T250 Inquiry Forms 2022 R2

Course Description ⌄

By completing this course, you will learn how to create an inquiry form with and without filtering parameters. You will also learn how to display data from multiple tables on a tab. **The current version of the course is valid for Acumatica ERP 2022 R2.**

Through the examples, you will learn how to perform the following tasks in Acumatica ERP:

- Create an inquiry form
- Add filtering conditions dynamically
- Retrieve aggregated data
- Add diffrenet types of redirection links to the inquiry form
- Display data from multiple tables on a form tab

How to Use This Course ⌄

To complete this course, you will complete the lessons from each part of the course in the order in which they are presented. More specifically, you will do the following:

1. Complete Course Prerequisites, perform Initial Configuration, and carefully read Company Story and Customization Description.
2. Complete the lessons in all parts of the training guide.

Quiz ⌃

Congratulations!

You passed the quiz!

Your score is 80%

80%

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Training Materials

T250 TRAINING GUIDE

T250 LINK TO EXAMPLES

Installations

INSTALLATION GUIDE

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FEEDBACK

★ ★ ★ ★ ★

Suppose that for an inquiry form that contains filtering parameters, you need to have the selected parameter values in the form URL so that the same form can be opened elsewhere without the filter parameter values being entered again. How can you support this functionality for the form?

○ **By specifying True as the PageLoadBehavior property of the PXDataSource control**

○ **By specifying PopulateSavedValues as the PageLoadBehavior property of the PXDataSource control**

○ **By specifying the data view of the Selection area as the PrimaryView property of the PXDataSource control**

⭕ **By specifying PopulateSavedValues as the PageLoadBehavior property of the PXFormView control that corresponds to the Selection area** ❌

Select all correct statements about redirection that can be implemented by using Acumatica Framework.

☑ **Acumatica Framework supports redirection to a report.** ✅

☐ **Acumatica Framework supports redirection to a window that contains the Acumatica Report Designer.**

☑ **Acumatica Framework supports redirection to a destination URL.** ✅

☑ **Acumatica Framework supports redirection to another form of the Acumatica Framework-based application.** ✅

☑ **You can add redirection from a selector control declaratively or implement redirection in an action.** ✅

☐ **Acumatica Framework supports redirection to a workspace menu of Acumatica ERP.**

For what purpose do you need to use the PXFilterable attribute?

○ To define a second data view for the grid area

○ To define each column of the grid area

○ To add reusable filters to the grid area ✅

○ To define the Selection area of the form

How do you combine data by a value of a specific field?   4 / 15

○ By using the aggregation attribute

○ By sorting data in a data view delegate

○ By appending the AggregateTo<> clause in the query ✅

How would you define the selection of records in read-only mode in a data view?   5 / 15

○ You configure the ReadOnly property of the data view.

○ You add the ReadOnly attribute to the fields of the main DAC of the data view.

○ You use the ReadOnly view type. ✅

○ It is impossible.

Which ASPX element should you use to define a table on an inquiry form?   6 / 15

○ PXGrid

○ PXFormView ❌

○ PXGridContent

Select all types of redirection that can be implemented with Acumatica Framework.   7 / 15

☑ To a report ✅

☐ To a window that contains the Acumatica Report Designer

☑ To a generic inquiry ✅

☑ To a destination URL ✅

☑ To a predefined form of Acumatica ERP ✅

☑ To a custom form of Acumatica ERP ✅

☐ To a workspace menu of Acumatica ERP

What template should you use to define an inquiry form in the Screen Editor?   8 / 15

◯ TabGrid (TabDetail)

◯ FormGrid (FormDetail)

◯ Form (FormView) ❌

Select all correct statements about data view delegates.   9 / 15

☑ To define the delegate for a data view, you should add a method that has the same name as the data view, except with a different case for the first letter. ✅

☐ You need to use a data view delegate when you need to request data from multiple DACs.

☑ If no data view delegate is defined in the graph, Acumatica Framework executes the BQL statement from the data view declaration. ✅

☑ A data view delegate is an optional graph method that is executed when the data view is requested. ✅

Select all steps that are necessary for defining the Selection area of an inquiry form. 10 / 15

☑ Define the PXFormView element as containing boxes for filtering ✅

☑ Define a DAC for the Selection area ✅

☐ Define a data view of the PXFilterable type

☑ Specify that the primary data view for the form is the data view for filtering ✅

☑ Define a data view that provides filtering parameters ✅

How would you define redirection to the custom Repair Work Orders form in an action method?

○ By throwing the PXRedirectRequiredException exception ✅

○ By throwing the PXRedirectToUrlException exception

○ By using the HttpResponse.Redirect() method

○ By using the PXSelector attribute

How do you restrict the editing of records on an inquiry form?

○ It is impossible

○ You use the ReadOnly mode for the grid data view. ✅

○ You add the ReadOnly attribute to the fields of a DAC.

○ You configure the ReadOnly property of the grid in the ASPX file.

Which property of the PXDataSource control would you use to display filter values in the URL?

○ TypeName

○ PageLoadBehavior ✅

○ PrimaryView

○ PopulateSavedValues

How do you define redirection in an action method?   14 / 15

○ By throwing an exception ✓

○ By using the HttpResponse.Redirect() method

○ By using the PXSelector attribute

○ By using the HttpServletResponse.sendRedirect() method

Select all cases when you need to use a data view delegate.   15 / 15

☐ When you need to retrieve data field values that cannot be calculated in a DAC attribute

✓

☐ When you need to request data from multiple DACs

☐ When the result set needs to contain values that are composed dynamically in code ✓

☐ When you need to filter data by the values a user specifies in the Selection area

Training Recordings

The webinar recordings presented below are based on the training guide for Acumatica ERP **2022 R1**. Because of this, the topics described and shown in the recordings may differ from the course materials for Acumatica ERP 2022 R2.

Session One   ⌃

In this training, the following PowerPoint presentation has been used: T250 Inquiry Forms 2022 R1

54:56

Session Two ⌄

In this training, the following PowerPoint presentation has been used: T250 Inquiry Forms 2022 R1

1:04:44

Session Three ⌄

In this training, the following PowerPoint presentation has been used: T250 Inquiry Forms 2022 R1

54:30

Additional Reference

Data View Delegates

Conditional Hiding of a Tab Item

To Select Records by Using Fluent BQL

PXProjectionAttribute Class

To Add a Data View Delegate

Related Courses

T190 Quick Start in Customization 2022 R2 ◼️

T200 Maintenance Forms 2022 R2 ◼️

T210 Customized Forms and Master-Detail Relationship 2022 R2 ◼️

T220 Data Entry and Setup Forms 2022 R2 ◼️

T230 Actions 2022 R2 ◼️

T240 Processing Forms 2022 R2 ◼️

T250 Inquiry Forms 2022 R2 ◼️

T270 Workflow API 2021 R2 ◼️

T280 Testing Business Logic with the Acumatica Unit Test Framework 2022 R2

T400 Customization of Mobile Application Basics 2022 R2

T410 Advanced Customization of Mobile Application 2022 R2

FEEDBACK

Testimonials

Grahame P.

I100 Integration Scenarios
I was very impressed that the full product - reconfigured with data was available The data was very well prepared