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Reading and Writing Column and Row Headers of a Table Control to a File

Primary Software:

Primary Software Version: 8.6

Primary Software Fixed Version: N/A

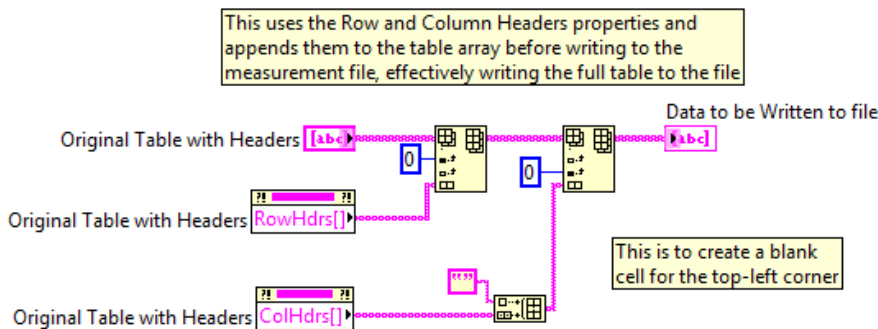
Secondary Software: N/A

Problem:

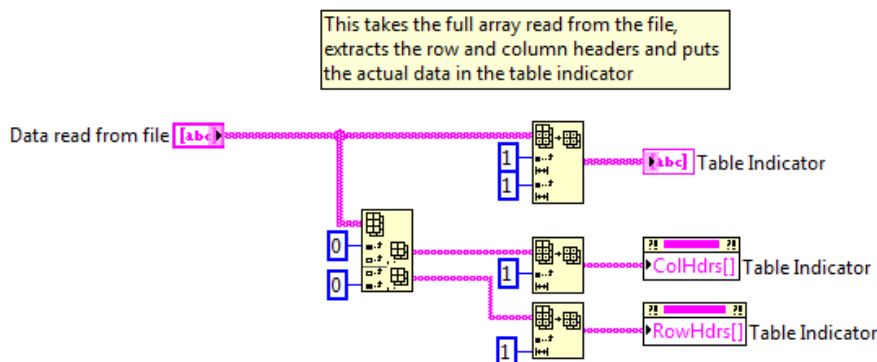
When I write a table control to a file the column/row headers are not included. How can I write these to file along with the data? Can I also read table headers from a data file into a LabVIEW table indicator?

Solution:

The column and row headers of a table control are properties and not actual data values. Writing a front panel table to a measurement file only writes the data, which leaves out the headers. This is expected behavior. If you want to include the headers in the written file, you will need to append them to the table data before writing to the file. To do so, use the **Row Header Strings[]** and **Column Header Strings[]** property nodes and insert them into the table's array.



Note that if you want to read from a file where the headers are included, you will need to effectively do the reverse operation: use the file's first row and column and write it to the **Row Header Strings[]** and **Column Header Strings[]** property nodes before deleting it from the array data.



Attached are example VIs that replicate the table and array modifications necessary for this expected behavior.

Related Links:

[Developer Zone Example: Write Table Row and Column Headers to a Measurement File](#)
[KnowledgeBase 2F4E3IFP: Publishing and Subscribing to and from a Table with DataSocket](#)
[LabVIEW Help: Using Tables](#)

Attachments:

[Write_Table_Headers_86.vi](#)
[Write_Table_Headers_2013.vi](#)
[Read_Table_Headers_86.vi](#)
[Read_Table_Headers_2013.vi](#)

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Document Quality?

12345

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