

Survey Crafter Walkthrough

Summary:	Capturing web server environment information in a Survey Crafter Professional web survey
Walkthrough:	SCWT-SCP350-0517001
Applies to:	Survey Crafter Professional 3.5.0 or later
Topic:	Surveys
Last Updated:	Monday, June 27, 2005
More Info:	Click here for more walkthroughs

Synopsis

This article describes a procedure for capturing web server environment information in a Survey Crafter Professional web survey.

Briefly, the following procedure has you do the following:

1. Add custom assignment rules to capture and store web server information in new imported variables
 2. Change the settings in the *Web Survey Setup* dialog box to include the additional variables in your web survey's data file
 3. When you are ready, publish your web survey
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Notes

These instructions assume you are using Survey Crafter Professional 3.5.0 or later.

To determine what version of Survey Crafter Professional you are using, choose *About Survey Crafter Professional* from Survey Crafter Professional's *Help* menu.

Walkthrough

Step 1

Start Survey Crafter Professional and open the study file that contains the survey for which you would like to capture web server environment information.

Survey Crafter Professional displays the *Study* window.

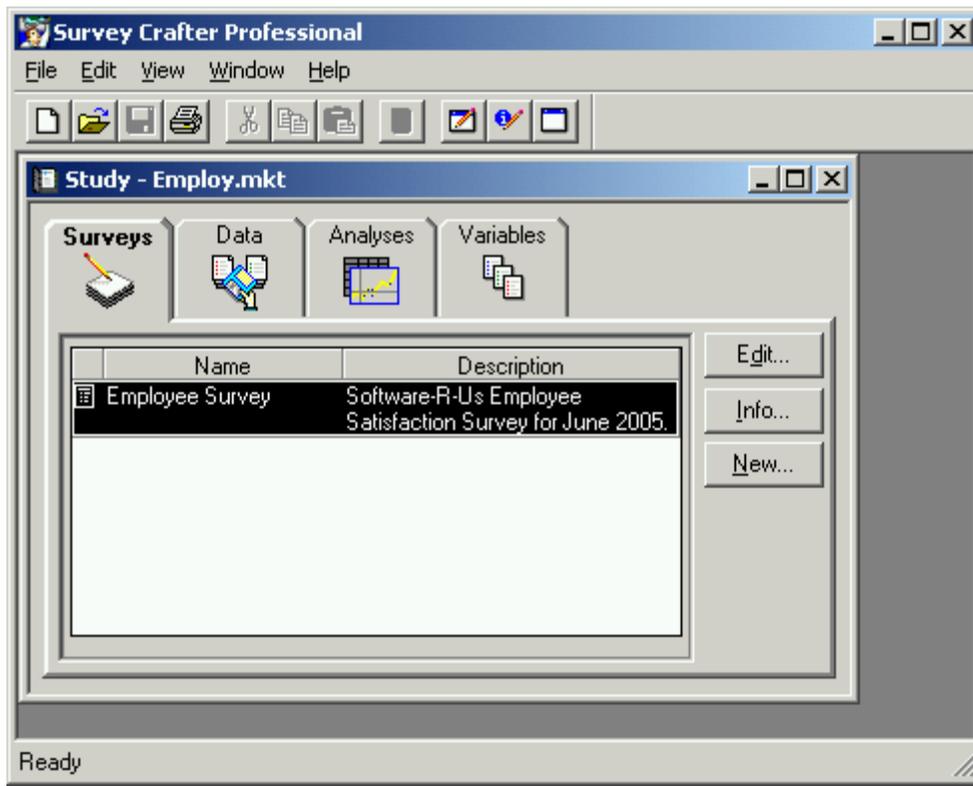


Figure 1: Survey Crafter Professional's *Study* window

Step 2

On the *Surveys* tab of the *Study* window, double-click on the survey for which you would like to capture web server environment information.

Survey Crafter Professional displays the *Survey Designer* window for the survey.

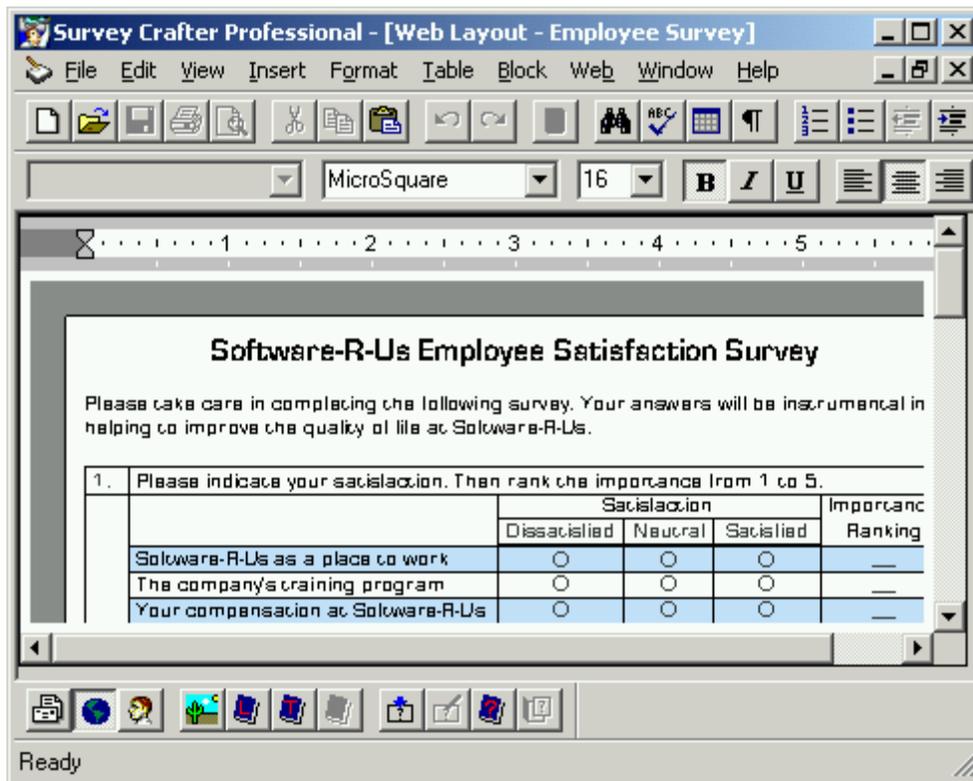


Figure 2: The *Survey Designer* window

Step 3

Right-click anywhere in the *Survey Designer* window and choose *Custom Rules* from the pop-up menu.

Alternatively, choose *Custom Rules* from Survey Crafter Professional's *Block* menu.

Survey Crafter Professional displays the *Custom Rules* dialog box.

