2011



USER GUIDE

Making Database Views Updatable

Database views in *Code On Time* web applications are, by default, not editable. You can see the *Northwind* view *Alphabetical list of products* below. The records will highlight when you mouse over them, but nothing happens when you click on them. With the right modifications in *Code On Time Designer*, this view can be made updatable.

History Pe	ermalink							Welc	ome admin,	Today is Thursda	ay, February 03, 2	011 My Account Log	out Help
🚧 MyCompany													
Home C	Customers 🝷	Employees 🝷	Categories 🝷	Customer Dem	ographics Reg	ion 🔻 R	eports 🝷	Membership				Site A	ctions 🔻
		Home > R Alpha	abetical	etical list of produ	roducts								
About		This is a lis	t of alphabetical li	st of products.									
This page al alphabetical	allows al list of	Quid	k Find 🖌	Actions •	Report -						View: Alpha	betical list of produ	icts 🔹
products ma	anagement.	Product#	Product Name		Supplier#	Category	# Quantity	Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level Discon	itinued
See Also		1	Chai		1		1 10 boxe	s x 20 bags	\$18.00	39	0	10 No	
 Category 	/ Sales for 1997	2	Chang		1		1 24 - 12 0	oz bottles	\$19.00	17	40	25 No	
Current P	ent Product List comer and Suppliers ity ices er Details Extended er Subtotals	3	Aniseed Syrup		1		2 12 - 550	ml bottles	\$10.00	13	70	25 No	
by City		4	Chef Anton's Ca	ajun Seasoning	2		2 48 - 6 02	z jars	\$22.00	53	0	0 No	
 Invoices Order Dei 		6	Grandma's Boys	enberry Spread	3		2 12 - 8 02	z jars	\$25.00	120	0	25 No	
Order De Order Sul		7	Uncle Bob's Org	anic Dried Pears	3		7 12 - 1 lb	pkgs.	\$30.00	15	0	10 No	
Orders Q	<u>þ</u> ry	8	Northwoods Cra	anberry Sauce	3		2 12 - 12 0	oz jars	\$40.00	6	0	0 No	
-		10	Ikura		4	3	8 12 - 200	ml jars	\$31.00	31	0	0 No	
		11	Queso Cabrales		5		4 1 kg pkg		\$21.00	22	30	30 No	
		12	Queso Mancheg	go La Pastora	5		4 10 - 500	g pkgs.	\$38.00	86	0	0 No	
		« Previous	s Page: 1 2 3	4 5 6 7 Next	»				Iten	ns per page: 10,	15, 20, 25 Show	ing 1-10 of 69 items	Refresh

Open *Code On Time Generator*, select the project name that you would like to modify, and press *Design*. In the list of *All Controllers*, select the *Alphabeticallistofproducts* controller. Switch to the *Fields* tab, and click on the *ProductID* field. Enable the checkbox next to "Is Primary Key".

Project Designer exit												
G Home > Controller: Alphabeticallistofproducts												
Controller	Commands	Fields	Views	Categories	Data Fields	Action Groups	Actions					
This is a list of fields.												
Quick Find	Q	Record •	•									View: Fields -
Name		Index Ty	pe		1	Allow Nulls I	is Primary Key	Read Only	QBE	Sort	LEV	Label
ProductID		1 In	nt32	-	·		V		v	1		Product#
Save		ancel										
ProductNam	e	2 Str	ring		, i	No N	No	No	Yes	Yes	No	Product Name
SupplierID		3 Int	32		١	res 🛚 🕅	No	No	Yes	Yes	No	Supplier #
CategoryID		4 Int	32		١	(es 🛚 🕅	No	Yes	Yes	Yes	No	Category#
QuantityPer	Unit	5 Str	ring		١	res 🛚 🕅	No	No	Yes	Yes	No	Quantity Per Unit
UnitPrice		6 De	cimal		١	res 🛚 🕅	No	No	Yes	Yes	No	Unit Price
UnitsInStock	c	7 Int	16		١	(es 🛛	No	No	Yes	Yes	No	Units In Stock
UnitsOnOrde	er	8 Int	16		١	res N	No	No	Yes	Yes	No	Units On Order
ReorderLeve	<u>el</u> 🔻	9 Int	t 16		١	∕es N	No	No	Yes	Yes	No	Reorder Level
Discontinued	ł	10 Bo	olean		1	No N	No	No	Yes	Yes	No	Discontinued
«Previous Page: 1 2 Next » Items per page: 10, 25, 50, 100 Showing 1-10 of 11 items Refresh												

