



Business Rules

Course #2006

Course Details

Length: 3 days

Prerequisite: Meridium - Administration

Benefits: You will learn how to enhance a Meridium database by adding and maintaining Field Level and Family Level Business Rules.

Audience: Implementers, Administrators

Overview

Working within the VSA Environment

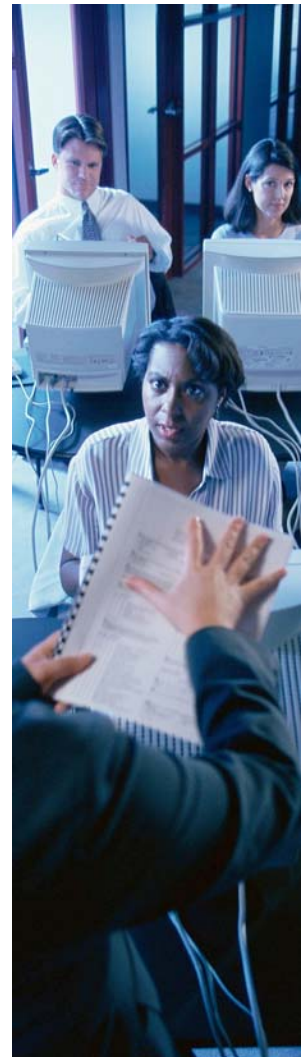
You will explore an existing Business Rule to learn how to navigate the VSA environment and to become familiar with its available functions and features.

Field Behaviors

You will learn how to use a field behavior to disable a field, make a field required, or populate a field with a default value. You will also learn how to use a field behavior to generate field pick-lists or validate user-entered values.

Utilizing Family Level Business Rules

At the family level, you will learn how to create Business Rules that generate new relationships, calculate values, or send e-mail notifications. You will also learn how to add error handling to rules and use the rule debugger to troubleshoot problems within rules.





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Day One Training Agenda

IDE Overview

- Objects and Classes
- The Code Editor
- The Project Explorer
- The Task List and Output Windows
- Using bookmarks

Navigating the IDE

- Accessing an existing family level rule
- Using Search tools within a project
- Adding bookmarks for quick access to code

Adding Field Behaviors

- Setting Required Field Behaviors
 - As always required
 - Based on another field value
- Setting Default Field Behaviors
 - As a literal value
 - To display the current date
 - To display the current user
 - To display the parent family
- Setting Disabled Field Behaviors
 - As always disabled
 - Based on another field value
- Setting Valid Values Field Behaviors to generate a pick-list based on a
 - Static list of values
 - System Code Table & References
 - SQL Command
 - Stored Command
 - Stored Command with parameters
- Formatting date and numeric field values
- Building calculations on date and numeric fields

Day Two Training Agenda

Adding Field Behaviors (continued)

- Setting Validation Field Behaviors
 - To validate a numeric field value
 - Using a Case Statement to validate a field value against multiple values
 - To create a date range validation
 - To compare numeric values

Using Error Handling

- Adding the Try/Catch block
- Detecting and handling errors & exceptions

Working with the Debugger

- Setting Debugger options
- Running a rule in Debug mode
- Using the Quick Watch feature

Day Three Training Agenda

Family Level Rules Overview

- After Insert and Before Insert Rules
- After Update and Before Update Rules
- After Delete and Before Delete Rules

Family Level Rules

- Dimensioning variables and objects
- Using Public variables
- Using an After Insert Rule to auto-generate relationships
- Using a Before Update rule to delete existing relationships
- Using an After Update rule to create a new relationship
- Adding Meridium References
- Using an After Update Rule to send an e-mail notification