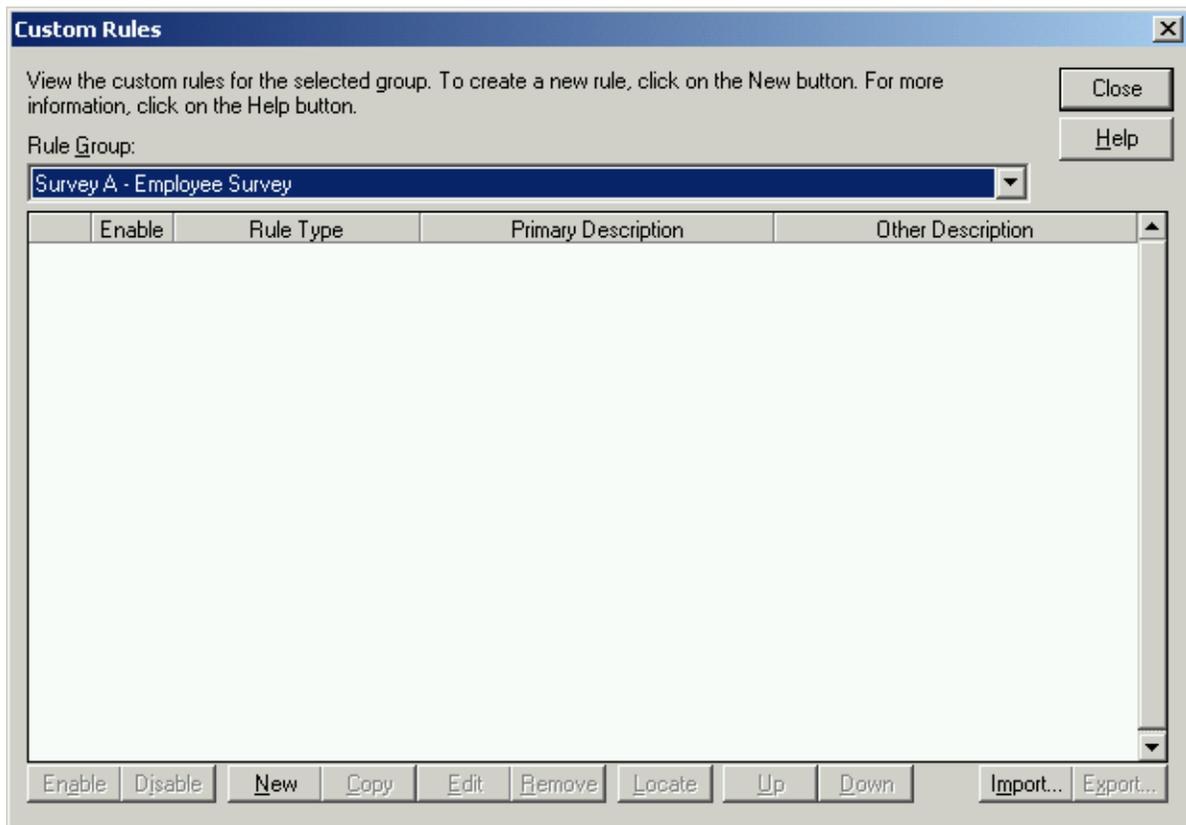


Figure 3: The *Custom Rules* dialog box

Step 4

Click on the *New* button at the bottom of the dialog box.

Survey Crafter Professional displays the *Custom Rule - New* dialog box.

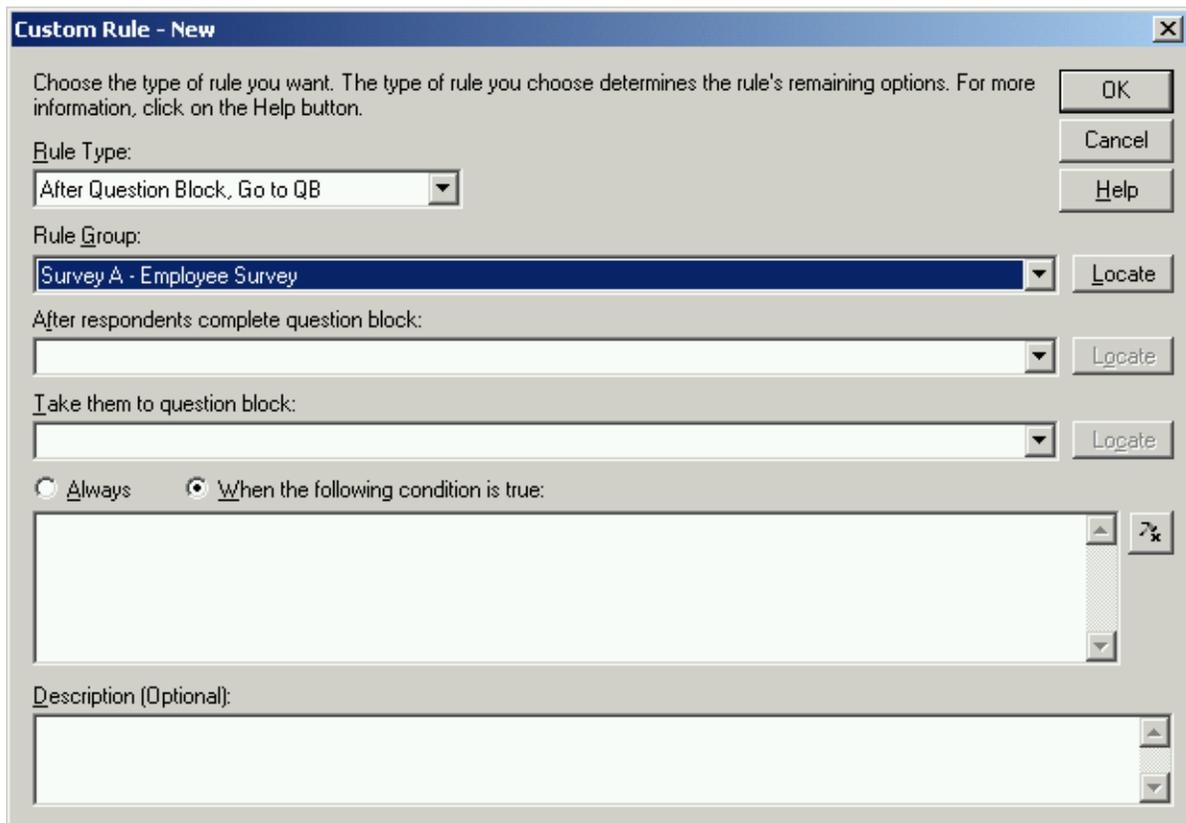


Figure 4: The *Custom Rule - New* dialog box

Step 5

Choose *After Web Page, Assign Variable* from the *Rule Type* drop down.

Survey Crafter Professional changes the remaining options in the dialog box.

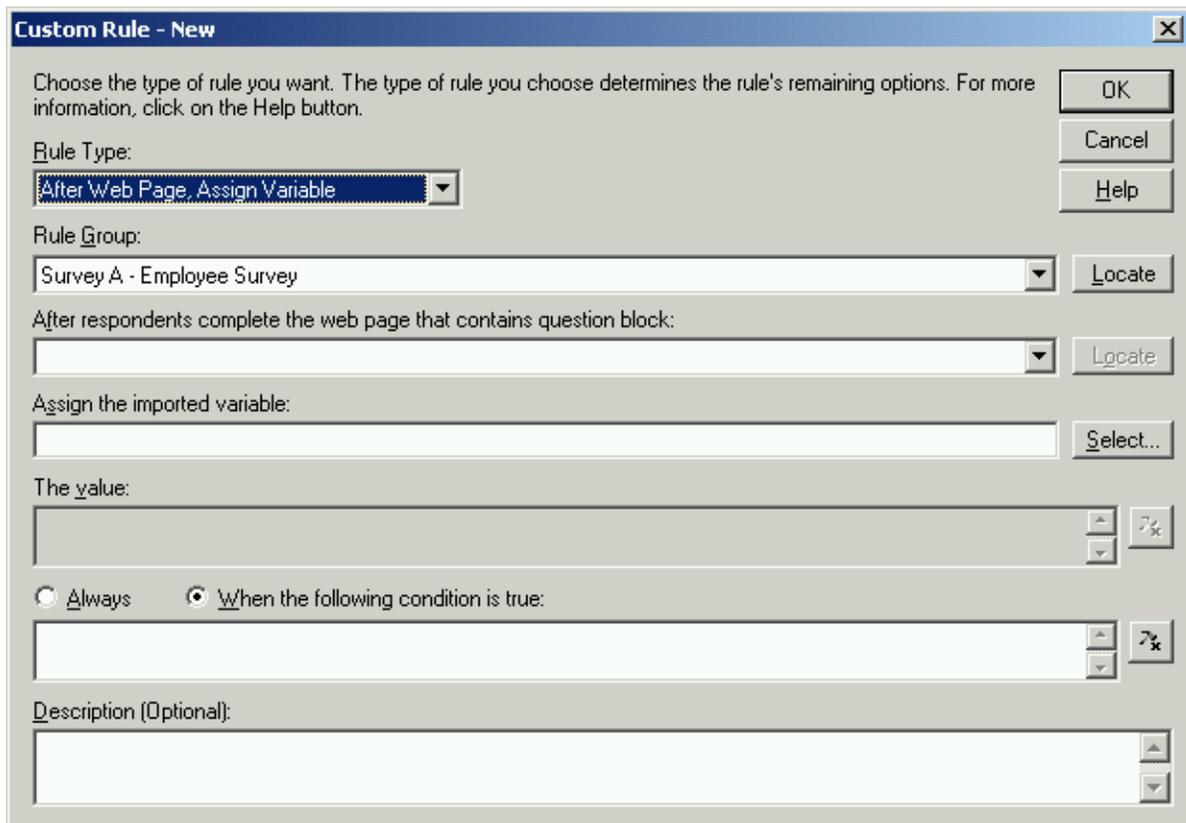


Figure 5: The *After Web Page, Assign Variable* custom rule

Step 6

Choose a question block from the *After respondents complete the web page that contains question block* dropdown.

