

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.

Home > Reports > Alphabetical list of products

Alphabetical list of products

This is a list of alphabetical list of products.

Quick Find [] Actions Report View: **Alphabetical list of products**

Product#	Product Name	Supplier#	Category#	Quantity Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued
1	Chai	1	1	10 boxes x 20 bags	\$18.00	39	0	10	No
2	Chang	1	1	24 - 12 oz bottles	\$19.00	17	40	25	No
3	Aniseed Syrup	1	2	12 - 550 ml bottles	\$10.00	13	70	25	No
4	Chef Anton's Cajun Seasoning	2	2	48 - 6 oz jars	\$22.00	53	0	0	No
6	Grandma's Boysenberry Spread	3	2	12 - 8 oz jars	\$25.00	120	0	25	No
7	Uncle Bob's Organic Dried Pears	3	7	12 - 1 lb pkgs.	\$30.00	15	0	10	No
8	Northwoods Cranberry Sauce	3	2	12 - 12 oz jars	\$40.00	6	0	0	No
10	Ikura	4	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 Manchego La Pastora	5	4	10 - 500 g pkgs.	\$38.00	86	0	0	No

« Previous | Page: 1 2 3 4 5 6 7 | Next » Items per page: 10, 15, 20, 25 | Showing 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 *Alphabetical list of products* controller. Switch to the *Fields* tab, and click on the *ProductID* field. Enable the checkbox next to "Is Primary Key".

Project Designer [exit]

Home > Controller: **Alphabetical list of products**

Controller Commands **Fields** Views Categories Data Fields Action Groups Actions

This is a list of fields.

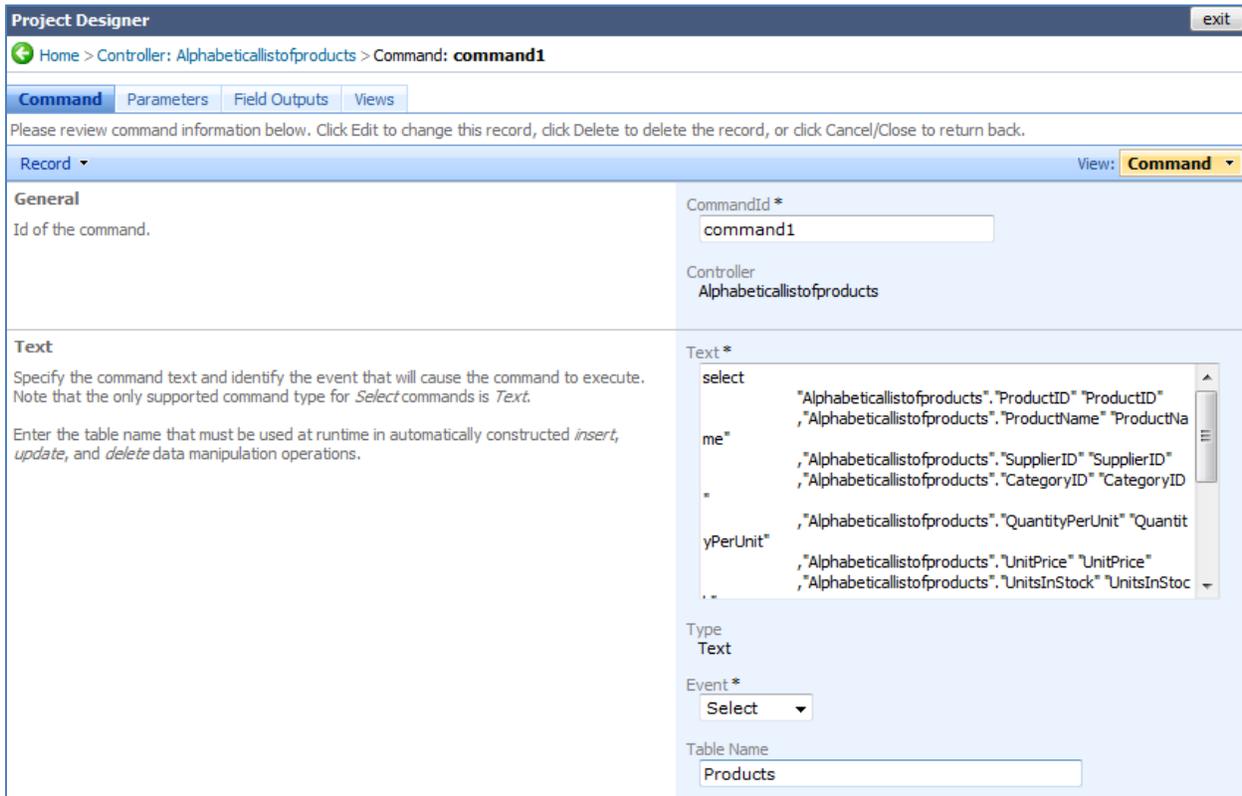
Quick Find [] Record View: **Fields**

Name	Index	Type	Allow Nulls	Is Primary Key	Read Only	QBE	Sort	LEV	Label
ProductID	1	Int32	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Product#
ProductName	2	String	No	No	No	Yes	Yes	No	Product Name
SupplierID	3	Int32	Yes	No	No	Yes	Yes	No	Supplier #
CategoryID	4	Int32	Yes	No	Yes	Yes	Yes	No	Category #
QuantityPerUnit	5	String	Yes	No	No	Yes	Yes	No	Quantity Per Unit
UnitPrice	6	Decimal	Yes	No	No	Yes	Yes	No	Unit Price
UnitsInStock	7	Int16	Yes	No	No	Yes	Yes	No	Units In Stock
UnitsOnOrder	8	Int16	Yes	No	No	Yes	Yes	No	Units On Order
ReorderLevel	9	Int16	Yes	No	No	Yes	Yes	No	Reorder Level
Discontinued	10	Boolean	No	No	No	Yes	Yes	No	Discontinued

Save Cancel

« 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”.



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.

