Multi-Join

Block Group:	Table Operations
Icon:	

The Multi-Join block returns a new table that joins the rows of two or more input tables on a specified single column. The resulting table includes all rows from the first table, plus rows from the subsequent tables that match values in the specified column. Unlike the Join block, you cannot specify the type of join to be performed - this block performs a left outer join that treats table 0 as the left-hand table.

For information on using dataflow blocks, see Dataflow. For answers to common questions about data flow tables, see Tables.

Input/Output Properties

The following properties of the Multi-Join block can take input and give output.

- column *(string)*
- table n *(table)*
- blackList n *(string)*

column specifies the column on which the join is performed. Every connected table must contain this column; otherwise the output is null.

table n specifies a table for the join operation.

blackList n specifies a comma-separated list of columns from **table n** to be omitted from the result table.

If several tables have a column with the same name, only the column from the first of those tables is included.

Output Property

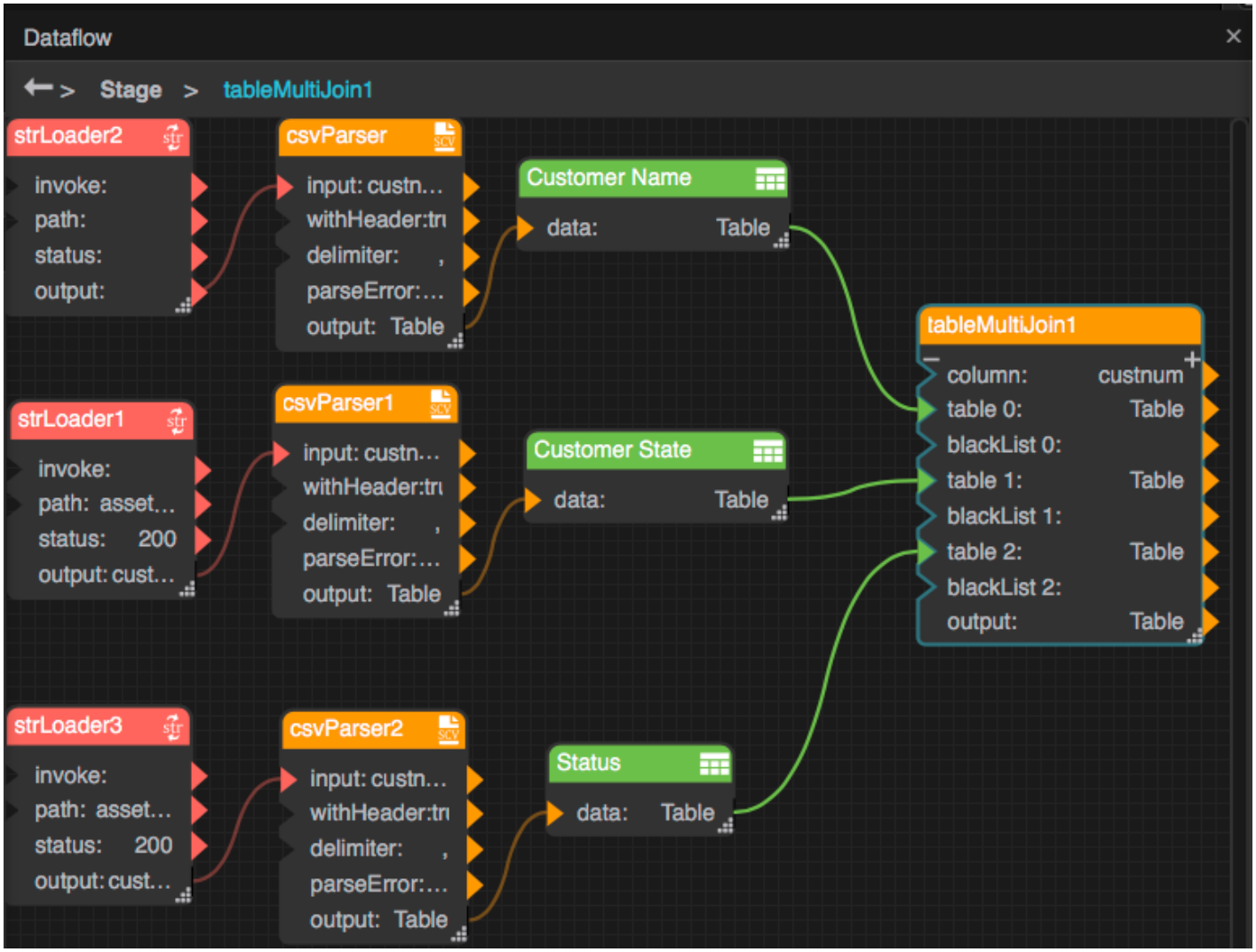
The following property of the Multi-Join block can give output but cannot take input.

- output *(table)*

output returns the joined table.

Example

The following image shows an example of the Multi-Join block. In this example, three tables are joined.



The output table contains rows for all customers in table 0, but not for any customer numbers that are present only in tables 1 and 2 and not in table 0.

row	custnum	custname	coststate	remarks
0	1	MyCo	MN	Paid in full
1	2	YourCo	CO	Late payment
2	3	TheirCo	AZ	Credit good
3	4	NewCo		
4	5	OldCo		

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