

# **T190 Quick Start in Customization**

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Lead – Developer Support

## **Training Rules**

- Download training materials related to the webinar. You can find the links to the training materials
  in the Reminder email sent by RingCentral platform to you.
- This webinar is NASBA compliant. If you want to get CPE credits, you will need to answer 3 polling questions per 1 CPE credit. Questions will be asked at random times.
- You can repeat the lessons after the instructor. Instructor will show you how to complete lessons from the guide.
- If you have any questions, you can select the Q&A option and leave your question there. Instructor
  will answer them at the end of the session.
- Use chat to inform the instructor whether you hear him or her.
- We encourage you to fill in the survey when the webinar ends.



## **Timing and Agenda**

#### May 26, 2020 -10 AM -11 AM PST

#### Day 1

#### **Lesson 1: Creating a Customization Project**

- Step 1.1: Creating a Customization Project
- Step 1.2: Loading Items to the Customization Project
- Step 1.3: Binding the Extension Library
- Step 1.4: Publishing the Customization Project

#### **Lesson 2: Creating Custom Fields**

- Step 2.1: Creating a Custom Column and Field with the Project Editor
- Step 2.2: Creating a Control for the Custom Field

#### May 27, 2020 -10 AM -11 AM PST

#### Day 2

#### **Lesson 2: Creating Custom Fields (cont.)**

- Step 2.3: Creating a Custom Column with the Project Editor and a Custom Field with Visual Studio
- Step 2.4: Creating a Control for the Custom Field—Self-Guided Exercise
- Step 2.5: Making the Custom Field Conditionally Available (with RowSelected)
- Step 2.6: Testing the Customized Form

# **Lesson 3: Implementing the Update and Validation of Field Values**

- Step 3.1: Updating Fields of a Record on Update of a Field of This Record (with FieldUpdated)
- Step 3.2: Validating an Independent Field Value (with FieldVerifying)



# **Timing and Agenda**

May 28, 2020 -10 AM -11 AM PST

Day 3

# Lesson 4: Creating an Acumatica ERP Entity Corresponding to a Custom Entity

- Step 4.1: Performing Preliminary Steps
- Step 4.2: Defining the Logic of Creating an SO Invoice
- Step 4.3: Defining the Create Invoice Action
- Step 4.4: Defining the Visibility and Availability of the Create Invoice Action
- Step 4.5: Testing the Create Invoice Action

# **Lesson 5: Deriving the Value of a Custom Field from Another Entity**

- Step 5.1: Adding a Custom Field to the Payments and Applications Form—Self-Guided Exercise
- Step 5.2: Deriving the Default Value of the PrepaymentPercent Field
- Step 5.3: Testing the Deriving of the Field Value

May 18, 2020 -10 AM -11 AM

Day 3 (cont.)

#### **Lesson 6: Debugging Customization Code**

Step 6.1: Debugging the Acumatica ERP Source Code





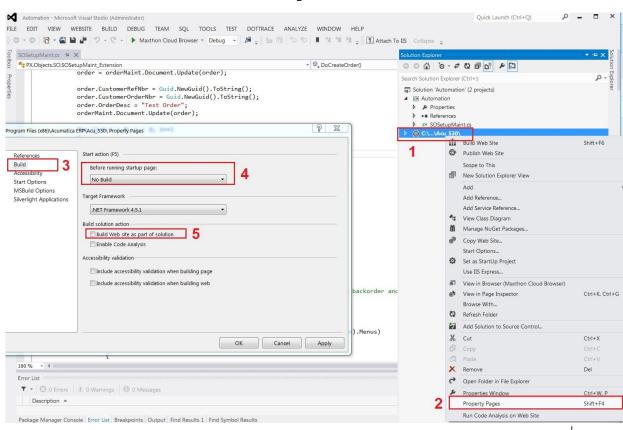
#### Web.config:

- Enable Debug Web Site <compilation debug="True" ... />
- Optimize Compilation <compilation OptimizeCompilations="True" ... />
- Show Automations <add key="AutomationDebug" value="True"/>
- Ignore Scheduler <add key="DisableScheduleProcessor" value="True" />
- Optimize Start-up <add key="InstantiateAllCaches" value="False"/>
- Optimize Start-up <add key="CompilePages" value="False"/>
- Enable Auto Validation <add key="Page Validation" value="True"/>



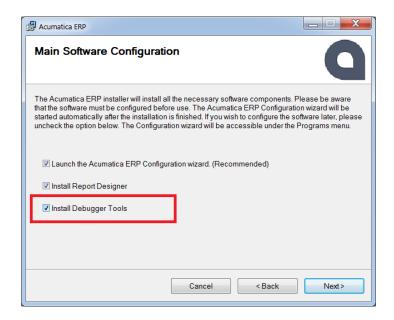
Web Site compilation is slow

...and isn't necessary





- Install Acumatica PDB files
  - It allows you to debug Acumatica code





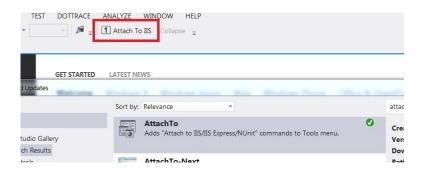
#### "Acuminator" Extension

Static code analysis, colorizer and suggestions tool for Acumatica Framework



#### "Attach To" Extension

 Attach Debugger to Acumatica with 1-click





# **Company Story**

The Smart Fix company specializes in repairing cell phones of several types. The company provides the following services:

- Battery replacement: This service is provided on customer request and does not require any preliminary diagnostic checks.
- Repair of liquid damage: This service requires a preliminary diagnostic check and a prepayment.
- Screen repair: This service is provided on customer request and does not require any preliminary diagnostic checks.