The web survey script will assign the variable when the respondent clicks on the *Next* button on the page that contains the chosen question block.

For example, if you want to capture the date and time respondents complete your web survey, you may want to choose the last question block in your survey.

Step 7

Click on the *Select* button to the right of the *Assign the imported variable* box.

Survey Crafter Professional displays the *Select Imported Variable* dialog box.

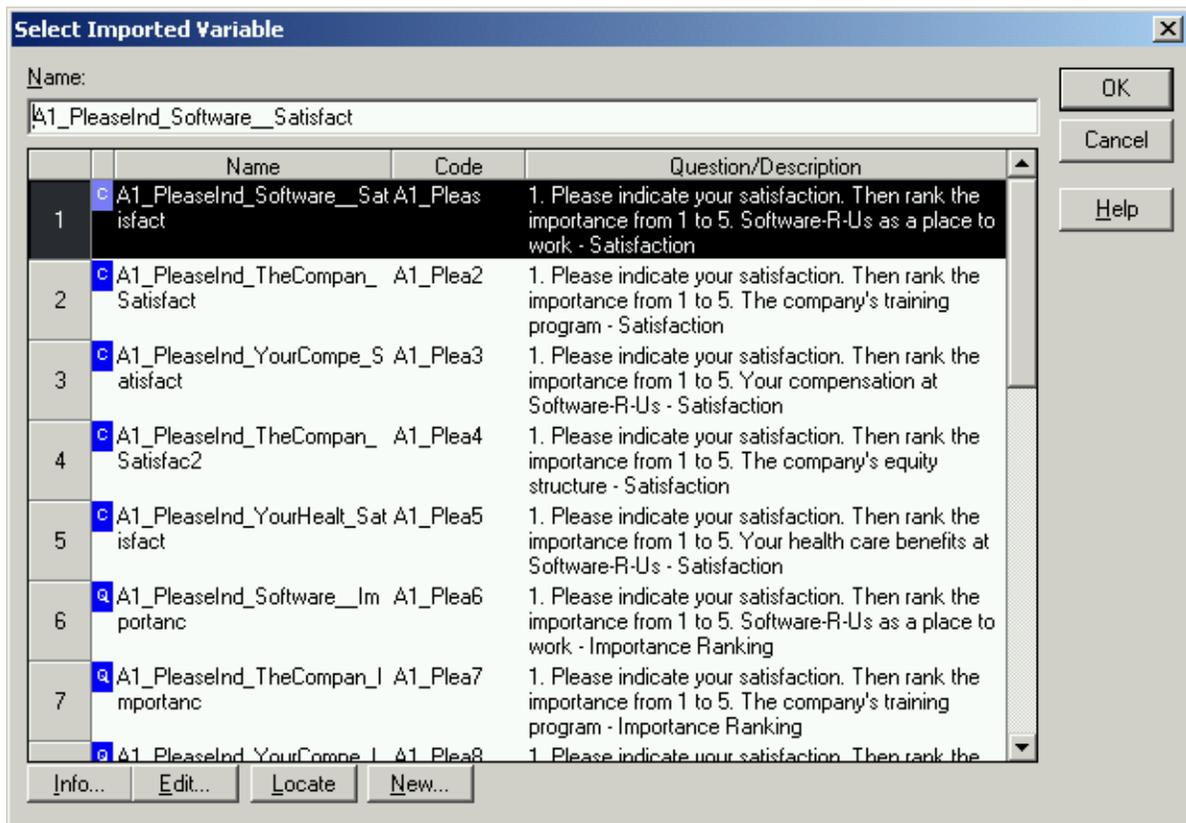


Figure 6: The *Select Imported Variable* dialog box

Step 8

If you have already created the imported variable you want to use to capture the information, click on the variable and skip to step 14. Otherwise, click on the *New* button at the bottom of the dialog box.

Survey Crafter Professional displays the *Variable Information* dialog box.

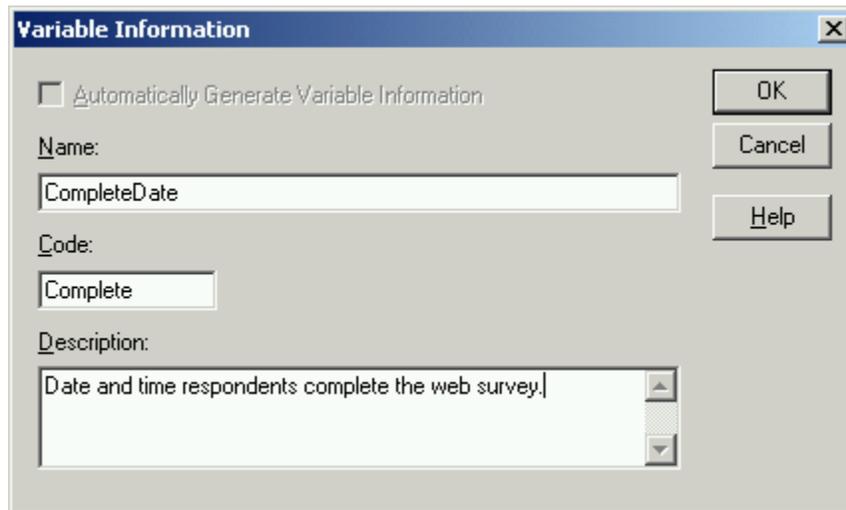


Figure 7: The *Variable Information* dialog box

Step 9

Enter the name, code and description for the new variable.

It is useful to enter a name that you will be able to easily type, recognize and understand.

For example, if you would like to capture the respondent's IP address, *IPAddr* may be a good choice because the name is recognizable and easily understood.

If you would like to capture the respondent's remote user name, *RemUser* may be a good choice.

If you would like to capture the date and time respondents complete your survey, *CompleteDate* may be a good choice.

Note: The web server's remote user name environment variable rarely has any information since most browsers do not send user name information unless the web server has authenticated the respondent.

Step 10

Click on the OK button on the *Variable Information* dialog box.

Survey Crafter Professional displays the *Variable Definition* dialog box.

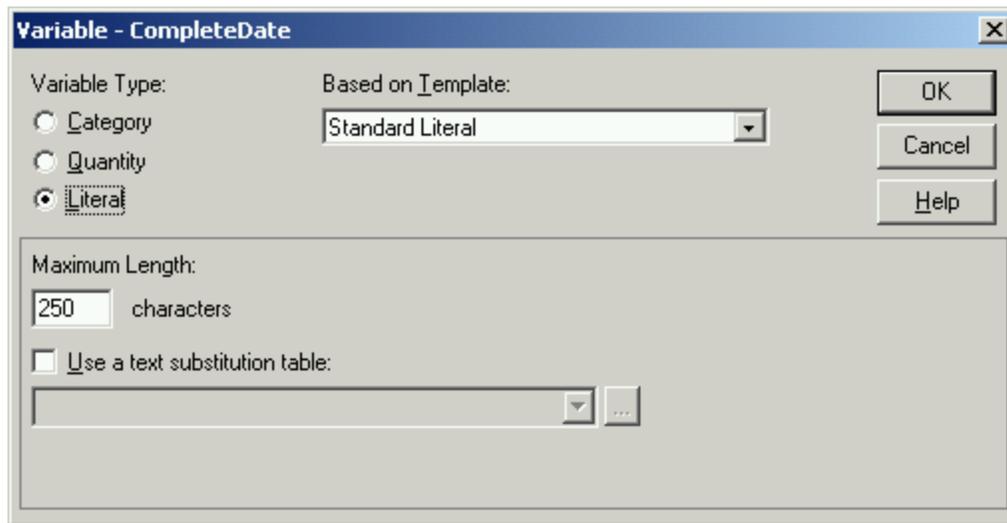


Figure 8: The *Variable Definition* dialog box

Step 11

Under *Variable Type*, choose the type of variable that is appropriate for the information you would like to capture from your web server.

For example, if you would like to capture the respondent's IP address or remote user name, choose *Literal*. If you would like to capture the date and time respondents complete your survey, choose *Literal*.