Switch to the Commands tab and edit command1. In Table Name, enter "Products".

Project Designer	exit
S Home > Controller: Alphabeticallistofproducts > Command: command1	
Command Parameters Field Outputs Views	
Please review command information below. Click Edit to change this record, click Delete to dele	ete the record, or click Cancel/Close to return back.
Record -	View: Command 🔻
General Id of the command.	CommandId * command1 Controller Alphabeticallistofproducts
Text Specify the command text and identify the event that will cause the command to execute. Note that the only supported command type for <i>Select</i> commands is <i>Text</i> . Enter the table name that must be used at runtime in automatically constructed <i>insert</i> , <i>update</i> , and <i>delete</i> data manipulation operations.	Text* select Alphabeticallistofproducts". "ProductID" "ProductID" ,"Alphabeticallistofproducts". "ProductName" "ProductNa me" ,"Alphabeticallistofproducts". "SupplierID " SupplierID" ,"Alphabeticallistofproducts". "CategoryID "CategoryID ,"Alphabeticallistofproducts". "QuantityPerUnit" "Quantit ,"Alphabeticallistofproducts". "UnitPrice" "UnitPrice" ,"Alphabeticallistofproducts". "UnitSInStock" "UnitSInStock Type Text Event* Select Table Name Products

Save the command, exit the *Designer*, and generate the project. When the application loads, navigate to the *Alphabetical list of fields* page. You can see that the first column now contains links, which navigate to detail view for the record. Using the dropdown menu next to the links, you can edit the record, and it will be saved upon pressing *Ok*. Clicking on the row of a record will activate the summary on the side of the page.

History Permalink							Welc	ome admin ,	Today is Thursd	ay, February 03, 2	011 My Account Logout Help
瓣 MyCompany											
Home Customers •	Employees 🝷	Categories •	Customer Demo	graphics I	Region 💌	Reports -	Membership				Site Actions •
	Home > F	abetical	tical list of produ	oduct	s						
Summary	This is a li	st of alphabetical li	t of products.								
Product#	Quia	k Find 🔎	🖃 New	🗾 Edit 💙	K Delete	Actions •	Report 🝷			View: Alpha	abetical list of products 🔹
2 Product Name	Producta	# Product Name		Supplie	r# Categ	ory# Quantity	Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level Discontinued
Chang*	1	Chai			1	1 10 boxes	x 20 bags	\$18.00	39	0	10 No
Supplier#	2	2 Chang*			1	1 24 - 12 o	z bottles	\$19.00	17	40	25 No
1 Category#	3	Aniseed Syrup			1	2 12 - 550	ml bottles	\$10.00	13	70	25 No
1	4	Chef Anton's Ca	un Seasoning		2	2 48 - 6 oz	jars	\$22.00	53	0	0 No
Quantity Per Unit 24 - 12 oz bottles	Select	Grandma's Boys	nberry Spread		3	2 12 - 8 oz	jars	\$25.00	120	0	25 No
About	Edit	Uncle Bob's Orga	nic Dried Pears		3	7 12 - 1 lb j	pkgs.	\$30.00	15	0	10 No
This page allows	Duplicate	Northwoods Cra	nberry Sauce		3	2 12 - 12 0	z jars	\$40.00	6	0	0 No
products management	New	Ikura			4	8 12 - 200	ml jars	\$31.00	31	0	0 No
See Also	-	Queso Cabrales			5	4 1 kg pkg.		\$21.00	22	30	30 No