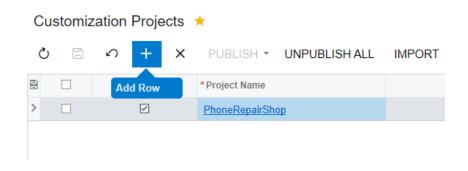
# **Lesson 1: Creating a Customization Project**

Learning Objectives: In this lesson, you will learn how to

- Create a customization project
- Load a customization project from a local folder
- Bind a customization project to an extension library
- Publish a customization project

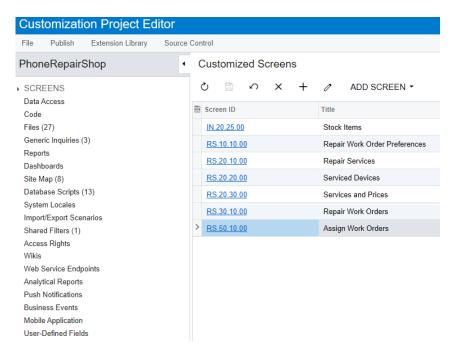


# **Step 1.1: Creating a Customization Project**



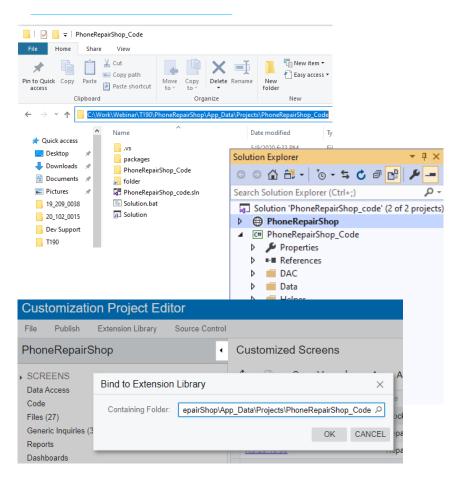
- In Acumatica ERP, open the Customization Projects (SM204505) form.
- 2. On the form toolbar, click Add Row.
- 3. In the Project Name column, enter the customization project name: PhoneRepairShop.
- 4. On the form toolbar, click Save.

# **Step 1.2: Loading Items to the Customization Project**



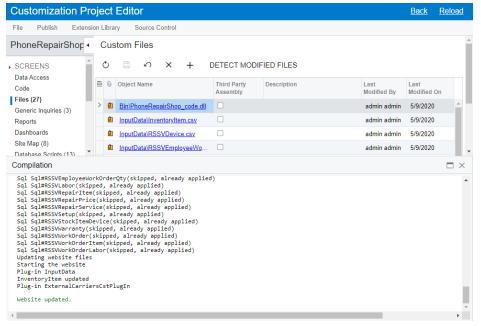
- On the Customization Projects (SM204505) form, click PhoneRepairShop in the table to open the customization project that you have created.
- On the menu of the Customization Project Editor, click Source Control > Open Project from Folder.
- 3. In the dialog box that opens, specify the path to source files of the project.

# **Step 1.3: Binding the Extension Library**



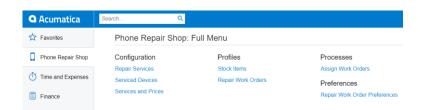
- Copy PhoneRepairShop\_Code folder to the App\_Data \Projects folder of the Acumatica ERP instance.
- Open the Visual Studio solution and build the PhoneRepairShop\_Code project.
- Reopen the PhoneRepairShop project in the Customization Project Editor.
- On the menu of the Customization Project Editor, click Extension Library > Bind to Existing.
- 5. In the dialog box that opens, specify the path to the App\_Data\Projects \PhoneRepairShop\_Code folder, and click OK.

# **Step 1.4: Publishing the Customization Project**

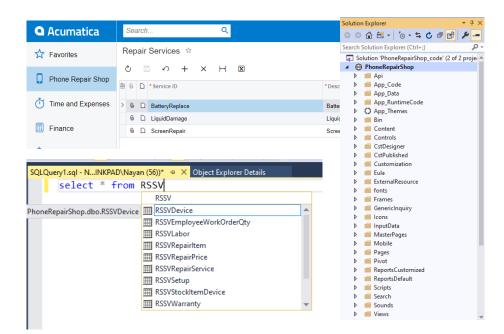


- With PhoneRepairShop customization loaded in Customization Project Editor, click Files on the left pane.
- On Custom Files page toolbar, click Detect Modified Files.
  - In the Modified Files Detected dialog box, ensure the Selected check box is selected for the Bin\PhoneRepairShop\_Code.dll file, and click Update Customization Project. Close the dialog box.
- 4. From the main menu, click Publish > Publish Current Project. The Compilation panel opens, which shows the progress of the publication.
- Close the Compilation panel when the publication has completed and the Website updated message is displayed.

