

## ADVANCE MODELING

### TAGS AND EXPRESSIONS

WebSource expressions are used to dynamically generate text or calculate values based on the configuration data. Expression can use string data, numeric data, math functions, If then statements and WebSource Tags.

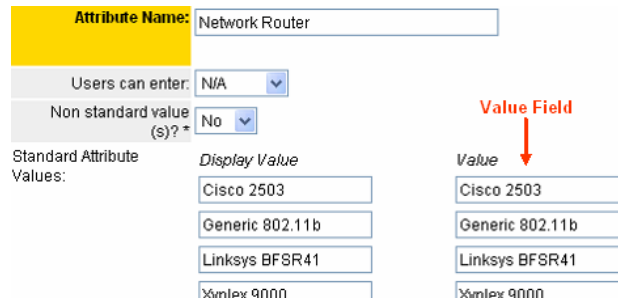
WebSource Tags can be used in many instances in the system. Three major areas may be a Product Model, a Quote/Cart, or a Word document to generate a printable Quote for a customer. Tags are used to obtain values the named Attribute or Attribute Value. Tags can also grab other information useful in expressions.

**NOTE:** All tags and their descriptions are listed in Appendix A.

When used in a product modeling, Tags can be used to generate an intelligent part number (see Chapter 30). For Instance, if the following was entered into the **Product Catalogue Code Generator** in Product Definition (see Chapter 13):

```
<* ValueCode(Network Router) *>---<* ValueCode(Network Wireless) *>
```

then the Attribute Value for that Attribute, in this case Network Router and Network Wireless, would be inserted as the Product Number. ValueCode returns the value of the named attribute. The Value that is inserted depends on what is entered in the Value field of the Attribute Value (see below). This page is described further in Chapter 4, Attribute Administration.



<b>Attribute Name:</b>	Network Router	
Users can enter:	N/A	
Non standard value (s)? *	No	
Standard Attribute Values:	Display Value	Value
	Cisco 2503	Cisco 2503
	Generic 802.11b	Generic 802.11b
	Linksys BFSR41	Linksys BFSR41
	Xentex 9000	Xentex 9000

Figure 22-1 shows what the Product Number will look like. The Product Number is created dynamically, which means the Product Number changes according to what the user chooses.

<b>Select Network Wireless:</b> <input type="radio"/> No option selected <input type="radio"/> Generic PCMCIA <input type="radio"/> Cisco 352 <input checked="" type="radio"/> Siemens Wireless <input type="radio"/> Linksys Wireless	<b>Select Network Router:</b> <input type="radio"/> No option selected <input checked="" type="radio"/> Cisco 2503 <input type="radio"/> Generic 802.11b <input type="radio"/> Xyplex 9000 <input type="radio"/> Linksys BFSR41	<b>Code:</b> Cisco 2503-- Siemens Wireless
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Figure 22-1 – Product Code Generator

The Code Generator does not need to use the Attribute Value for the Product Number. Each Attribute Value can have a different value that is used by the Code Generator. Details on this can be found in Chapter 15.

Tags and Expression can also be used for Quotes/Carts. There are special Cart/Quote Tags that should be used for these instances. For Cart Visibility restrictions (Chapter 41), Tags can be used to as Expressions to determine whether or not a user is able to see a Cart/Quote.

For instance, entering <\*SAMEZIPCODE\*> into the Condition field in the Cart Visibility Administration page (Figure 22-2) will tell the system to compare ZIP Codes to determine whether or not Quotes/Carts are visible. <\*SAMEZIPCODE\*> compares the ZIP Codes of the currently logged in user and the Cart's owner to determine whether or not the cart is visible. It also compares the currently logged in user's ZIP Code and a customer's ZIP Code for Customer Visibility (see Chapter 46).

Cart Visibility Administration

<b>User :</b> <div style="border: 1px solid gray; padding: 2px;">         Bane          Jane Smith          Jane Surname          john smith          Morey Buy       </div>	<b>User Group :</b> <div style="border: 1px solid gray; padding: 2px;">         CUSTOMER          SALES REP.          Student       </div>	<b>Comp:</b> <div style="border: 1px solid gray; padding: 2px;">         Co_N          WS E          WS E       </div>
<b>Condition :</b>		
<*SAMEZIPCODE*>		

Figure 22-2 – Cart Visibility Administration

Another major area Tags can be used in the system is in creating a Word document to generate a printable Quote (see Chapter 43). For example, Figure 22-3 was a Word document created to generate a quote. Figure 22-4 is what the document looks like after it has been generated. The quote number, name, company name, address, have all been inserted into the document dynamically.

QUOTE NUMBER: <<Q\_QUOTE(NUMBER)>>

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<<Q\_BILLTO(FIRSTNAME)>> <<Q\_BILLTO(LASTNAME)>>  
<<Q\_BILLTO(COMPANY)>>  
<<Q\_BILLTO(ADDRESS1)>>  
<<Q\_BILLTO(ADDRESS2)>>  
<<Q\_BILLTO(CITY)>>, <<Q\_BILLTO(STATE)>> <<Q\_BILLTO(ZIPCODE)>>

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Figure 22-3 – Tags entered into a Word Document

QUOTE NUMBER: Q00120003

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Jim Purchase  
MyCompany  
Street Name

City Name, 53202

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Figure 22-4 – Customer information filled in automatically