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Table Editing

In MagicPlot Tables are used to store numeric or text data depending on column type (numeric/text).

Data Types

MagicPlot supports these data types in Tables:

| Format | Description |
|---------|---|
| Numeric | 64-bit double precision floating-point numbers (IEEE 754) |
| Text | Unicode string with unlimited length |

- Data type is set for entire columns. One column may not contain data with different types.
- Empty cells are equivalent to [Not-a-Number](#) values.
- Values from text columns are treated as empty cells if used as numbers.

Changing Column Type

Use `Set Column Type` menu in column context menu to change column type (numeric/text).

Columns Numbers

Columns are enumerated starting with 1. The first 26 columns are additionally denoted with Latin letters: A, B, C, ... Y, Z, 27, 28, 29, You can use either numbers or letters, addressing cells and columns in formulas.

Renaming Columns

Double click on column header to rename table column. You can also use `Rename Column` context menu item or press F4.

Moving (Reordering) Columns

Hold `Alt` key (`Option` on Mac, `Meta/Win` on Unix-like) and drag column header to rearrange table columns. If `Alt` key is not pressed, mouse dragging on header will select the columns.

Editing Table

You can edit table cell by double clicking on it. You can enter either a number or an expression using [Expression Syntax](#).

Fit Column Widths

To fit the width of one column, double click on right separator line in table header. To fit several columns widths, select multiple columns and double click on one of column separators in table header.

See Also

- [Setting Column Formula](#)
- [Expression Syntax](#)
- [Table Sorting](#)
- [Missing Values \(NaN\) in Tables and Calculations](#)

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