

T250 Inquiry Forms 2022 R2

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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 different 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



Oops!

The quiz is marked as failed because the needed percentage of correct answers was not reached.

Note: The system does not display an icon showing whether or not a question was answered incorrectly or mark the correct responses that you did not select.

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Training Materials

[T250 TRAINING GUIDE](#)

[T250 LINK TO EXAMPLES](#)

Installations

[INSTALLATION GUIDE](#)

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To add reusable filters to a grid area, which attribute you need to assign to the corresponding data view? 1 / 15

☐ PXFilter

☒ PXFilterable

☐ PXGrid

☐ PXDetailView

Select all correct statements about data view delegates. 2 / 15

☒ You need to use a data view delegate when you need to retrieve data field values that cannot be calculated in a DAC attribute.

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

☒ You need to use a data view delegate when the result set needs to contain values that are composed dynamically in code.

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

Select all correct statements about data view delegates. 3 / 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. ✓

Where do you configure the displaying of filter values in the URL?

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- ☐ In the ASPX file of the form
- ☒ In the graph for the form ✗
- ☐ In the data view that provides filtering parameters
- ☐ In the DAC for the Selection area


Select all types of redirection that can be implemented with Acumatica Framework. 5 / 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 ✗

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

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- ☐ By using the aggregation attribute
- ☐ By sorting data in a data view delegate

☒ By appending the AggregateTo<> clause in the query 



Suppose that you need to group records on a form by their status and calculate the subtotal amounts to be paid for each status. Which aggregation function would you use? 7 / 15

☐ Max

☐ Min

☐ Avg

☐ Count


☒ Sum 

How do you define a Cancel action on an inquiry form?

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☐ By specifying the filtering DAC as a parameter for the graph


☐ By defining an action of the PXButton type and the action method


☒ By defining an action of the PXCancel<> type 

Select all correct statements about redirection that can be implemented by using Acumatica Framework. 9 / 15

☒ 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. 

FEEDBACK

☒ 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. ✗

Which property of the PXDataSource control would you use to display filter values in the URL? 40 / 15

☐ TypeName

☒ PageLoadBehavior ✓

☐ PrimaryView

☐ PopulateSavedValues

How would you define redirection to the Invoices (SO303000) form in an action method? 1 / 15

☒ By throwing the PXRedirectRequiredException exception ✓

☐ By throwing the PXReportRequiredException exception

☐ By throwing the PXRedirectToUrlException exception

☐ By using the HttpResponseMessage.Redirect() method

☐ By using the PXSelector attribute

Select all statements that correctly describe the PXProjection attribute. 12 / 15

☒ The PXProjection attribute implements the projection of data from one table or multiple tables into a single DAC. ✓

☐ A DAC with the PXProjection attribute is bound to a database table with the same name.



☐ A data view with the PXProjection attribute can be used for displaying data from multiple tables. ❌

☐ Inside the PXProjection attribute, you specify a fluent BQL query that selects data from multiple tables. ✔️

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

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☐ 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 ❌

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

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☐ 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 the selection of records in read-only mode in a data view?

15 / 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. ✔️

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](#)

FEEDBACK

T250 Inquiry Forms

Vidhyalakshmi Hariharasubramanian

Sr. Technical Account Manager

54:30

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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



Heath H.

Project Billing and Change Management

The class was very informative and well laid out to teach the module.