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Importing Table from Text File (ASCII) 1

Importing Table from Text File (ASCII)

Use **Project** → **Import Text Table** menu item to import table(s) from text file(s), also referred to as ASCII file(s).

You may select multiple files in opened standard file dialog by holding **Ctrl** or **Shift**.

- If you open multiple files, you can select the file to preview in files drop-down list (in **Text Input Preview** frame)
- If you select incorrect file(s) by mistake, click on **Open** icon to open file dialog once again and select other file(s).
- You can set **Create Figure** or **Create Fit Plot** checkbox to create Figure of Fit Plot after importing:
 - If you select **Figure**, the created Figure will contain all imported data from all files
 - If you select **Fit Plot**, one Fit Plot will be created for each imported file
- You can enlarge a part of the preview plot by selecting an area by mouse (scale box zoom tool). Use context menu of the plot to change scale zoom to default.
- **F5** key reloads the text file or reloads the data from clipboard.

Import Text Table(s)
✕

Text Input Preview (first 256 lines, → = tab)

Results.txt

| | |
|----|-----------------------------------|
| 1 | X→Y |
| 2 | 1.9999999999999996→-0.08690813552 |
| 3 | 1.9179999999999997→0.065942762132 |
| 4 | 1.8359999999999994→0.418821700293 |
| 5 | 1.7539999999999996→0.696159300951 |
| 6 | 1.6719999999999997→0.879945912393 |
| 7 | 1.5899999999999994→1.105575308704 |
| 8 | 1.5079999999999996→1.364499758103 |
| 9 | 1.4259999999999997→1.376226395779 |
| 10 | 1.3439999999999999→1.486336934085 |
| 11 | 1.262→1.6389291444641938 |

File Format

Encoding: <System default>

Read all lines Auto detect

Exclude header lines: 3

Get column names from line: 1

Separate names by: Delimiter Column width

Column delimiter or reg. expr.: Auto detect

Decimal separator: Auto detect (.,,)

In Project

Create: Figure Fit Plot(s) Line

X: AX Y: BY Y Err: <None>

Preview (you can rename columns here)

| | AX | BY |
|----|-------|---------|
| 1 | 2 | -0.0869 |
| 2 | 1.918 | 0.0659 |
| 3 | 1.836 | 0.4188 |
| 4 | 1.754 | 0.6962 |
| 5 | 1.672 | 0.8799 |
| 6 | 1.59 | 1.1056 |
| 7 | 1.508 | 1.3645 |
| 8 | 1.426 | 1.3762 |
| 9 | 1.344 | 1.4863 |
| 10 | 1.262 | 1.6389 |
| 11 | 1.18 | 1.4699 |

Columns: 2; rows: 50

From:
<https://magicplot.com/wiki/> - **MagicPlot Manual**

Permanent link:
<https://magicplot.com/wiki/import?rev=1370263235>

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