Step 12

Set the remaining options for the variable.

For example, if you would like to capture the respondent's IP address, you may want to set *Maximum Length* to 11 characters (123.567.901).

If you would like to capture the date and time respondents complete your survey, set *Maximum Length* to the number of characters needed to display the date and time. For example, "2005/06/26 07:35" uses 16 characters.

Step 13

Click on the OK button on the *Variable Definition* dialog box.

Survey Crafter Professional adds the new variable to the variables listed in the *Select Imported Variable* dialog box.

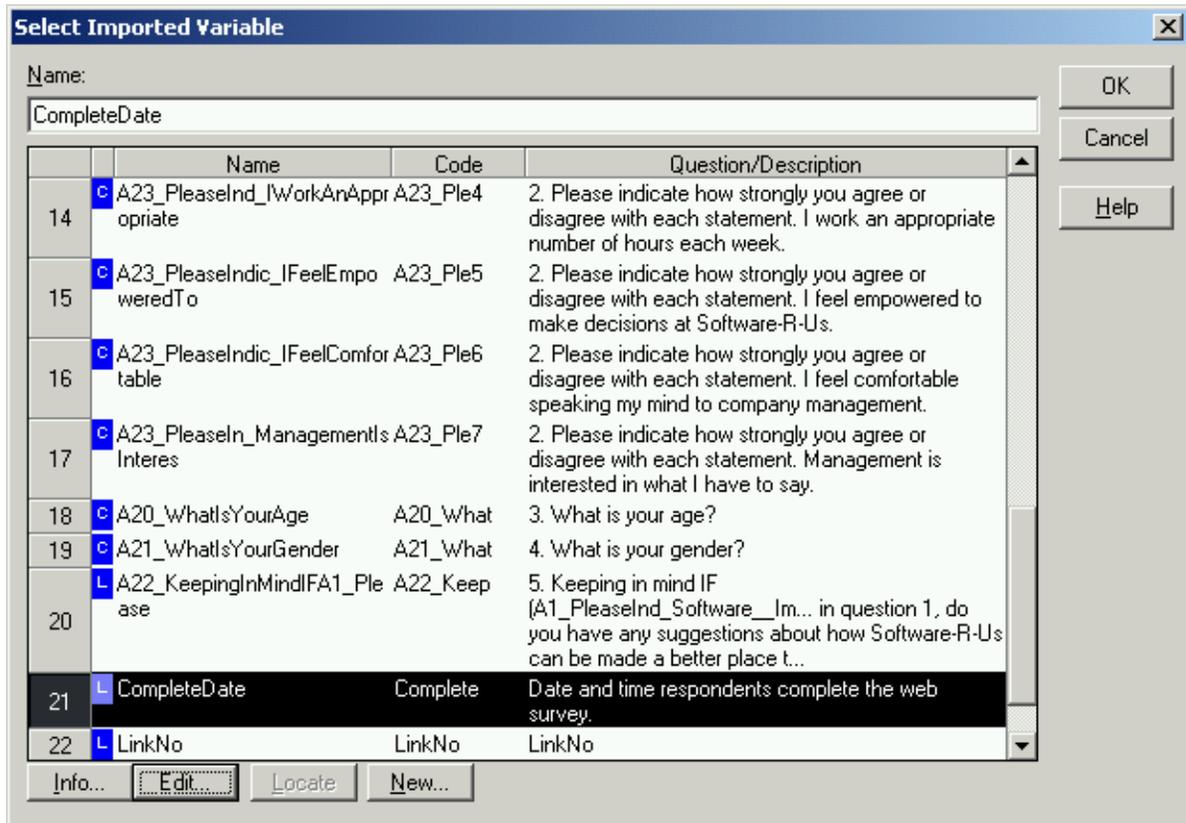


Figure 9: The *Select Imported Variable* dialog box

Step 14

Click on the *OK* button on the *Select Imported Variable* dialog box.

Survey Crafter Professional shows the variable under *Assign the imported variable* in the *Custom Rule - New* dialog box.

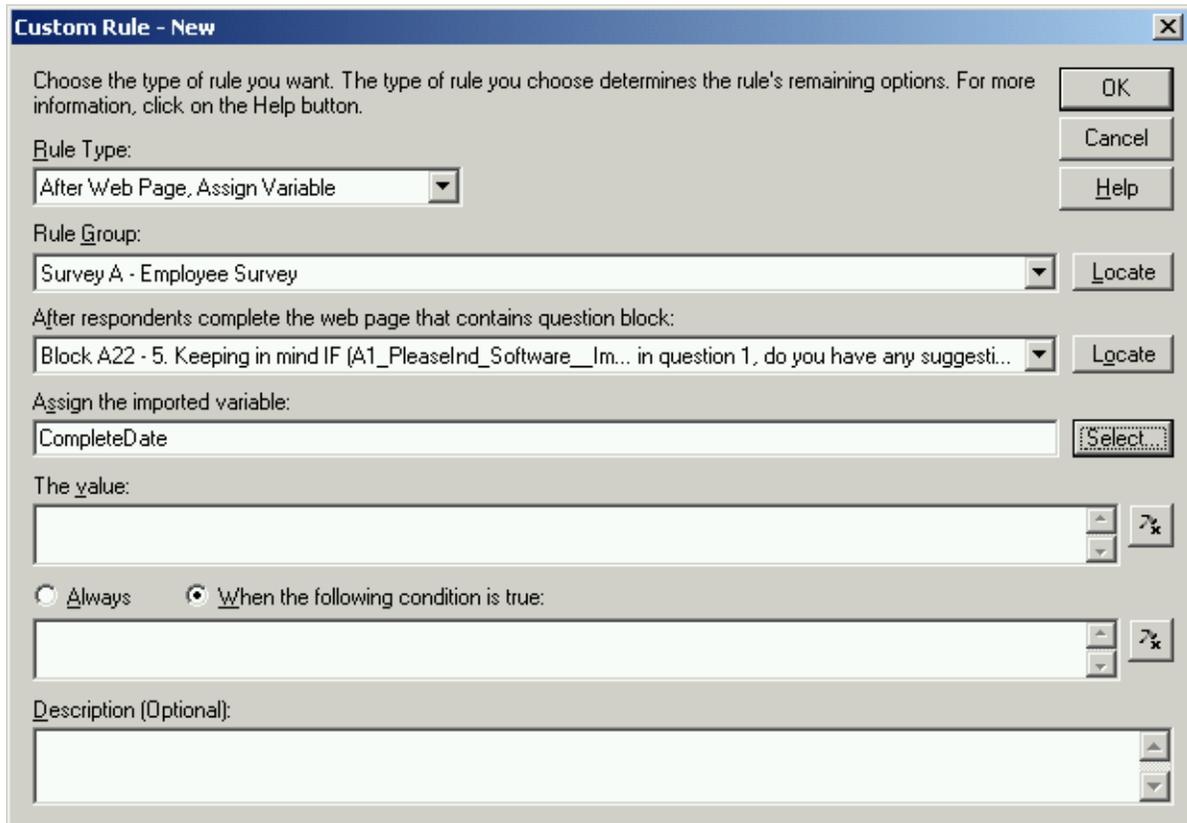


Figure 10: The *After Web Page, Assign Variable* custom rule

Step 15

Click on the *Expression Builder* button to the right of the box under *The value*.

Survey Crafter Professional displays the *Expression Builder* dialog box.

