Changes

Namespace	Key	Comment
PX.Objects.AM	AMMRPBucketInq+PK	
PX.Objects.AM	AMMRPBucketInq+FK+Bucket	
PX.Objects.AM	AMMRPBucketInq+FK+InventoryItem	
PX.Objects.AM	AMMRPBucketInq+FK+Site	
PX.Objects.AM	AMMTran+FK+WIPAccount	
PX.Objects.AM	AMMTran+FK+WIPSubaccount	
PX.Objects.AM	AMMTran+FK+Project	
PX.Objects.AM	AMMTran+FK+Task	
PX.Objects.AM	AMMTran+FK+OrderType	
PX.Objects.AM	AMMTran+FK+ProductionOrder	
PX.Objects.AM	AMMTran+FK+Operation	
PX.Objects.AM	AMMTran+FK+ProductionMaterial	
PX.Objects.AM	AMMTran+FK+LaborCode	
PX.Objects.AM	AMMTran+FK+Employee	
PX.Objects.AM	AMMTran+FK+Shift	
PX.Objects.AM	AMMTranAttribute+PK	
PX.Objects.AM	AMMTranAttribute+FK+Batch	
PX.Objects.AM	AMMTranAttribute+FK+Tran	
PX.Objects.AM	AMMTranAttribute+FK+OrderType	
PX.Objects.AM	AMMTranAttribute+FK+ProductionOrder	
PX.Objects.AM	AMMTranAttribute+FK+Operation	
PX.Objects.AM	AMMTranAttribute+FK+ProductionAttribute	

## Database Changes

PX.Objects.AM	AMMTranAttribute+FK+Attribute
PX.Objects.AM	AMMTranSplit+PK
PX.Objects.AM	AMMTranSplit+FK+Batch
PX.Objects.AM	AMMTranSplit+FK+Tran
PX.Objects.AM	AMMTranSplit+FK+InventoryItem
PX.Objects.AM	AMMTranSplit+FK+SubItem
PX.Objects.AM	AMMTranSplit+FK+Site
PX.Objects.AM	AMMTranSplit+FK+Location
PX.Objects.AM	AMMTranSplit+FK+LotSerialStatus
PX.Objects.AM	AMOrderCrossRef+PK
PX.Objects.AM	AMProdItem+FK+BOM
PX.Objects.AM	AMProdItemSplit+FK+ItemPlan
PX.Objects.AM	AMProdMatLotSerial+PK
PX.Objects.AM	AMProdMatSplit+FK+ItemPlan
PX.Objects.AM	AMRPDetail+PK
PX.Objects.AM	AMRPDetail+FK+BOM
PX.Objects.AM	AMRPDetail+FK+Vendor
PX.Objects.AM	AMRPDetail+FK+ProductManager
PX.Objects.AM	AMRPDetail+FK+DetailFP
PX.Objects.AM	AMRPDetail+FK+InventoryItem
PX.Objects.AM	AMRPDetail+FK+Site
PX.Objects.AM	AMRPDetail+FK+ParentInventoryItem
PX.Objects.AM	AMRPDetail+FK+ProductInventoryItem

## Database Changes

PX.Objects.AM	AMRPDetailFP+PK
PX.Objects.AM	AMRPDetailFP+FK+BOM
PX.Objects.AM	AMRPDetailFP+FK+Vendor
PX.Objects.AM	AMRPDetailFP+FK+VendorLocation
PX.Objects.AM	AMRPDetailFP+FK+InventoryItem
PX.Objects.AM	AMRPDetailFP+FK+Site
PX.Objects.AM	AMRPDetailFP+FK+ItemPlan
PX.Objects.AM	AMRPDetailFP+FK+BAccount
PX.Objects.AM	AMRPDetailFP+FK+SupplyItemPlan
PX.Objects.AM	AMRPDetailFP+FK+DemandItemPlan
PX.Objects.AM	AMRPDetailFP+FK+ParentInventoryItem
PX.Objects.AM	AMRPDetailFP+FK+ProductInventoryItem
PX.Objects.AM	AMRPDetailPlan+PK
PX.Objects.AM	AMRPDetailPlan+FK+InventoryItem
PX.Objects.AM	AMRPDetailPlan+FK+Site
PX.Objects.AM	AMRPDetailPlan+FK+ItemPlan
PX.Objects.AM	AMRPDetailPlan+FK+BAccount
PX.Objects.AM	AMRPDetailPlan+FK+SupplyItemPlan
PX.Objects.AM	AMRPDetailPlan+FK+DemandItemPlan

## Database Changes

Namespace	Key	Comment
PX.Objects.AM	AMRPDetailPlan+FK+ParentInventoryItem	
PX.Objects.AM	AMRPExceptions+PK	
PX.Objects.AM	AMRPExceptions+FK+ProductManager	
PX.Objects.AM	AMRPExceptions+FK+InventoryItem	
PX.Objects.AM	AMRPExceptions+FK+Site	
PX.Objects.AM	AMRPItemSite+PK	
PX.Objects.AM	AMRPItemSite+FK+ProductManager	
PX.Objects.AM	AMRPItemSite+FK+InventoryItem	
PX.Objects.AM	AMRPItemSite+FK+Site	
PX.Objects.AM	AMRPItemSite+FK+PreferredVendorID	
PX.Objects.AM	AMRPPlan+PK	
PX.Objects.AM	AMRPPlan+FK+InventoryItem	
PX.Objects.AM	AMRPPlan+FK+Site	
PX.Objects.AM	AMSubItemDefault+PK	
PX.Objects.AM	AMSubItemDefault+FK+InventoryItem	
PX.Objects.AM	AMSubItemDefault+FK+Site	
PX.Objects.AM	AMSubItemDefault+FK+SubItem	
PX.Objects.AM	AMToolSchdDetail+PK	
PX.Objects.AM	AMToolSchdDetail+FK+Tool	
PX.Objects.AM	AMToolSchdDetail+FK+Site	
PX.Objects.AM	AMVendorShipLineSplit+PK	
PX.Objects.AM	AMVendorShipLineSplit+FK+Shipment	

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PX.Objects.AM	AMVendorShipLineSplit+FK+ShipTran
PX.Objects.AM	AMVendorShipLineSplit+FK+InventoryItem
PX.Objects.AM	AMVendorShipLineSplit+FK+Site
PX.Objects.AM	AMWCSubstitute+PK
PX.Objects.AM	AMWCSubstitute+FK+WorkCenter
PX.Objects.AM	AMWCSubstitute+FK+Site
PX.Objects.PR	PMProjectExtension+FK+EarningsAccount
PX.Objects.PR	PMProjectExtension+FK+EarningsSubaccount
PX.Objects.PR	PMProjectExtension+FK+BenefitExpenseAccount
PX.Objects.PR	PMProjectExtension+FK+BenefitExpenseSubaccount
PX.Objects.PR	PMProjectExtension+FK+TaxExpenseAccount
PX.Objects.PR	PMProjectExtension+FK+TaxExpenseSubaccount
PX.Objects.PR	PREarningDetail+FK+ShiftCode
PX.Objects.PR	PRTaxDetail+UK
PX.Objects.PR	PRxPMTask+FK+EarningsAccount
PX.Objects.PR	PRxPMTask+FK+EarningsSubaccount
PX.Objects.PR	PRxPMTask+FK+BenefitExpenseAccount
PX.Objects.PR	PRxPMTask+FK+BenefitExpenseSubaccount
PX.Objects.PR	PRxPMTask+FK+TaxExpenseAccount
PX.Objects.PR	PRxPMTask+FK+TaxExpenseSubaccount