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# **COOKBOOK**

Data Controller URL Parameters

Code On Time applications recognize several URL parameters that allow constructing simple URL actions to open a multiple-purpose page in "new", "edit", or "view" mode.

The following URL will start a record in "new" mode.

[http://dev.codeontime.com/demo/websitefactory1/Pages/Customers.aspx?\\_controller=Customers&\\_commandName=New&\\_commandArgument=createForm1](http://dev.codeontime.com/demo/websitefactory1/Pages/Customers.aspx?_controller=Customers&_commandName=New&_commandArgument=createForm1)

The screenshot shows the 'MyCompany' application interface. The breadcrumb trail is 'Home > Customers'. The page title is 'Customers'. On the left, there is a navigation menu with 'About' (This page allows customers management), 'See Also' (Home, Customers, Employees, Categories, Customer Demographics, Region, Reports), and a 'Site Actions' dropdown. The main content area has a 'Record' dropdown and a 'View: New Customers' dropdown. Below this, there are 'OK' and 'Cancel' buttons. The form is titled 'New Customers' and includes the instruction 'Complete the form. Make sure to enter all required fields.' The form fields are: Customer # \* (text), Company Name \* (text), Contact Name (text), Contact Title (text), Address (text), City (text), Region (text), Postal Code (text), Country (text), Phone (text), and Fax (text). A legend indicates '\* - indicates a required field'. At the bottom, there are 'OK' and 'Cancel' buttons. The footer contains the copyright notice: '© 2010 Code OnTime LLC. Intelligent code generation software for ASP.NET. Visit us at http://codeontime.com'.

The following URL will start the *Products* page with product #7 displayed in "edit" mode.

[http://dev.codeontime.com/demo/WebSiteFactory1/Pages/Products.aspx?ProductID=7&\\_controller=Products&\\_commandName=Edit&\\_commandArgument=editForm1](http://dev.codeontime.com/demo/WebSiteFactory1/Pages/Products.aspx?ProductID=7&_controller=Products&_commandName=Edit&_commandArgument=editForm1)

The screenshot shows the 'MyCompany' application interface. The breadcrumb trail is 'Home > Categories > Products'. The page title is 'Products'. On the left, there is a navigation menu with 'Summary' (Product Name: Uncle Bob's Organic Dried Pears, Supplier Company Name: Grandma Kelly's Homestead, Category Name: Produce, Quantity Per Unit: 12 - 1 lb pkgs., Unit Price: \$30.00), 'About' (This page allows products management), 'See Also' (Home, Customers, Employees, Categories, Customer Demographics, Region, Reports), and a 'Site Actions' dropdown. The main content area has a 'Record' dropdown and a 'View: Review Products' dropdown. Below this, there are 'OK', 'Delete', and 'Cancel' buttons. The form is titled 'Products' and includes the instruction 'Please review products information below. Click Edit to change this record, click Delete to delete the record, or click Cancel/Close to return back.' The form fields are: Product Name \* (text, value: Uncle Bob's Organic Dried Pears), Supplier Company Name (text, value: Grandma Kelly's Homestead), Category Name (text, value: Produce), Quantity Per Unit (text, value: 12 - 1 lb pkgs.), Unit Price (text, value: \$30.00), Units In Stock (text, value: 15), Units On Order (text, value: 0), Reorder Level (text, value: 10), and Discontinued \* (dropdown, value: No). A legend indicates '\* - indicates a required field'. At the bottom, there are 'OK', 'Delete', and 'Cancel' buttons. The footer contains the copyright notice: '© 2010 Code OnTime LLC. Intelligent code generation software for ASP.NET. Visit us at http://codeontime.com'.

The following URL will select a Product record with ID = 35 in "view" mode:

[http://dev.codeontime.com/demo/WebSiteFactory1/Pages/Products.aspx?ProductID=35&\\_controller=Products&commandName=Select&commandArgument=editForm1](http://dev.codeontime.com/demo/WebSiteFactory1/Pages/Products.aspx?ProductID=35&_controller=Products&commandName=Select&commandArgument=editForm1)

The “\_controller” parameter is optional if your page presents a single data controller. You have to use this parameter to ensure that master-detail pages will respond correctly. The following URL will navigate to the protected *Suppliers* page and will select supplier #22 in “edit” mode. You will have to sign in to access the page.

[http://dev.codeontime.com/demo/WebSiteFactory6/Pages/Suppliers.aspx?SupplierID=22&\\_controller=Suppliers&commandName=Edit&commandArgument=editForm1](http://dev.codeontime.com/demo/WebSiteFactory6/Pages/Suppliers.aspx?SupplierID=22&_controller=Suppliers&commandName=Edit&commandArgument=editForm1)

Product Name	Category Name	Quantity Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued
Zaanse koeken	Confections	10 - 4 oz boxes	\$9.50	36	0	0	No
Chocolade	Confections	10 pkgs.	\$12.75	15	70	25	No

Notice that cancellation or successful Insert, Update, or Delete action will automatically navigate back to the previous page that was loaded in the browser prior to navigation with data controller URL parameters. This convenient behavior will save time that is typically needed to write redirection logic in similar situations.