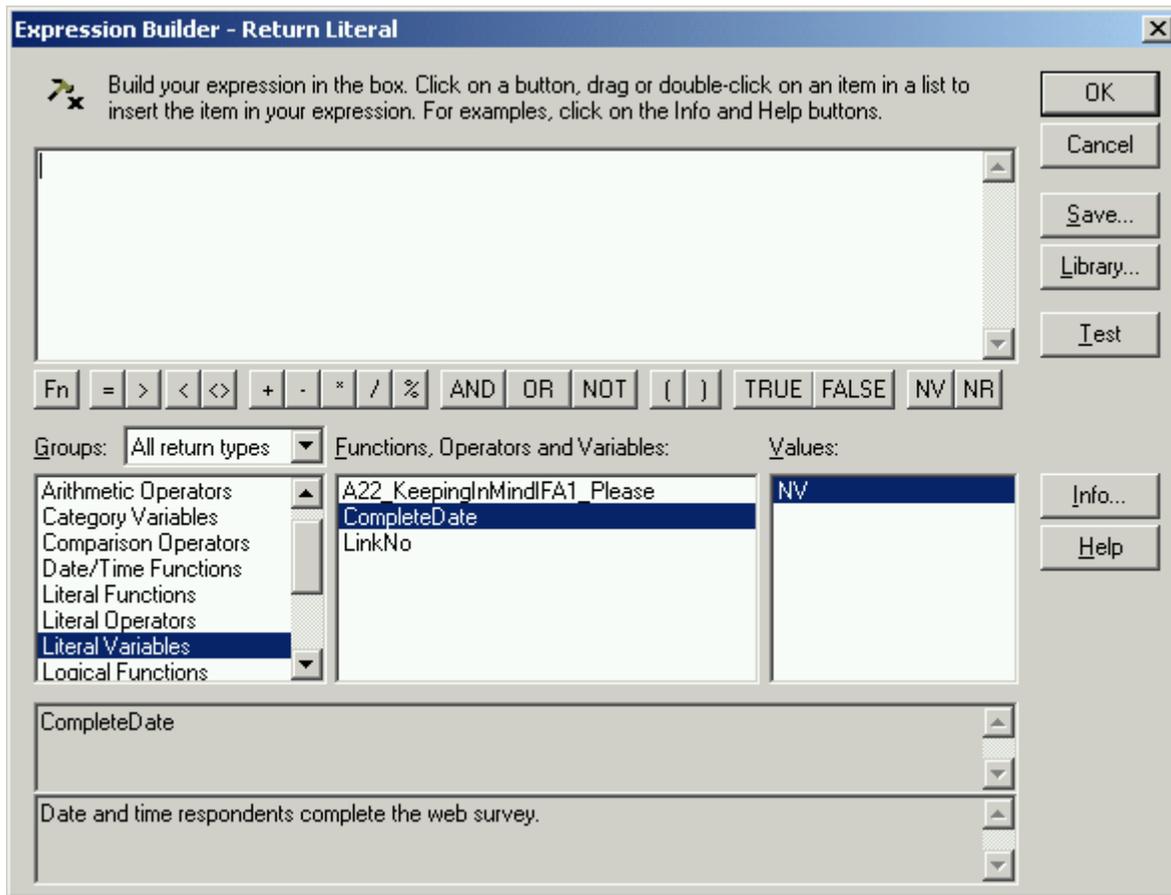


Figure 11: The *Expression Builder* dialog box

Step 16

Do one of the following:

- If you want to capture the respondent's IP address or remote user name, click on *Web Functions* under *Groups*, double-click on *WEBSERVER_ENV* under *Functions, Operators and Variables* and replace *NAME* in the expression box with "*REMOTE_ADDR*" or "*REMOTE_USER*". For example, if you want to capture the respondent's IP address, the expression should look like the following:

```
WEBSERVER_ENV("REMOTE_ADDR")
```

To see examples as well as a list of options offered by the *WEBSERVER_ENV* function, click on the *Info* button on the *Expression Builder* dialog box.

- If you want to capture the date and time from your web server, click on *Date/Time Functions* under *Groups*, double-click on *FORMAT_LOCALTIME*, replace *DATEFORMATNUMBER* in the expression box with 1 and *timeformatnumber* with 3. The expression should look like the following:

```
FORMAT_LOCALTIME(1,3)
```

To see examples as well as a list of the formatting options offered by the *FORMAT_LOCALTIME* function, click on the *Info* button on the *Expression Builder* dialog box.

Survey Crafter Professional displays your expression in the box.

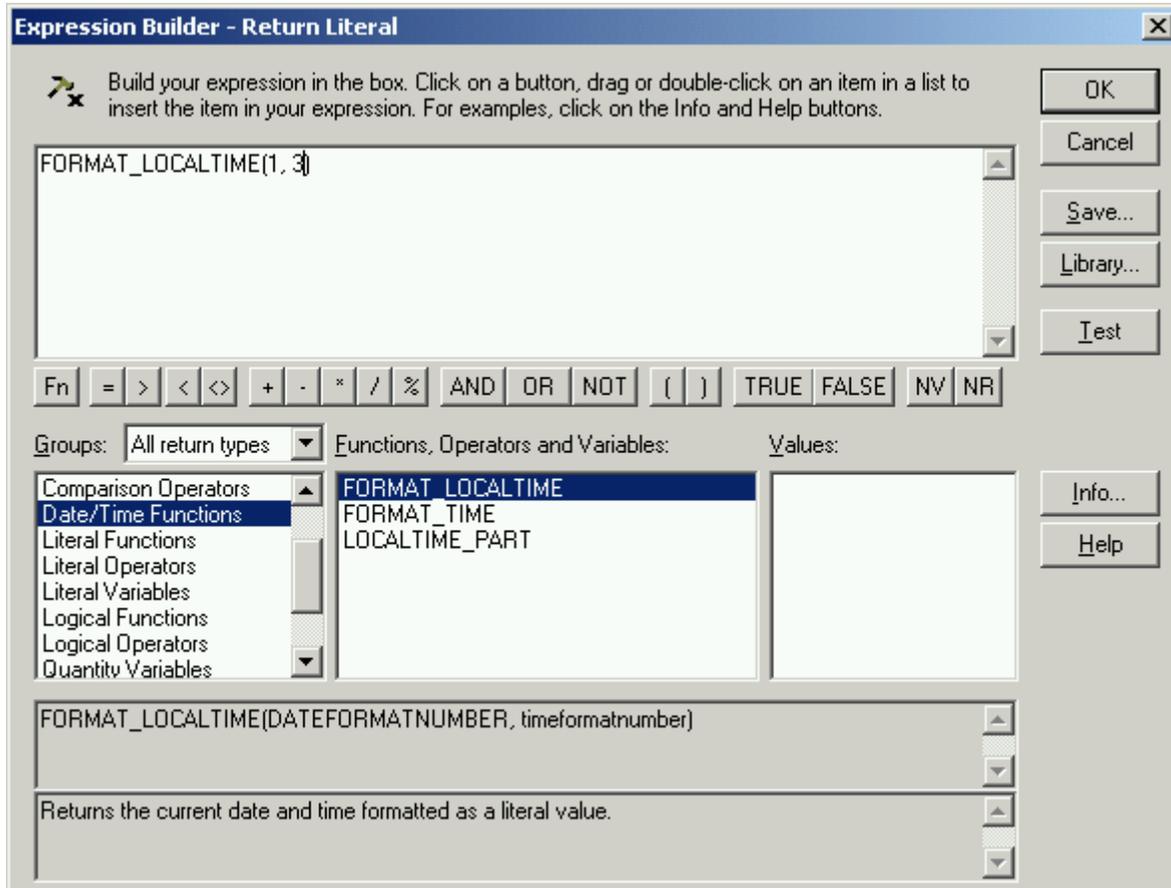


Figure 12: The *Expression Builder* dialog box

Step 17

Click on the *OK* button on the *Expression Builder* dialog box.

Survey Crafter Professional displays your expression under *The value*.

