2011



USER GUIDE

Conditional Visibility of Fields and Categories

Conditional Visibility of Fields

You can control the visibility of a data field based on a defined condition. Let's use the *Northwind* sample database as an example. In the *Products* page, there are the fields *Discontinued* and *Units On Order*. When *Discontinued* is equal to true, we would like the *Units On Order* field to not be displayed.

Run *Code On Time Generator*, select the project name you wish to edit, and press *Design*. Select the *Products* data controller, and switch to *Fields* tab. Select the *UnitsOnOrder* field and switch to *Data Fields*. Click on the data field that resides in the *Products* category and switch to *Visibility* tab. On the action bar, press *New | New Item*. In the *Expression* field, type "[Discontinued]==false". When the expression evaluates to a true, the field will be displayed. Otherwise, the field will not be displayed.

Data Controllers - Code OnTime		
		YouTube Blog Newsgroup http://www.codeontime.com
Review and modify properties of the project items and select Close to return to code generate	or.	
Project Designer		exit
S Home > Controller: Products > Field: UnitsOnOrder > Data Field: UnitsOnOrder		
Data Field Visibility		
Please fill this form and click OK button to create a new data field visibility expression. Click Ca	ncel to return to the previous screen.	
		View: New Visibility Expression *
General	Expression *	
The JavaScript expression that must evaluate to a <i>true</i> or <i>false</i> . If the expression is <i>false</i> then the field is not displayed.	[Discontinued]==false	<u>^</u>
The expression can refer to the field names available in this view. The field names must be wrapped in square brackets.		Ţ
Read more about conditional visibility of data fields.		
* - indicates a required field		OK Cancel
All customized project settings are stored in *.Log.xml files located in the root of your project.	ject folder.	
		-
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Save the visibility condition, close the designer, and generate the application. When the page loads, navigate to the *Products* page.

If you open the detail view of a record with *Discontinued* set to "No", you will be able to view the *Units On Order* field.



If you view a field with a *Discontinued* of "Yes", then the *Units On Order* field will not be displayed.

Products - Windows Interest	rnet Explorer								x
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Summary	Please review products info	rmation below. Click Edit to change this record, click	Delete to delete the re	ecord, or click Cancel/Close to	o return back.				
Product Name Chef Anton's Gumbo Mix	Record -					View:	Review Pro	ducts 🔹	
Supplier Company Name	🏠 🐌 * - indicates a requ	ired field			ок	Delete		ancel	
New Orleans Cajun Delights	Products	products record that can be edited.							
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Quantity Per Unit	Supplier Company Name	New Orleans Cajun Delights 🦉 🖃							
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This page allows products	Units In Stock	0							
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Conditional Visibility of Categories

You can also specify the visibility of categories based on specific conditions. Create two categories for *Orders* detail view, *General* and *Shipping Info*, and populate them with data fields. The *General* category data field list should look like the image below.

								Newsgroup eontime.com
eview and modify Project Designe		ect items an	d select <i>Close</i> to return	to code generator.				exit
子 Home > Contro	ller: Orders > Categor	y: General	1					
Category Data	a Fields Visibility							
This is a list of data	fields.							
Quick Find	P New F	Preview				١	iew: Data	Fields 🔹
ield Name	Read Only	Cols	Rows Data Type	Alias	Hidden	Text Mode	Σ	Chart
CustomerID	Default	n/a	n/a String	CustomerCompanyName	No	Text	None	None
EmployeeID	Default	n/a	n/a Int32	EmployeeLastName	No	Text	None	None
OrderDate	Default	10	n/a DateTime	n/a	No	Text	None	None
RequiredDate	Default	10	n/a DateTime	n/a	No	Text	None	None
ShippedDate	Default	10	n/a DateTime	n/a	No	Text	None	None
ShipVia	Default	n/a	n/a Int32	ShipViaCompanyName	No	Text	None	None
						Showing 1	-6 of 6 item	ns Refresh

The data fields for *Ship Info* should look as below.

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eview and modify prope	rties of the project items an	id select <i>Close</i> to	return to code generator					
Project Designer								exit
Home > Controller: O	rders > Category: Shippin	g Info						
Category Data Field	Is Visibility							
This is a list of data fields								
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ield Name	Read Only	Cols	Rows Data Type	Alias	Hidden	Text Mode	Σ	Chart
Freight	Default	15	n/a Decimal	n/a	No	Text	None	None
ShipName	Default	40	n/a String	n/a	No	Text	None	None
ShipAddress	Default	n/a	n/a String	n/a	No	Text	None	None
ShipCity	Default	15	n/a String	n/a	No	Text	None	None
ShipRegion	Default	15	n/a String	n/a	No	Text	None	None
ShipPostalCode	Default	10	n/a String	n/a	No	Text	None	None
ShipCountry	Default	15	n/a String	n/a	No	Text	None	None
						Sh	owing 1-7 of 7	items Refresh

Now, switch to the *Visibility* tab of the *Shipping Info* category. Create a new visibility condition by pressing *New | New Item*. We will want to hide the *Shipping Info* category when Shipped Date has a value. Otherwise, the category will be displayed. To implement this, type "[ShippedDate]==null". Save and generate the application. When you select an order, you will see the conditional visibility at work. An order without a *Shipped Date* displays the *Shipping Info*.

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History Permalink		Welcome admin, Today is Sunday, March 20, 2011 My Account	Logout Help
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Home Customers •	Employees Categories Customer Demographics Region Region Membership	Sit	te Actions -
	Home > Customers > Orders Orders		
Summary	Please review orders information below. Click Edit to change this record, click Delete to delete the record, or click Cancel/Close to return back.		
Customer Company Name Rancho grande	Record •	View: Review 0	Orders •
Employee Last Name Suyama		OK Delete C	Cancel
Order Date 4/12/1998 Required Date 5/11/1998 Shoped Date n/a About This page alows orders management. See Also • Customer Demo • Order Details	These are the fields of the orders record that can be edited. Customer Company Name Employee Last Name Suyama @ @ Order Date Shipped Date Shipped Date Shipped Date Shipped Date Shipped Tot This contains shipping Info. Freight 3.17 Ship Jame Rancho grande Ship Address A.v. del Libertador 900 Ship City Buenos Aires Ship Rancho grande Sh		*
Done	Ship Postal Code 1010 Ship Country Argentina		Cancel •

An order with a *Shipped Date* does not display the *Shipping Info*.

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Order Date			
9/9/1996	Customer Company Magazzini Alimentari Riuniti 🦉 🚔		
Required Date 10/7/1996	Employee Last Name Fuller		
Shipped Date	Order Date 9/9/1996		
9/18/1996	Required Date 10/7/1996		
About	Shipped Date 9/18/1996		
This page allows orders management.	Ship Via Company Name United Package		
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