Customization Plug-In Guide

**There are two ways of creating a Customization Plug-In file:**

1) Using the customization Editor

2) Copying the code into a cs file and including it in your project.

Graphical user interface, application

Description automatically generated

**The Customization Plug-In code works the same as Acumatica Framework code.**

1) Instantiate an instance of a graph – while “using” the associated namespace for that object

2) Create a matching DAC object and fill it with data

3) Update the graph with the created object

4) Save the now filled graph instance.

**\*See next Page for Simple examples and explanation\***

**Press Ctrl + alt keys then click on the desired field/form to bring up the inspection window seen below**

Graphical user interface, application

Description automatically generated

**// RoleAccess graph = Business Logic name**

RoleAccess graph = PXGraph.CreateInstance<RoleAccess>();  
**//graph.Roles.Insert = Roles view name, .Insert is pressing the insert “+” button**     var exRoles= graph.Roles.Insert();  
      **//Rolename = Data Field name**  
     exRoles.Rolename="TestRole";  
    exRoles.Descr="Test Role";

**//to insert into the sub graph, you need to do the same, UsersByRole = the viewname of the sub graph, and we need to press Insert**  
     var usersInRoles= graph.UsersByRole.Insert();  
     usersInRoles.Username= "Andrews";  
**//graph.Persist is pressing the Save button on the main graph.**     graph.Persist();

**Here are some more basic examples:**



If you already have a snapshot file and want to convert it to a Customization Plugin, You can use the data contained in the .xml files to do so.

You can use the data contained inside the snapshot .xml files fairly easily to convert the data into a customization plugin with a few steps

**Example from your ICRoles.xml inside the snapshot file:**

<rows>

                           <row Rolename="TestRole" Descr="Test Role IsATeam="0" Name="Salesperson" RoleCD="SALESPERSON" " />

              </rows>

**Customization Plugin code:**

RoleAccess graph = PXGraph.CreateInstance<RoleAccess>();

                var exRoles= graph.Roles.Insert();

**exRoles.Rolename="TestRole";**

**exRoles.Descr="Test Role";**

**var usersInRoles= graph.UsersByRole.Insert();**

**usersInRoles.Username= "Andrews";**

                graph.Persist();

As you can see you just need to create the graph, and press insert, and add semicolons to convert the file to customization plugin format.