

Title

tbl — creates a dynamic table in **HTML**, **LaTeX**, or **Markdown**. It can also align each column left, center, or right, and also create multiple-columns for hierarchical tables. This command is part of the **tbl** package, but it also supports the **MarkDoc** package. For using the command in **MarkDoc**, see [documentation on GitHub wiki](#)

Syntax

Creates dynamic table in HTML/Markdown

```
tbl (*[,*...] [\ *[,*...] [\ [...]]]) [, title(str) width(int) height(int) l
```

where the * represents a *display directive* which is

```
"double-quoted string"
~"compound double-quoted string"
[%fmt] [=]exp
,
{l}
{c}
{r}
{col #}
```

Display directives

The supported *display directives* are:

"double-quoted string"	displays the string without the quotes
~"compound double-quoted string"	display the string without the outer quotes; a
[% <i>fmt</i>] [=] exp	allows results to be formatted; see [U] 12.5 Formatting results
,	separates the directives of each column of the
{ <i>l</i> }	if placed before any of the directives mentioned above, creates a left-aligned column.
{ <i>c</i> }	creates a center-aligned column.
{ <i>r</i> }	creates a right-aligned column.
{col #}	if placed before any of the directives mentioned above, create a multi-column by merging # number of

Description

tbl is a command in Weaver package that creates a dynamic table in HTML or LaTeX language used in Weaver log. If Weaver HTML is in use, **tbl** will be able to integrate as well as Weaver mathematical notations. In other words, Weaver Markups and Weaver can be used as a display directives within the **tbl** command to alter other directives and formulas. Advanced users can also use HTML code to alter the table.

If LaTeX markup is used for creating the Weaver log, then **tbl** command creates a Weaver Markup nor Weaver mathematical notations are not supporting LaTeX. Instead can be used for writing mathematical notations or altering the table.

Remarks

Note that the **tbl** command parses the rows using the backslash symbol. Therefore, a dynamic table that begin with a backslash such as `\beta` or `95\%`, double backslashes conflict with the parsing syntax (e.g. `\\beta` and `95\\%`)

Examples

creating a simple 2x3 table with string and numbers

```
. tbl ("Column 1", "Column 2", "Column 3" \ 10, 100, 1000 )
```

creating a table that includes scalars and aligns the columns to left, center, and right

```
. tbl ({l}"Left", {c}"Centered", {r}"Right" \ c(os), c(machine_type), c(use)
```

write mathematical notations

```
. tbl ("\( \\beta \)", "\( \\epsilon \)" \ "\( \\sum \)", "\( \\prod \)")
```

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Weaver Homepage

Package Updates on Twitter

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