# **Step 1.5: Reviewing the Changes in Acumatica ERP**



Review the changes to the Acumatica ERP instance that have been applied as a result of the publication of the PhoneRepairShop customization project



#### **Lesson 1: Review Questions**

- 1. Which of the following actions will publish the customization project opened in the Customization Project Editor to the current Acumatica ERP instance?
  - a) On the menu of the Customization Project Editor, you click Publish > Publish Current Project.
  - b) On the menu of the Customization Project Editor, you click Extension Library > Bind to Existing.
  - c) On the menu of the Customization Project Editor, you click Source Control > Open Project from Folder.

# **Lesson 2: Creating Custom Fields**

Learning Objectives: In this lesson, you will learn how to

- Add a custom column to an Acumatica ERP database table
- Add a custom field to an Acumatica ERP data access class
- Add the control for the custom field to the form

#### Task at Hand

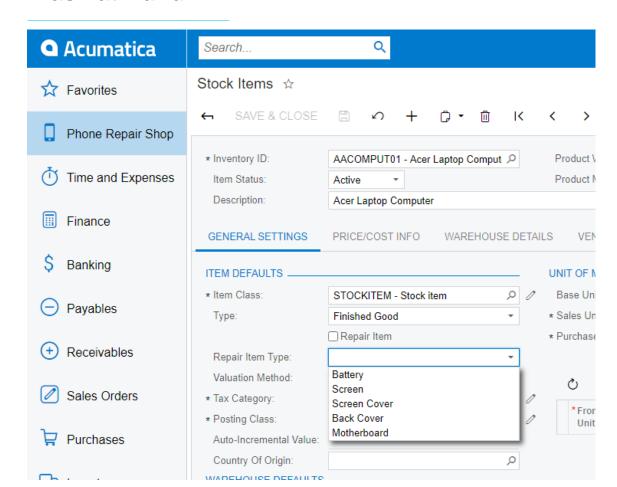
The Smart Fix company needs to specify that particular stock items on the Stock Items (IN202500) form of Acumatica ERP are repair items and select the type of each repair item.

You will add the following custom controls to the Stock Items (IN202500) form of Acumatica ERP:

- Repair Item: A check box that indicates (if selected) that the stock item can be used during the provision of the repair services of the Smart Fix company
- Repair Item Type: A drop-down list box for the repair item type, which is one of the following:
  - Battery
  - Screen
  - Screen Cover
  - Back Cover
  - Motherboard

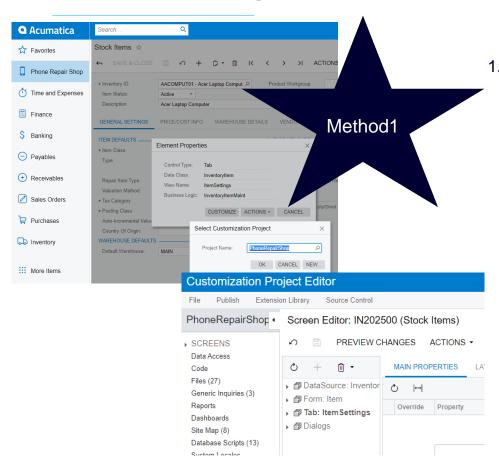
You will add these controls to the Item Defaults section of the General Settings tab of the form.

#### Task at Hand



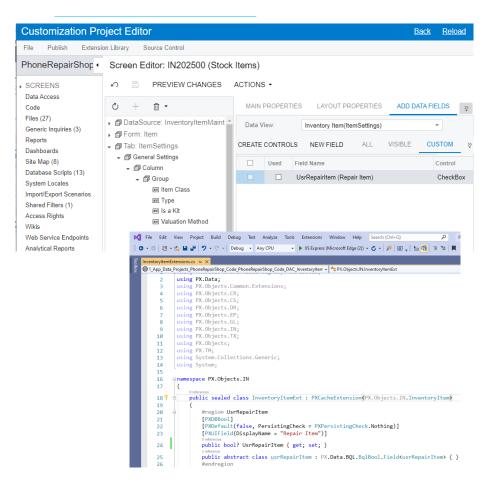


# Step 2.1: Creating a Custom Column and Field with the Project Editor



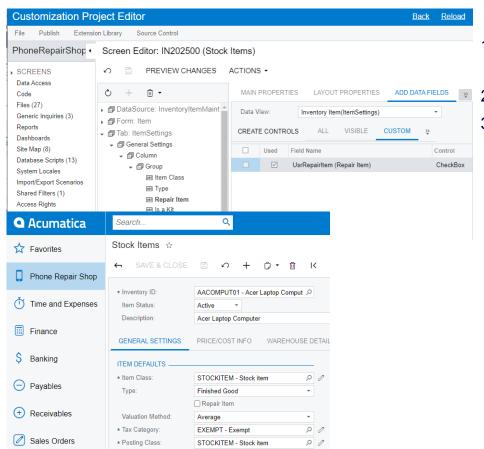
- From Stock Items (IN202500) form, open the Screen Editor as follows:
  - a) Click Customization > Inspect Element menu
  - b) Click the name of the General Settings tab to open the Element Properties dialog box
  - c) Click Customize
  - In the Select Customization Project dialog box, select the PhoneRepairShop customization project

