

2010



## **USER GUIDE**

Conditional CSS Styling

Suppose that you need to highlight all *Order Details* rows with *UnitPrice* above \$30 and indicate those rows with *Discount* greater than or equal to 15%, such as in the picture below.

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MyCompany

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Home > Customers > Order Details

### Order Details

This is a list of order details.

Quick Find New Order Details Actions Report View: Order Details

Order Customer #	Product Name	Unit Price	Quantity	Discount	Order Customer Company Name	Order Employee Last Name	Order Ship Via Company Name	Product Category Name	Product Supplier Company Name
VINET	Queso Cabrales	\$14.00	12	0	Vins et alcools Chevalier	Buchanan	Federal Shipping	Dairy Products	Cooperativa de Quesos 'Las Cabras'
VINET	Singaporean Hokkien Fried Mee	\$9.80	10	0	Vins et alcools Chevalier	Buchanan	Federal Shipping	Grains/Cereals	Leka Trading
VINET	Mozzarella di Giovanni	\$34.80	5	0	Vins et alcools Chevalier	Buchanan	Federal Shipping	Dairy Products	Formaggi Fortini s.r.l.
TOMSP	Tofu	\$18.60	9	0	Toms Spezialitäten	Suyama	Speedy Express	Produce	Mayumi's
TOMSP	Manjimup Dried Apples	\$42.40	40	0	Toms Spezialitäten	Suyama	Speedy Express	Produce	G'day, Mate
HANAR	Jack's New England Clam Chowder	\$7.70	10	0	Hanari Carnes	Peacock	United Package	Seafood	New England Seafood Cannery
HANAR	Manjimup Dried Apples	\$42.40	35	0.15	Hanari Carnes	Peacock	United Package	Produce	G'day, Mate
HANAR	Louisiana Fiery Hot Pepper Sauce	\$16.80	15	0.15	Hanari Carnes	Peacock	United Package	Condiments	New Orleans Cajun Delights
VICTE	Gustaf's Knäckebröd	\$16.80	6	0.05	Victualles en stock	Leverling	Speedy Express	Grains/Cereals	PB Knäckebröd AB
VICTE	Ravioli Angelo	\$15.60	15	0.05	Victualles en stock	Leverling	Speedy Express	Grains/Cereals	Pasta Buttini s.r.l.

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A newly generated *Web Site Factory* application will have all rows uniformly displayed in the default style. We will need to use *Code On Time Designer* to modify the application, so click on *Code On Time Generator* link on your desktop. Click on the project name, and press the *Design* button.

Select the *OrderDetails* controller from the *All Controllers* list. Switch to the *Views* tab, click on *grid1*, and go to the *Styles* tab. We will need to create two new styles for the application. On the action bar, press *New | New Style*.

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Review and modify properties of the project items and select *Close* to return to code generator.

Project Designer exit

Home > Controller: OrderDetails > View: grid1

View Categories Styles Data Fields

This is a list of style expressions defined for this view.

Quick Find New Preview View: Styles

Test

No records found.

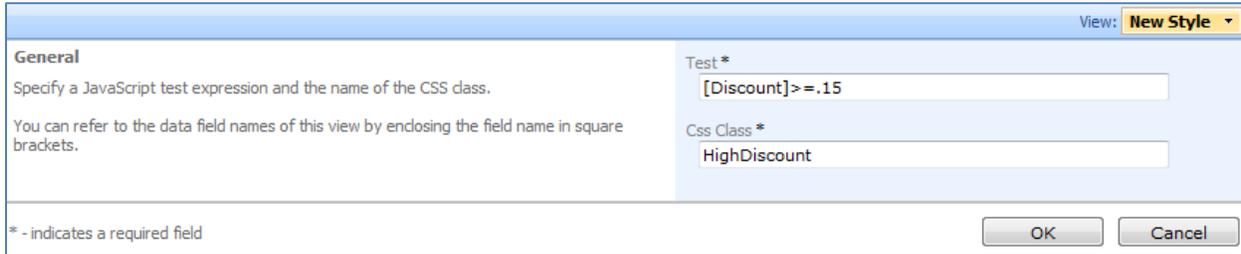
New Style Create a new style.

Css Class

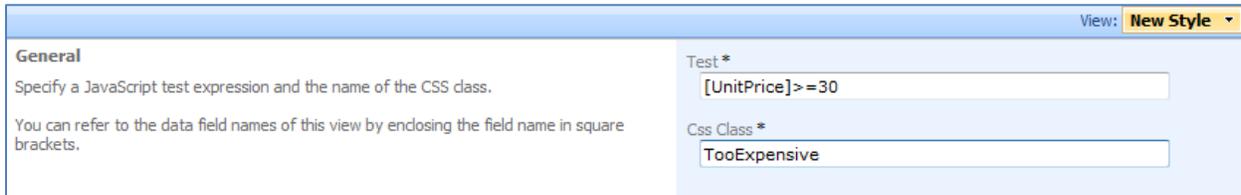
Refresh

All customized project settings are stored in \*.Log.xml files located in the root of your project folder.