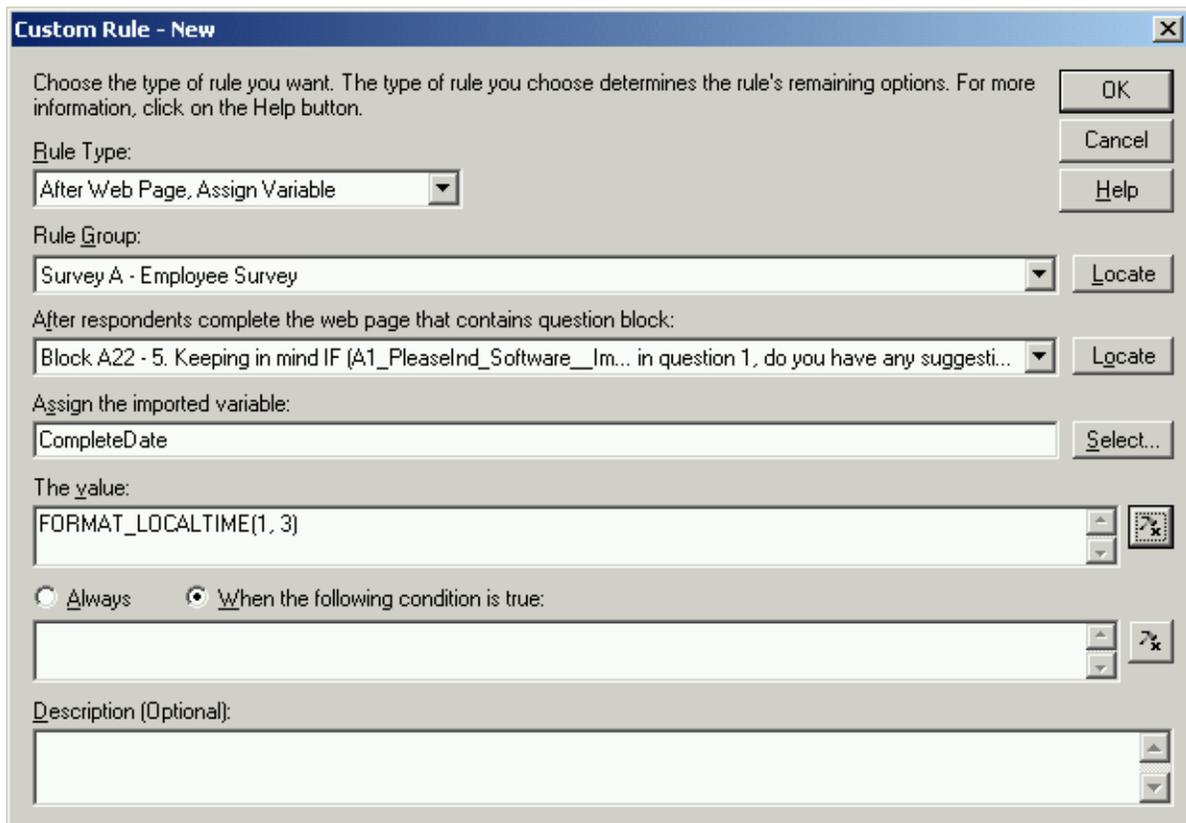


Figure 13: The *After Web Page, Assign Variable* custom rule

Step 18

Do one of the following:

- If you want Survey Crafter Professional to always assign the variable, choose *Always*.
- If you want Survey Crafter Professional to assign the variable only under certain conditions, choose *When the following condition is true* and click on the *Expression Builder* button to the right of the box. Use the *Expression Builder* dialog box to write your expression and click on the *OK* button. To get help writing your expression, click on the *Help* button on the *Expression Builder* dialog box.

For example, if you want Survey Crafter Professional to assign the variable only once, choose *When the following condition is true* and enter an expression like *CompleteDate=NV*. This tells Survey Crafter Professional to assign the *CompleteDate* variable

only when its value is NV (No Value).

Choose the type of rule you want. The type of rule you choose determines the rule's remaining options. For more information, click on the Help button.

Rule Type:
After Web Page, Assign Variable

Rule Group:
Survey A - Employee Survey

After respondents complete the web page that contains question block:
Block A22 - 5. Keeping in mind IF (A1_PleaseInd_Software__Im... in question 1, do you have any suggesti...

Assign the imported variable:
CompleteDate

The value:
FORMAT_LOCALTIME(1, 3)

Always When the following condition is true:
CompleteDate=NV

Description (Optional):

Buttons: OK, Cancel, Help, Locate, Select...

Figure 14: The *After Web Page, Assign Variable* custom rule

Step 19

If you want, enter a description for your rule.

Enter a description that will help you or others recognize the rule and understand what the rule is doing.

Figure 15: The *After Web Page, Assign Variable* custom rule

Step 20

Click on the *OK* button on the *Custom Rule - New* dialog box.

Survey Crafter Professional adds the *After Web Page, Assign Variable* rule to the list on the *Custom Rules* dialog box.

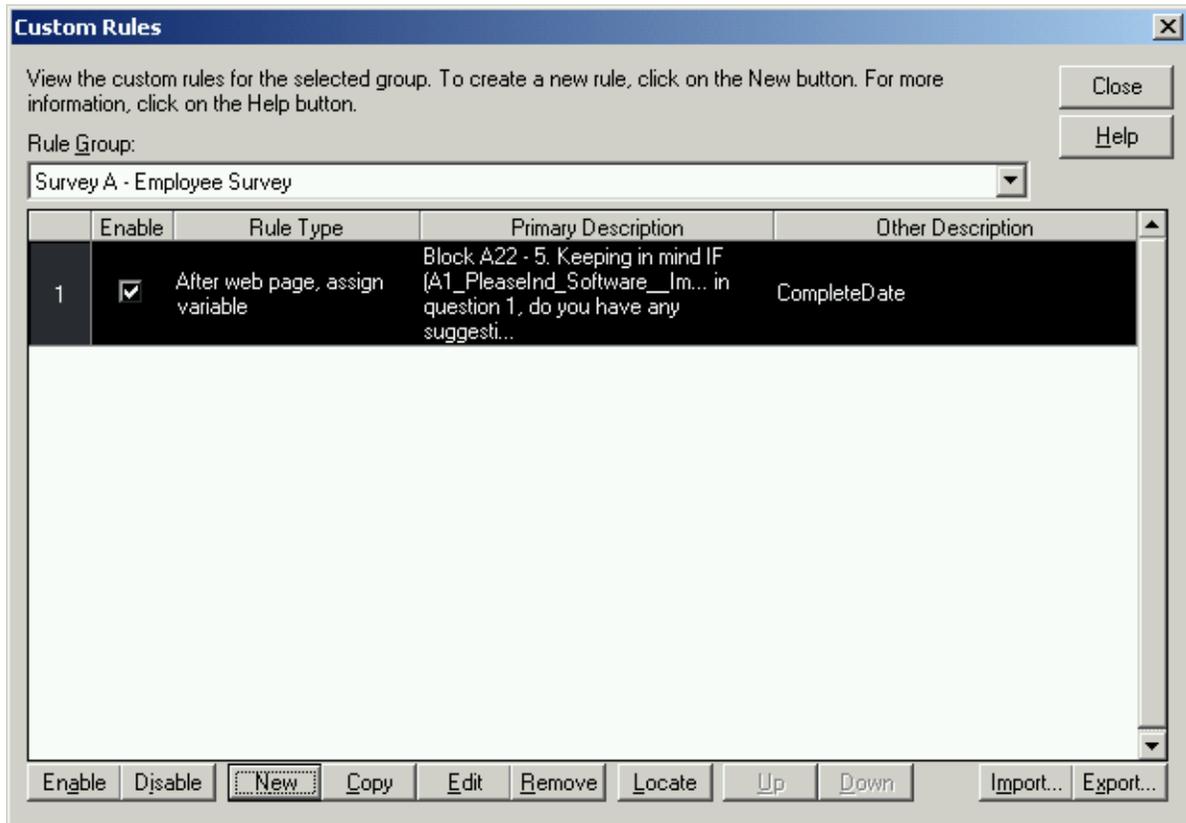


Figure 16: The *Custom Rules* dialog box

Step 21

Repeat steps 4 through 20 for each additional piece of information you wish to capture from your web server.

For example, if you want to capture both the respondent's IP address and the date and time respondents complete your survey, you need to add two *After Web Page, Assign Variable* rules to your survey.

Step 22

Click on the *Close* button on the *Custom Rules* dialog box.

Step 23

Choose *Web Survey Setup* from Survey Crafter Professional's *Web* menu.

If the *Web* menu is not available, choose *Web Layout* from the *View* menu. Then choose *Web Survey Setup* from the *Web* menu.

Survey Crafter Professional displays the *Template* tab of the *Web Survey Setup* dialog box.