### Step 2.1: Creating a Custom Column and Field with the Project Editor (cont.)



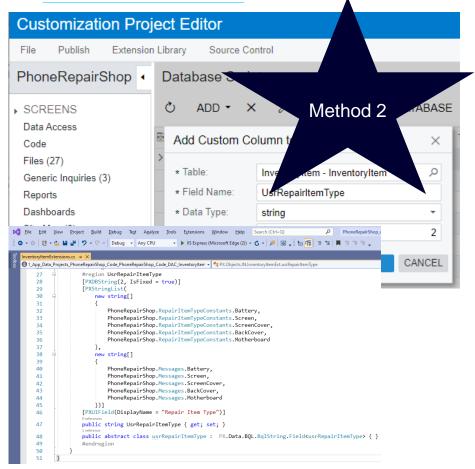
- 1. Add custom field **Repair Item** check box in the customization project.
- Move the data access class (DAC) extension to the PhoneRepairShop\_Code extension library.
- From the main menu, click Publish > Publish
  Current Project to apply the customization to
  the site.
- Switch to Visual Studio, move the InventoryItemExtensions.cs file to the DAC folder.
- Add the PXDefault attribute, and build the library.

# Step 2.2: Creating a Control for the Custom Field



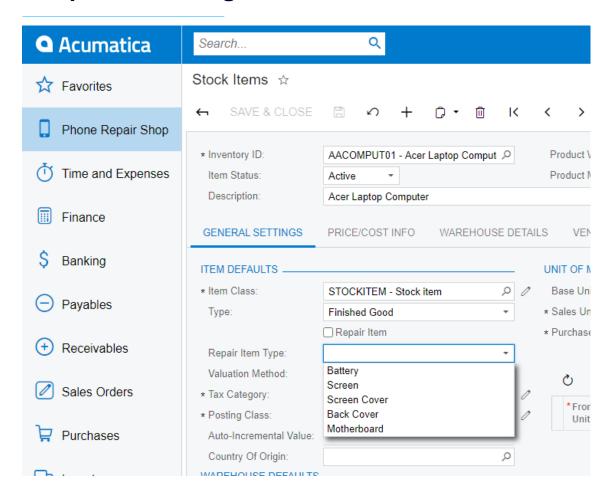
- Add **Repair Item** check box under General Settings of the Stock Items screen.
  - Publish the PhoneRepairShop project.
- 3. Refresh the Stock Items form in the browser to view the added control on the General Settings tab of the form.

Step 2.3: Creating a Custom Column with the Project Editor and a Custom Field with Visual Studio



- Create custom column and field for Repair Item Type dropdown as follows:
  - a) In the Customization Project Editor, select Database Scripts from the left pane.
  - Add field to InventoryItem table using Add >
     Custom Column to Table from the Database
     Scripts toolbar.
  - c) Publish the project.
  - Switch to Visual Studio and define the RepairItemTypeConstants class to hold various repair item types, viz. Battery, Screen, Screen Cover, Back Cover, and Motherboard.
- 3. In the InventoryItemExt class of the InventoryItemExtensions.cs file, add a custom field for the Repair Item Type dropdown and build the project.

## Step 2.4: Creating a Control for the Custom Field—Self-Guided Exercise



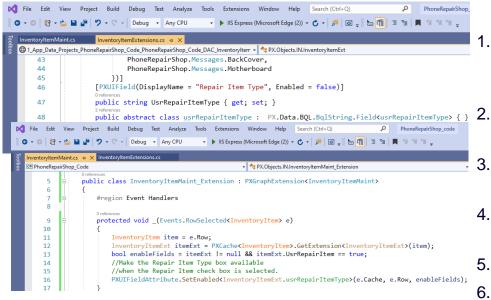
### Step 2.5: Making the Custom Field Conditionally Available (with RowSelected)

- RowSelected event is intended for implementing UI presentation logic.
- Event takes 2 parameters viz.
  - PXCache sender
  - PXRowSelectedEventArgs e
- Event is triggered for
  - Displaying record in the UI
  - Execution of following PXCache class methods:
    - Locate
    - Insert
    - Update
    - Delete

- Avoid executing BQL statements in a RowSelected event handler, because this event is called multiple times for the same record and can impact performance.
- Execution order is
  - Attribute event handlers
  - Graph event handlers