For the first style, we need to test *Discount* field to see if it is greater than or equal to 15%. If true, the *Css Class* of “HighDiscount” will be applied. Set *Test* to “[Discount]>=.15”, *Css Class* to “HighDiscount”, and save by pressing *OK*.

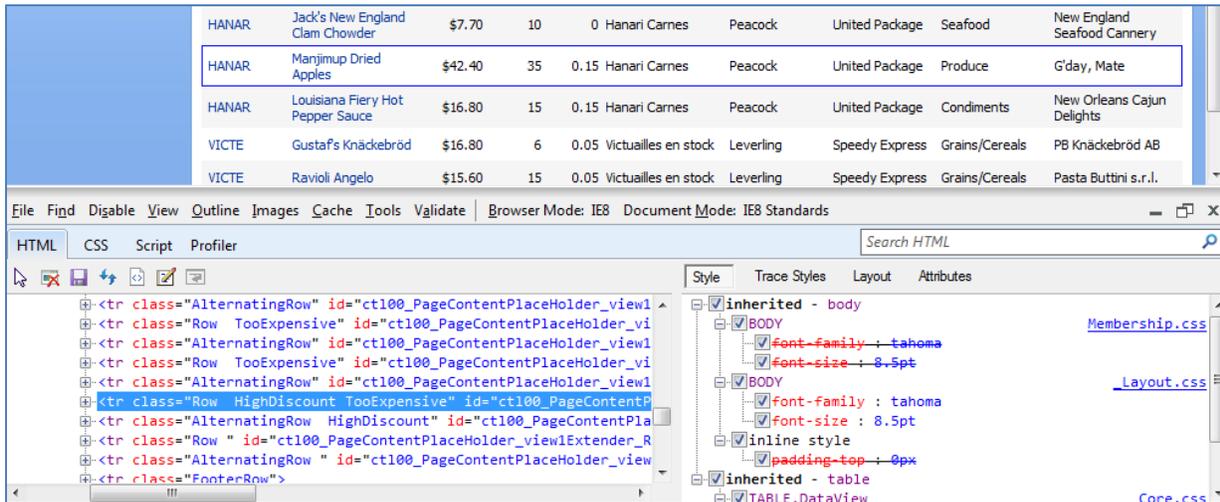


The second style will see if *UnitPrice* is equal to or above \$30. If true, the *Css Class* of *TooExpensive* will be applied. Set *Test* to “[UnitPrice]>=30”, *Css Class* to “TooExpensive”, and save.



Close the *Designer* by clicking on the exit link in the top right corner of the screen, press the *Next* button, and then *Generate*. When generation finishes, a web page will appear with the modified application. Navigate to the *Order Details* page.

No custom styling has been applied yet, so the changes will not be visible to casual users. However, we can detect the changes by using *Developer Tools* in *Internet Explorer 8*. Open it by pressing *F12*, and on the menu, press *Find | Select Element by Click*. Select a row that has *Discount* greater than 15%, and you can see in the HTML that the styles have been applied to the relevant rows. The selected row in the picture below has the classes of *Row*, *HighDiscount*, and *TooExpensive*.



We will need to create custom styling for the *HighDiscount* and *TooExpensive* classes by using *Microsoft Visual Studio* or *Visual Web Developer*. From the menu, select *File | Open Website*, navigate to the location of your website project, and select the folder. In the *Solution Explorer*, expand *App\_Themes/MyCompany* folder (or the folder with the *\_Layout.skin* file, if you have a non-default namespace for your project). Right-click on the *MyCompany* folder and press *Add New Item*. Select *Style Sheet* from the list and press *Add*.

Create the style definitions for *HighDiscount* and *TooExpensive* by typing the code below into the stylesheet. Make sure to append the *!important* suffix right after the style attribute value, so that the style overrides any other styles defined elsewhere in the application.

```
tr.HighDiscount td.Discount
{
    color: white !important;
    font-weight: bold !important;
    background-color: red !important;
}
tr.TooExpensive td
{
    background-color: orange !important;
    color: yellow !important;
}
```

Save the stylesheet, and refresh the web page.

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Now we have conditional styling. Rows with class *HighDiscount* have the *Discount* cell highlighted in red, with white font. Rows with class *TooExpensive* are highlighted orange, with yellow font. This styling is also applicable when viewing *Order Details* inside of the *Customers* page.