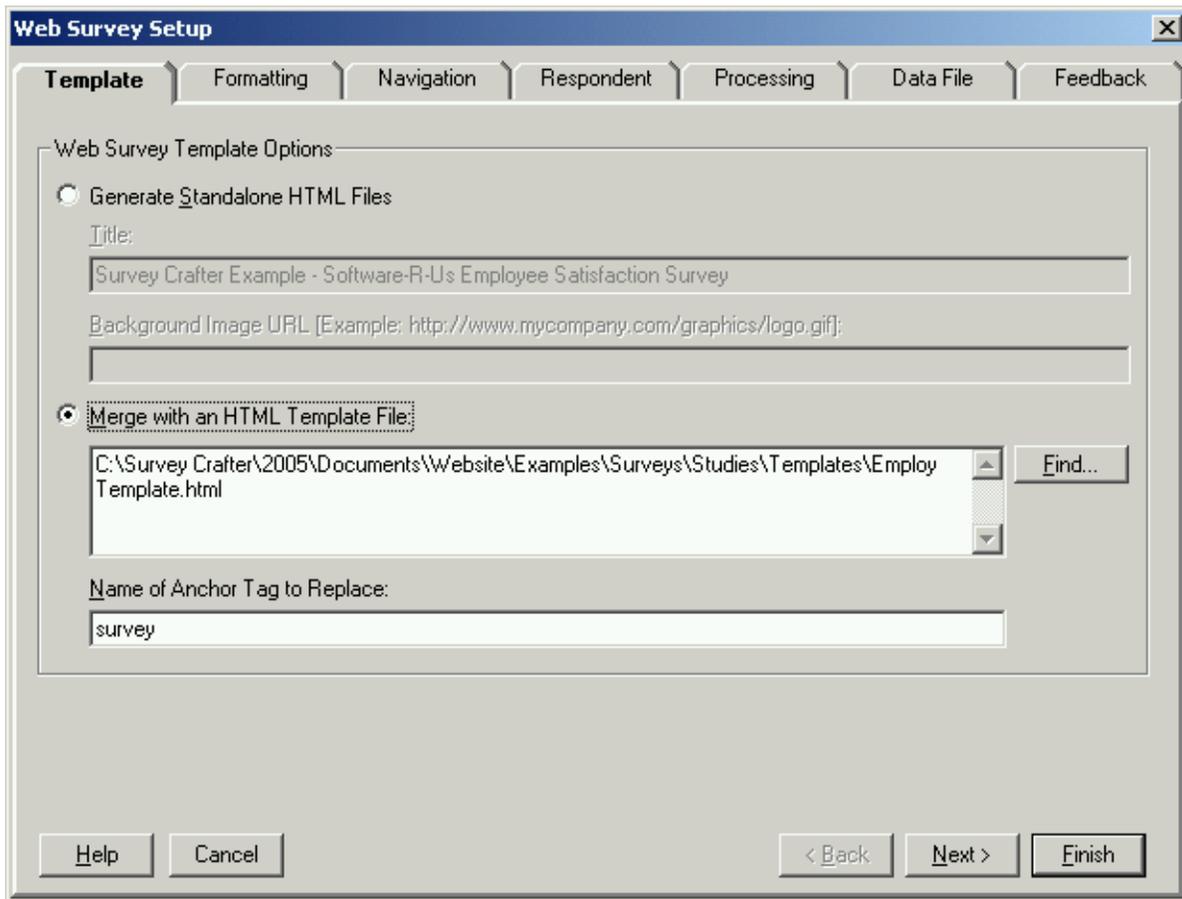


Figure 17: The *Template* tab of the *Web Survey Setup* dialog box

Step 24

Click on the *Data File* tab of the *Web Survey Setup* dialog box.

Survey Crafter Professional displays the *Data File* tab of the *Web Survey Setup* dialog box.

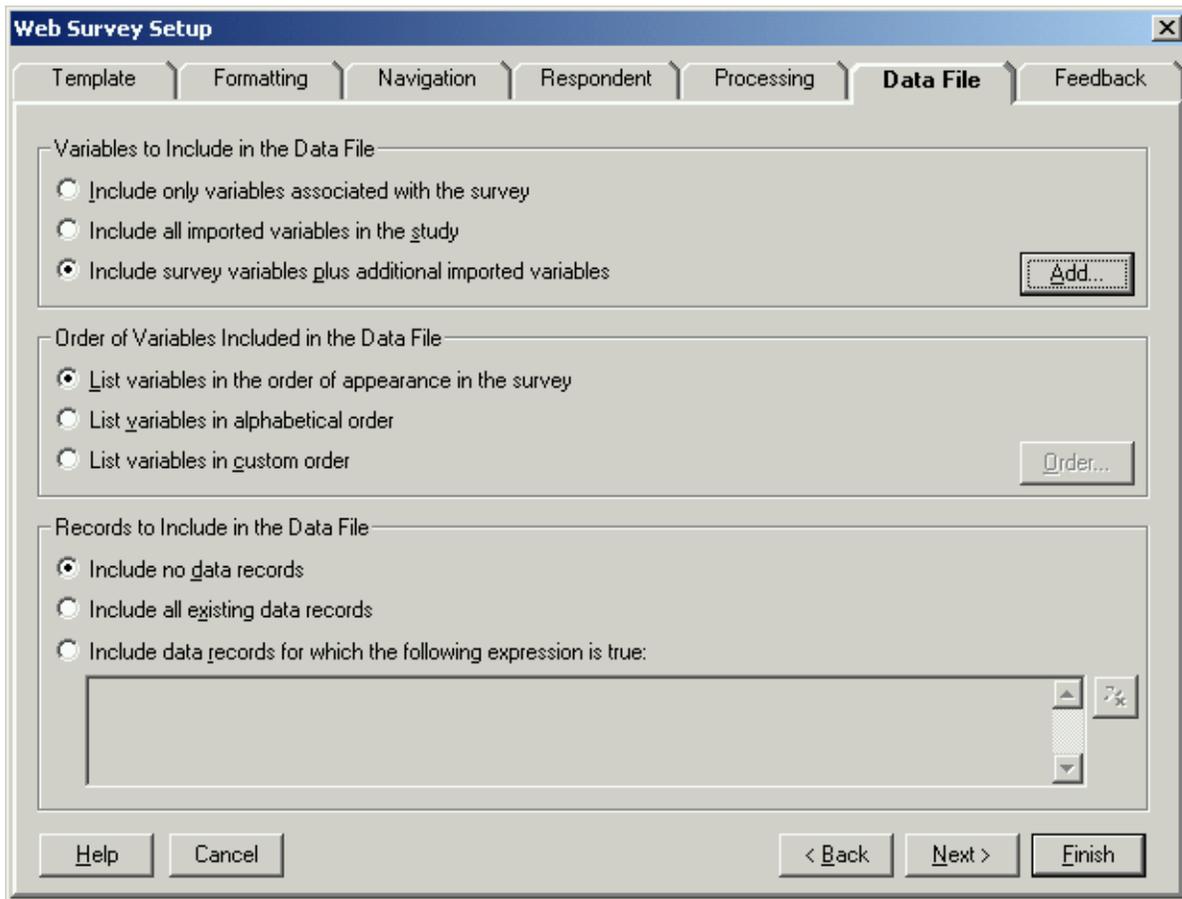


Figure 18: The *Data File* tab of the *Web Survey Setup* dialog box

Step 25

Under *Variables to Include in the Data File*, select *Include survey variables plus additional imported variables*.

Choosing this option instructs Survey Crafter Professional to also include variables that are not associated with your web survey.

Step 26

Click on the *Add* button to the right of *Include survey variables plus additional imported variables*.

Survey Crafter Professional displays the *Web Survey Data File - Add Variables* dialog box.