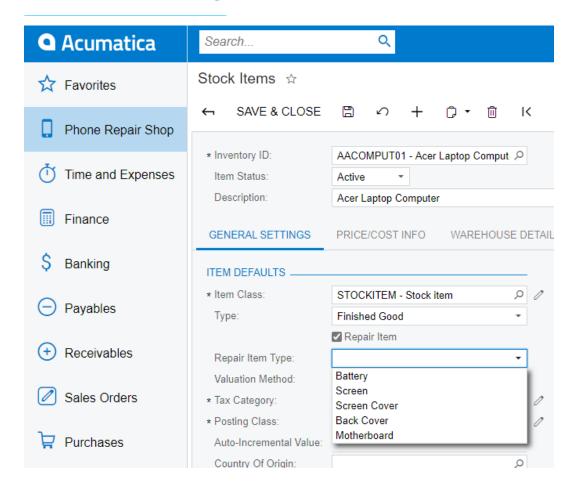


# Step 2.5: Making the Custom Field Conditionally Available (with RowSelected) (cont.)



- In Visual Studio, set Enabled = false of the PXUIField attribute for UsrRepairItemType field.
- Add RowSelected event handler for Stock Items form using Screen Editor.
- Move generated template code to Visual Studio project.
- Set CommitChanges = True for UsrRepairItem field.
- 5. Build Visual Studio project.
- 6. Update customization project with updated dll.
- Re publish customization.

# **Step 2.6: Testing the Customized Form**



#### **Lesson 2: Review Questions**

- Select all objects that together make up the minimum set of objects that are customized when you add a control for a custom field with the DBTableColumn storage type to an Acumatica ERP form.
  - a) The database table
  - b) The data access class
  - c) The graph
  - d) The .aspx page
- 2. Suppose that you have to add a control for a custom field to a form of Acumatica ERP. Select the tool of the Customization Project Editor that is designed to do this.
  - Customization Menu
  - 2. Data Class Editor
  - 3. Screen Editor
  - 4. Project Items Editor
  - 5. Project XML Editor
- 3. Which event handler would you use to configure the UI presentation logic?
  - FieldUpdated
  - RowUpdated
  - 3. RowSelected



## **Lesson 3: Implementing the Update and Validation of Field Values**

Learning Objectives: In this lesson, you will learn how to

- Update the fields of a data record on update of a field of this record
- Validate the value of a field that does not depend on the values of other fields of the same record

#### Task at Hand

#### Modify business logic of forms:

- Services and Prices (RS203000)
  - Copy/set Repair Item Type and Price columns on Repair Items tab from Stock Items when Inventory ID is selected.
- Repair Work Orders (RS301000)
  - Validate Quantity column on Labor tab such that
    - >=0
    - >= Quantity column on Labor tab of Services and Prices form



# Step 3.1: Updating Fields of a Record on Update of a Field of This Record (with FieldUpdated)

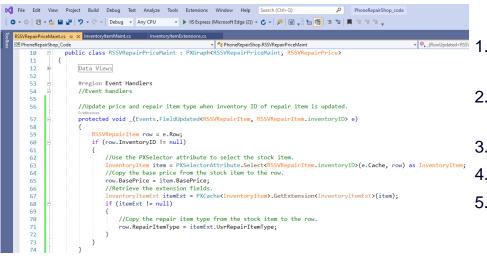
- FieldUpdated event is intended for implementing business logic associated with updating the value of the DAC field in following cases:
  - Assigning or updating related fields of the record
  - Updating any of the followings:
    - Detail records in 1:M relationship
    - Detail records in 1:1 relationship
    - Master records in M:1 relationship
- Event takes 2 parameters viz.
  - PXCache sender
  - PXFieldUpdatedEventArgs e

#### Event is triggered for

- Field value updated from UI or API
- Key fields value when deleting a record
- Execution of following methods:
  - Insert
  - SetDefaultExt
  - Update
  - SetValueExt
  - Locate (key fields)
  - Delete (key fields)
- Execution order is
  - Attribute event handlers
  - Graph event handlers



# Step 3.1: Updating Fields of a Record on Update of a Field of This Record (with FieldUpdated) (cont.)



- In Visual Studio, add FieldUpdated event for RSSVRepairItem.InventoryID field.
- Set CommitChanges = True for InventoryID control of the Repair Items tab item
- 3. Build Visual Studio project.
- 4. Update customization project with updated dll.
- 5. Re publish customization.

# Step 3.2: Validating an Independent Field Value (with FieldVerifying)

#### • **FieldVerifying** event is intended for

- Implementing business logic associated with validating the value of the DAC field.
- Cancel the assigning of new value
- Convert external presentation to internal presentation and implement associated business logic.
- Event takes 2 parameters viz.
  - PXCache sender
  - PXFieldVerifyingEventArgs e

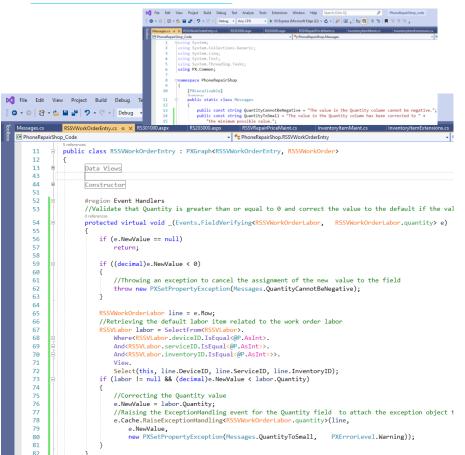
#### Event is triggered for

- Field value inserted or updated from UI or API
- Execution of following methods:
  - Insert
  - SetDefaultExt
  - Update
  - SetValueExt
  - Locate (key fields)

#### Execution order is

- Graph event handlers
- Attribute event handlers

### Step 3.2: Validating an Independent Field Value (with FieldVerifying) (cont.)



- In Visual Studio, define required message constants.
- Add FieldVerifying event for RSSVWorkOrderLabor.Quantity field.
- Set CommitChanges = True for Quantity control of the Labor tab item
- Build Visual Studio project.
- 5. Update customization project with updated dll.
- 6. Re publish customization.

