



Description: This document demonstrates how you can configure a report that uses a Web Service as a data source. This example uses the test Web Service that comes with ReportWorX.NET.

OS Requirements: The required operating system is Windows 2000/XP Professional Edition.

General Requirements:

To complete this example it is required for the computer to have access to the Internet.

Web Service Connection

On your MS Excel worksheet select a group of cells (3 rows by 7 columns), right click and select **Configure Group > Web Services**

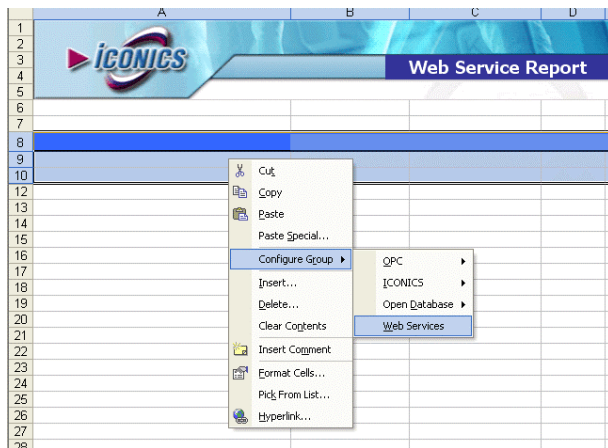


Fig. 1: Launch Web Service configuration

The Web Service configuration dialog will pop up: click on **Web Service Connection** to bring up the connection dialog.

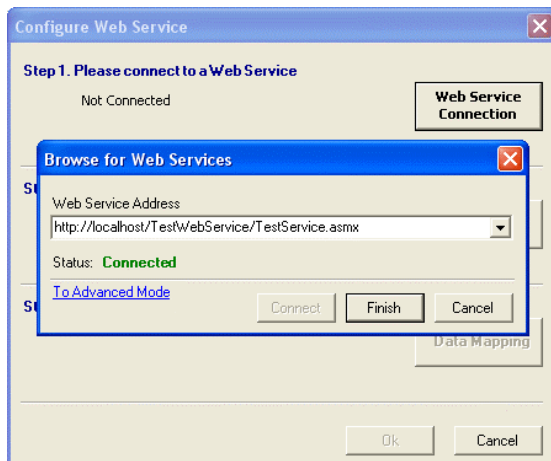


Fig. 2: Connect to a Web Service

The dialog is initialized with the address of ReportWorX.NET own Web Service, so just click on **Connect**. After a few seconds a connection to the Web Service will be established. Close the browsing window by clicking on **Finish**.

Web Method selection

Click on **Method Selection** to bring up the Web Method browsing interface and highlight the web method "amazon_searchMusic".

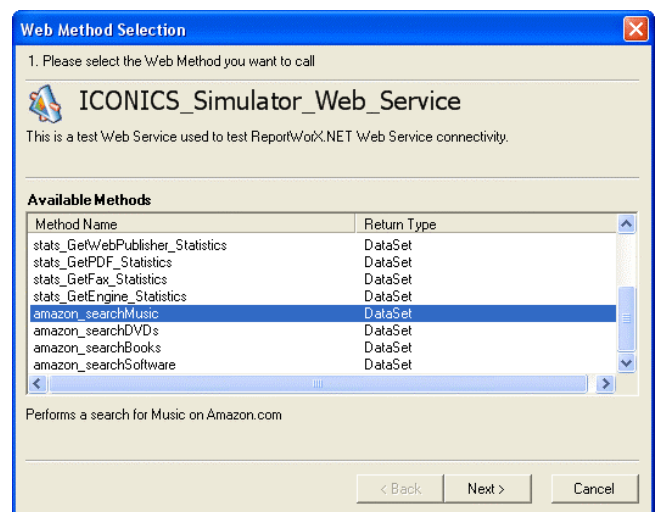


Fig. 3: Web Method selection

Click on **Next** to display all the input parameters for the given method. This method is used to perform a music search on Amazon.com, so enter your favorite artist (like "anastacia") into the **Value** field, then click **Finish** to end this step.

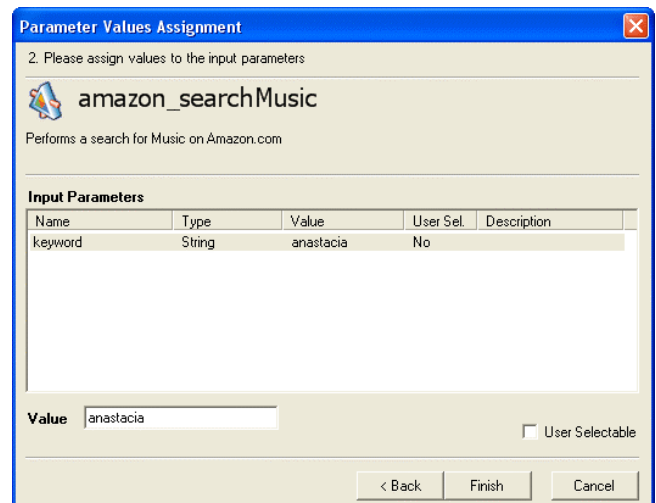


Fig. 4: Entering parameter values



Data Mapping

Once you've selected and configured the parameters for the Web Method, click on **Data Mapping** to choose how to bind the results of the Web Service to your MS Excel worksheet:

the columns returned from the Web Method call, in the same order in which they are returned.

