


CSV Parser

Block Group:	Table Operations
Icon:	

The CSV Parser block converts a CSV string into a table.

This is a commonly used block, because many data-driven features in DGLux5, such as charts and repeaters, require tabular data.

The CSV parser block is often used to parse a string that has been retrieved using a [String Loader block](#).

For information on using dataflow blocks, see [Dataflow](#).

For answers to some common questions about working with tables, see [Tables](#).

Video Tutorial: Import CSV File

More video tutorials are [here](#).

Input/Output Properties

The following properties of the CSV Parser block can take input and give output.

- *input (string)*
- *withHeader (boolean)*
- *delimiter (character)*

input receives the CSV string. It is often the output from a String Loader block.

withHeader specifies whether the CSV string includes a header row.

delimiter specifies the character that separates items in the CSV string. Typically this character is a comma (,).

Output Properties

The following properties of the CSV Parser block can give output but cannot take input.

- `parseError` (*boolean*)
- `output` (*table*)

parseError indicates whether the block encountered an error. An error might be caused by improperly formatted input.

output returns a table parsed from the CSV data.

Example

The following image shows, clockwise from top left:

- A [String Loader](#) block
- A CSV Parser block
- The output table of the CSV Parser block
- The CSV file

The screenshot shows the Dataflow interface with a CSV Parser block highlighted. The block's properties are as follows:

- `input`: ID,date,value1,2-Jan-04,j,2-Jan-15,...
- `withHeader`: true
- `delimiter`: ,
- `parseError`: false
- `output`: Table

The output table is displayed below the block:

row	ID	date	value
0	1	2-Jan-04	j
1	1	2-Jan-15	j
2	1	3-Jan-15	j
3	1	4-Jan-15	j
4	1	5-Jan-15	i

[Previous: Table Operations](#)

[Next: CSV Writer](#)

From:
<https://wiki.dglogik.com/> - **DGLogik**

Permanent link:
https://wiki.dglogik.com/dglux5_wiki:dataflow:dataflow_blocks_reference:table_operations:csv_parser

Last update: **2021/09/20 15:03**