# **Lesson 3: Review Questions**

Argument.AsInt

@P

a)	e.Cancel of the FieldVerifying event handler
b)	PXSetPropertyException
c)	RaiseExceptionHandling
Which ev	vent handler should be used to validate an independent field value?
a)	FieldDefaulting
b)	FieldSelecting
c)	FieldVerifying
d)	FieldUpdated
e)	RowSelected
Which ev	vent handler is used to update a value of a dependent field within a particular data record?
a)	FieldDefaulting
b)	FieldSelecting
c)	FieldVerifying
d)	FieldUpdated
e)	RowSelected



#### **Lesson 4: Creating an Acumatica ERP Entity Corresponding to a Custom Entity**

Learning Objectives: In this lesson, you will learn how to

- Learn about the usage of the PXLongOperation class
- Define the Create Invoice action and the related button on the Repair Work Orders (RS301000) form
- Configure the availability of the Create Invoice button

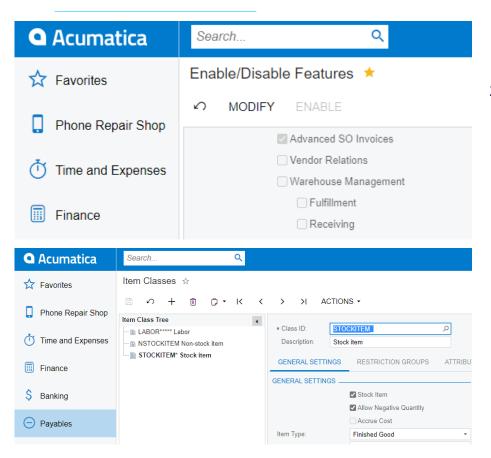


#### Task at Hand

#### Add business logic to generate invoice from Repair Work Order.

- Add "Create Invoice" button on the toolbar
- Make this button available only when repair work order status equals
  - Completed or
  - Requires Prepayment
- Invoice can be created only once per repair work order

# **Step 4.1: Performing Preliminary Steps**



- I. Enable Advanced SO Invoices feature
- 2. Allow negative quantities for stock items.

### **Step 4.2: Defining the Logic of Creating an SO Invoice**

```
Extensions Window Help
                                                  ▼ ► IIS Express (Microsoft Edge (2)) ▼ 💍 ▼ 🍠 🚳 🕍 🛅 🖫
              RSSVWorkOrderEntry.cs + X RS301000.aspx
                                                                  RSSVRepairPriceMaint.cs

    PhoneRepairShop.RSSVWorkOrderEntry

C# PhoneRepairShop Code
           using System.Collections;
    11
    12
          □namespace PhoneRepairShop
    13
             public class RSSVWorkOrderEntry : PXGraph<RSSVWorkOrderEntry, RSSVWorkOrder>
    14
    15
                   private static void CreateInvoice(RSSVWorkOrder workOrder)
    16
    17
    18
                        using (var ts = new PXTransactionScope())
    19
    20
                           // Create an instance of the SOInvoiceEntry graph.
                           var invoiceEntry = PXGraph.CreateInstance<S0InvoiceEntry>();
    21
    22
                            // Initialize the summary of the invoice.
                            var doc = new ARInvoice()
    23
    24
    25
                                DocType = ARDocType.Invoice
    26
    27
                            doc = invoiceEntry.Document.Insert(doc);
                            doc.CustomerID = workOrder.CustomerID:
    28
                            invoiceEntry.Document.Update(doc);
    29
                            // Create an instance of the RSSVWorkOrderEntry graph.
    30
    31
                            var workOrderEntry = PXGraph.CreateInstance<RSSVWorkOrderEntry>();
    32
                            workOrderEntry.WorkOrders.Current = workOrder;
                            // Add the lines associated with the repair items
```

 Add CreateInvoice method to RSSVWorkOrderEntry graph. This method should be static as it will be called from PXLongOperation.