To complete the configuration, select the radio button **Auto Expand**, check the **Reserve top row of cells as column headers** and then click **Finish**.

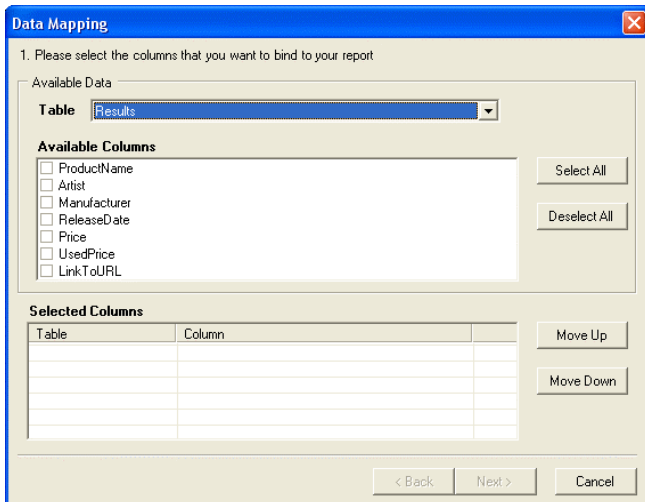


Fig. 5: Choose the Web Method results

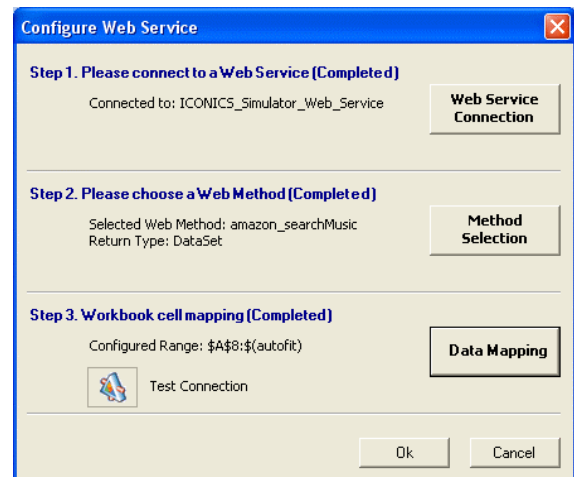


Fig. 7: Configuration complete

Click on **Select All** and then **Next** to go to the last step of the configuration.

Testing the Configuration

The configuration is now complete. It is possible to get a quick overview of the data returned by the Web Service by clicking on the **Test Connection** button. Once done with examining the results, click on **Ok** and the configuration of the worksheet will take place.

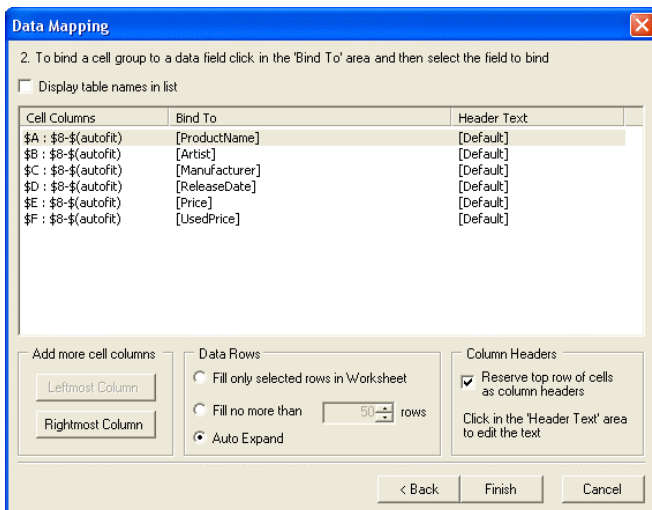


Fig. 6: Map results to MS Excel columns

The last step is where the actual results from the Web Method are bound to MS Excel columns. The result set is already pre-mapped by the dialog, which binds the worksheet columns to

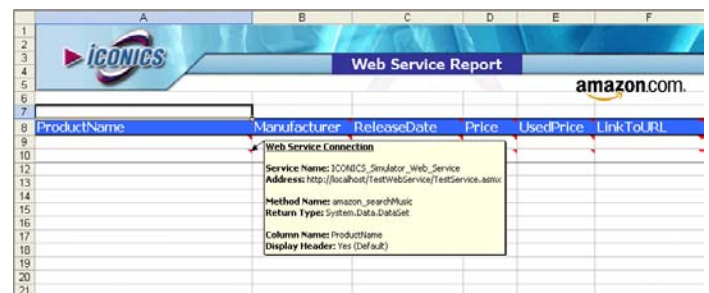


Fig. 8: Resulting MS Excel Worksheet

Now save the Workbook file and close MS Excel: you can run a Web Service report immediately by assigning this newly created template to one of your configured reports.