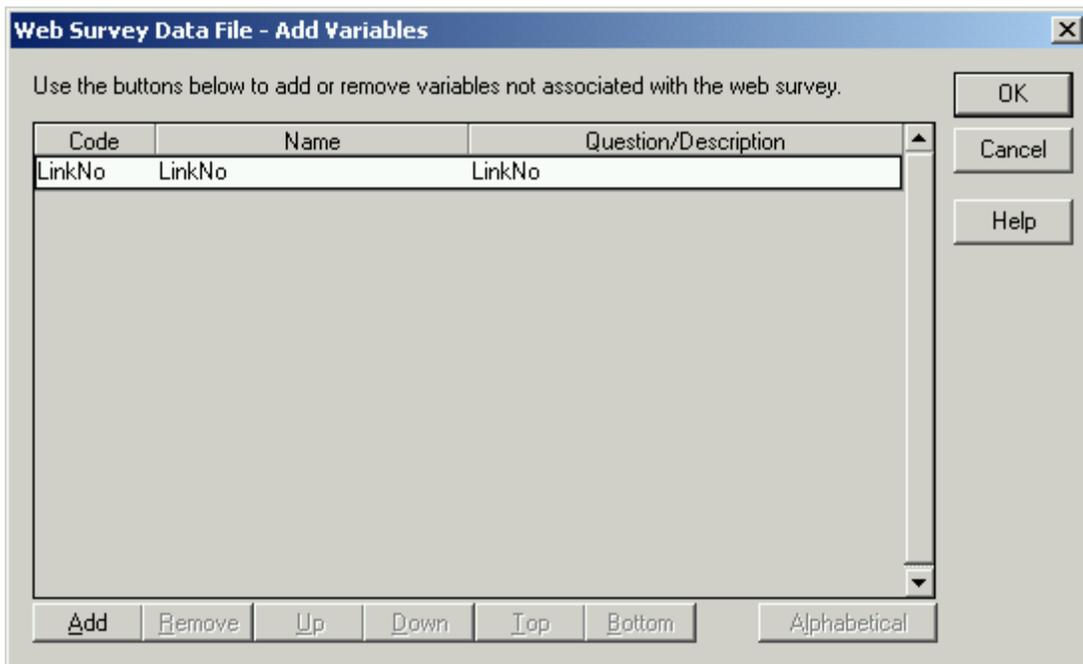


Figure 19: The *Web Survey Data File - Add Variables* dialog box

Step 27

Click on the *Add* button at the bottom left corner of the dialog box.

Survey Crafter Professional displays the *Select Imported Variable* dialog box.

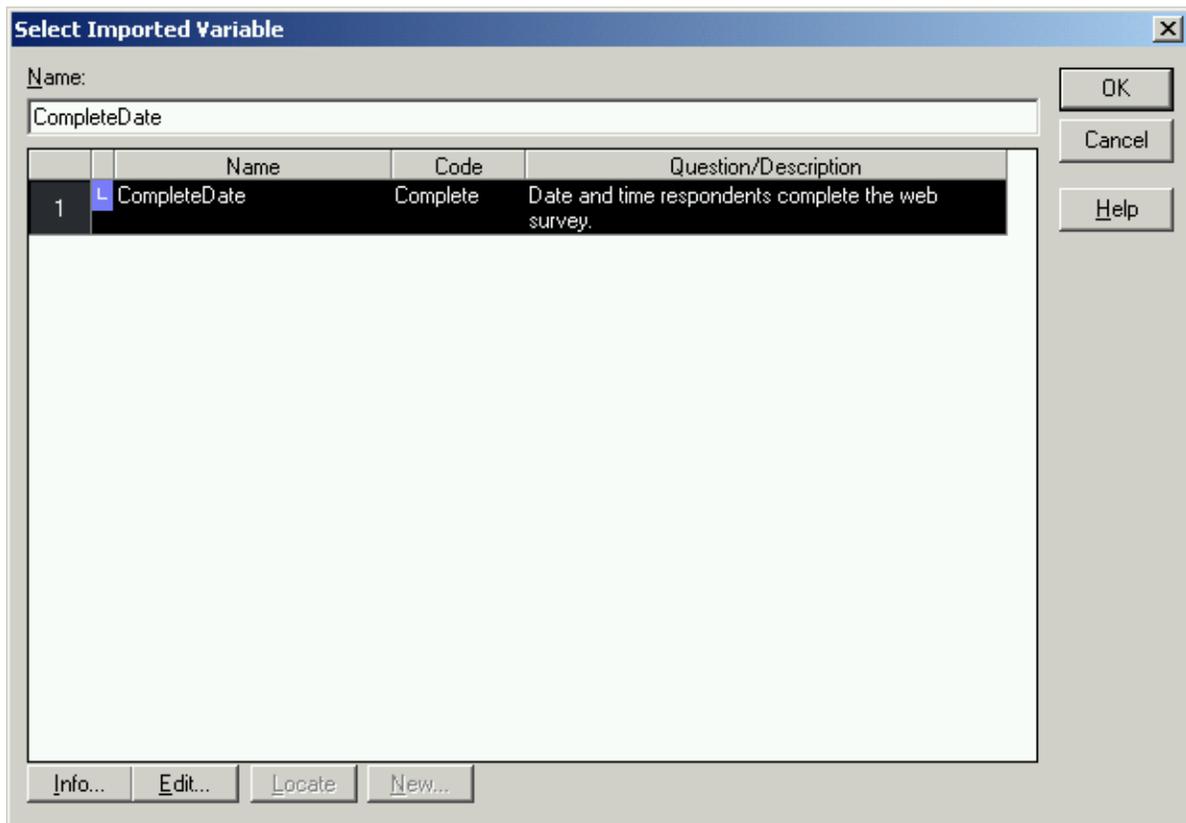


Figure 20: The *Select Imported Variable* dialog box

Step 28

Click on one of the variables you created in steps 4-21 and then click on the OK button.

Survey Crafter Professional displays the selected variable in the *Web Survey Data File - Add Variables* dialog box.

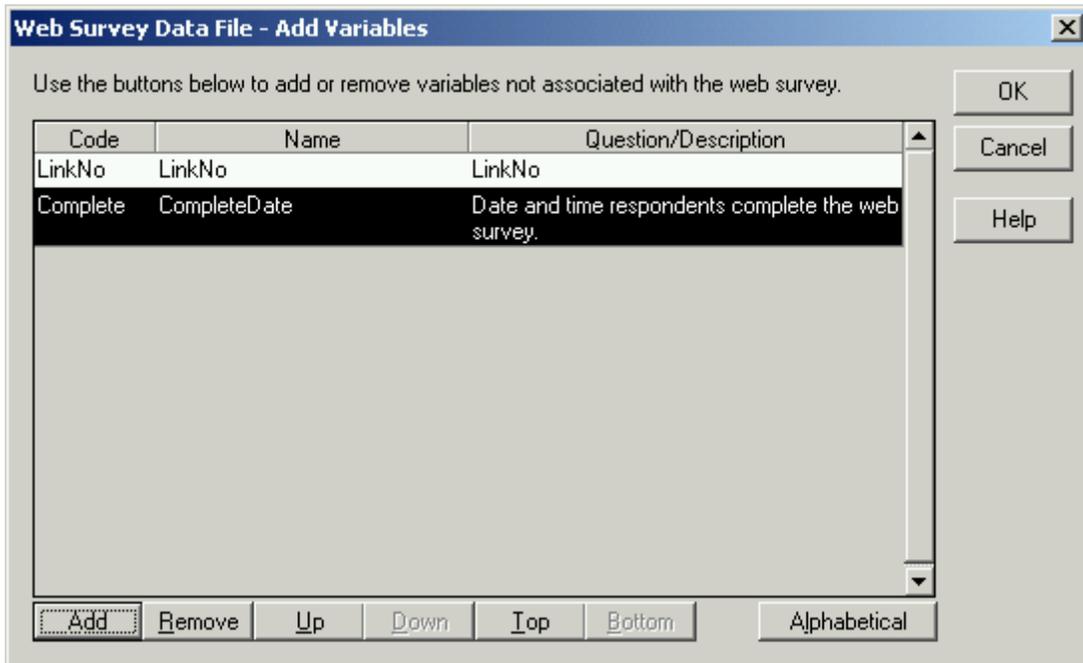


Figure 21: The *Web Survey Data File - Add Variables* dialog box

If you make a mistake or decide to remove a variable, click on the variable and then click on the *Remove* button at the bottom of the dialog box.

Step 29

Repeat steps 27 and 28 until you have added all of the variables you created in steps 4 through 20.

Step 30

Click on the *OK* button on the *Web Survey Data File - Add Variables* dialog box.

The variable(s) you created in steps 4 through 20 will be included in your web survey's data file the next time you publish your web survey.

Step 31

Click on the *Finish* button on the *Web Survey Setup* dialog box.

Step 32

Choose *Save* from Survey Crafter Professional's *File* menu to save your study file.

Step 33

Specify other setup options for your web survey. When you are ready, publish and post your web survey on your website.

For information about setup options for your web survey as well as instructions for publishing your web survey, read the online book [*Surveying on the Web*](#). You can access the

online book by choosing *Surveying on the Web* from Survey Crafter Professional's *Help* menu.