# **Step 4.3: Defining the Create Invoice Action**

```
View Project Build Debug Test Analyze
                                                      Extensions Window Help
                                                   → IIS Express (Microsoft Edge (2)) → 💍 → 🎜 🚳 💷 🔄 📬
              RSSVWorkOrderEntry.cs + X RS301000.aspx
Messages.cs
                                                                   RSSVRepairPriceMaint.cs
C# PhoneRepairShop_Code

    PhoneRepairShop,RSSVWorkOrderEntry

          □namespace PhoneRepairShop
               public class RSSVWorkOrderEntry : PXGraph<RSSVWorkOrderEntry, RSSVWorkOrder>
    15
                    public PXAction<RSSVWorkOrder> CreateInvoiceAction;
    17
    18
                    [PXButton(CommitChanges = true)]
                    [PXUIField(DisplayName = "Create Invoice", Enabled = true)]
    20
                    protected virtual IEnumerable createInvoiceAction(PXAdapter adapter)
    21
    22
                        // Populate a local list variable.
    23
                        List<RSSVWorkOrder> list = new List<RSSVWorkOrder>();
                        foreach (RSSVWorkOrder wo in adapter.Get<RSSVWorkOrder>())
    24
    25
    26
                            list.Add(wo);
    27
                        // Trigger the Save action to save changes in the database.
    28
    29
                        Actions.PressSave();
    30
                        var workOrder = WorkOrders.Current;
    31
                        PXLongOperation.StartOperation(this, delegate ()
    32
    33
                             CreateInvoice(workOrder);
    34
    35
                        });
    37
                        // Return the local list variable.
    38
                        return list:
```

 Add CreateInvoiceAction action to RSSVWorkOrderEntry graph. This adds "Create Invoice" button to the form toolbar.

#### Step 4.4: Defining the Visibility and Availability of the Create Invoice Action

```
View Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q)
                                                                                                 PhoneRepairShop code
                                             - ₩ork(
PhoneRepairShop_Code

    PhoneRepairShop.RSSVWorkOrderEntry

                 //Define availability and visibility of actions
  325
                 protected virtual void _(Events.RowSelected<RSSVWorkOrder> e)
  326
  327
                     RSSVWorkOrder row = e.Row;
  328
                     if (row == null) return;
  330
                     Assign.SetEnabled(row.Status == WorkOrderStatusConstants.ReadyForAssignment);
  331
  332
                     Complete.SetEnabled(row.Status == WorkOrderStatusConstants.Assigned);
  333
  334
                     CreateInvoiceAction.SetVisible(WorkOrders.Current.Status == WorkOrderStatusConstants.PendingPayment |
  335
                         WorkOrders.Current.Status == WorkOrderStatusConstants.Completed &&
  336
                         WorkOrders.Current.InvoiceNbr == null);
  337
                     CreateInvoiceAction.SetEnabled(WorkOrders.Current.InvoiceNbr == null);
  338
  339
                 #endregion
```

- Add **RowSelected** event to RSSVWorkOrderEntry graph to control visibility and availability.
- Finally, rebuild Visual Studio project.

# **Step 4.5: Testing the Create Invoice Action**

#### **Lesson 4: Review Questions**

- 1. What attribute do you use to set up a button on the user interface?
  - a) PXButton
  - b) PXAction
  - c) PXUIField
- 2. How do you configure the visibility of an action at run time?
  - a) By configuring the ASPX page
  - b) By calling the SetVisible method
  - c) By setting the Visible property value to True

# **Lesson 5: Deriving the Value of a Custom Field from Another Entity**

Learning Objectives: In this lesson, you will learn how to

Derive the value for a custom field from another form

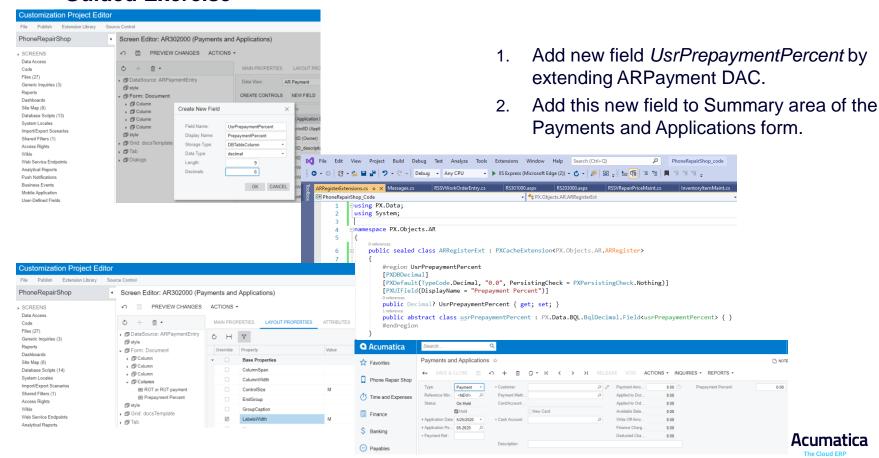


#### Task at Hand

Add business logic to generate invoice from Repair Work Order.

• Default prepayment % on Payments and Application form from "Prepayment Percent" field on Repair Work Order Preferences (RS101000) form.

# Step 5.1: Adding a Custom Field to the Payments and Applications Form—Self-Guided Exercise



# Step 5.2: Deriving the Default Value of the PrepaymentPercent Field

This can be done in 2 different ways:

- 1. Using FieldDefaulting event
- 2. Using PXDefault attribute

#### **Step 5.2: Deriving the Default Value of the PrepaymentPercent Field (cont.)**

- FieldDefaulting event is used to generate and assign the default value to DAC field.
- Event takes 2 parameters viz.
  - PXCache sender
  - PXFieldDefaultingEventArgs e
- Event is triggered for
  - Row inserted from UI or API
  - Execution of following methods:
    - Insert
    - SetDefaultExt

- Execution order is
  - Graph event handlers
  - Attribute event handlers



#### **Step 5.2: Deriving the Default Value of the PrepaymentPercent Field (cont.)**

- PXDefault attribute is used to generate and assign the default value to DAC field.
- This attribute also allows to make DAC field a required field.
- Attribute is triggered for
  - Row inserted from UI or API
  - Execution of following methods:
    - Insert
    - SetDefaultExt

#### Examples:

Set default value [PXDefault(false)] [PXDefault(TypeCode.Decimal, "0.0")] [PXDefault(typeof( Search<CAEntryType.referenceID, Where<CAEntryType.entryTypeId, Equal<Current<AddTrxFilter.entryTypeID>>> >))] [PXDefault( false, typeof( Select<VendorClass. Where<VendorClass.vendorClassID, Equal<Current<Vendor.vendorClassID>>>>), SourceField =

typeof(VendorClass.allowOverrideRate))]

Make required field [PXDefault]



# Step 5.2: Deriving the Default Value using FieldDefaulting

```
View Project Build Debug Test Analyze Tools Extensions Window Help Search (Ctrl+Q)
                                                                                                          PhoneRepair
                                                  → IIS Express (Microsoft Edge (2)) → 💍 → 🍠
                                                                                                          RSSVRepair
C# PhoneRepairShop_Code

▼ PX.Objects.AR.ARPaymentEntry Extension

          using PhoneRepairShop;
           using PX.Data;
           using PX.Data.BOL.Fluent:
          ■namespace PX.Objects.AR
               public class ARPaymentEntry Extension : PXGraphExtension<ARPaymentEntry>
    8
                   #region Event Handlers
    10
                   protected void (Events.FieldDefaulting<aRPayment, ARRegisterExt.usrPrepaymentPercent> e)
    11
    12
    13
                        ARPayment payment = (ARPayment)e.Row;
    14
                        RSSVSetup setupRecord = SelectFrom<RSSVSetup>.View.Select(Base);
    15
                        e.NewValue = setupRecord.PrepaymentPercent;
```

- Extend Payment and Application form's graph.
- Add FieldDefaulting event for UsrPrepaymentPercent field of the ARPayment extension.

# **Step 5.3: Testing the Deriving of the Field Value**

#### **Lesson 5: Review Questions**

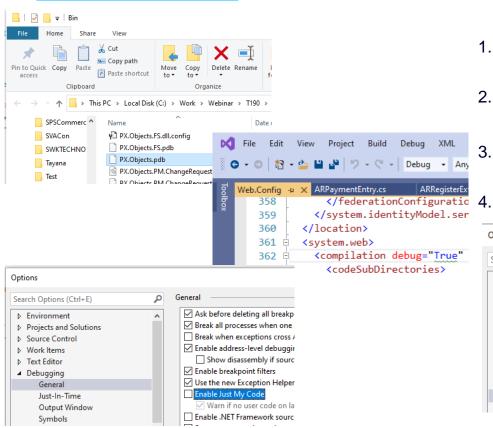
- 1. Which ways can you use to derive the value of a custom field from a custom entity to an Acumatica ERP entity? Select all applicable ways.
  - a) Use the PXDefault attribute
  - b) Use the FieldDefaulting event handler
  - c) Use the RowSelected event handler

# **Lesson 6: Debugging Customization Code**

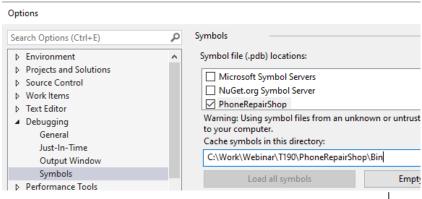
Learning Objectives: In this lesson, you will learn how to

Debug the source code of Acumatica ERP

#### **Step 6.1: Debugging the Acumatica ERP Source Code**

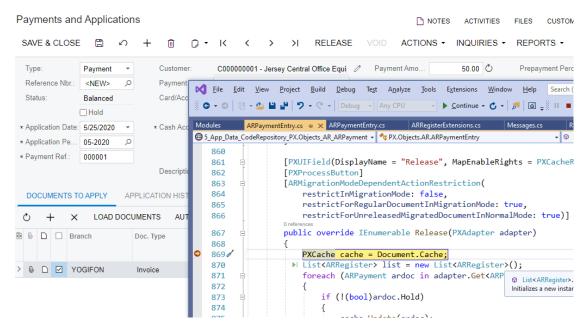


- Ensure PDB files are present in the instance's bin folder.
- Configure web.config file
   <system.web> <compilation debug="True" ...>
- Clear Enable Just My Code check box under Debugging > General in Visual Studio.
- 4. Specify symbols file location.



#### **Step 6.1: Debugging the Acumatica ERP Source Code (cont.)**

- 1. Attach Visual Studio debugger to a running process.
- 2. Release payment for some repair work order.



#### **Lesson 6: Review Questions**

- 1. Where are the Acumatica ERP PDB files located?
  - a) On the Partner Portal
  - b) In the Files/Bin folder of the Acumatica ERP installation folder
  - c) In the Bin folder of the customization project



# Thank you!

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