

Table Transformer

Table Transformer is one of the macros bundled in the Table Filter, Charts & Spreadsheets for Confluence app. The macro allows you to merge and transform all kinds of tables using both automatic presets and advanced SQL queries.

- [Sample table #1 - Merge tables preset](#)
- [Sample table #2 - Lookup tables preset](#)
- [Sample table #3 - Custom transformation](#)

Sample table #1 - Merge tables preset

Two tables with the same set of columns are merged using the **Merge tables** preset.

Switch to the page editor and explore the Table Transformer macro configuration.

Employee	Age	Experience, years	Position
Andy Miller	25	3	Middle front-end developer
Ashley Stone	23	1.2	Junior front-end developer
Jennifer Johnson	24	3.5	Middle front-end developer
Oliver Black	27	4	Middle front-end developer
Peter Jacobs	24	1.5	Junior front-end developer
Thomas Powell	30	6	Senior front-end developer

Sample table #2 - Lookup tables preset

Two tables with one common column are merged using the **Lookup tables** preset.

Switch to the page editor and explore the Table Transformer macro configuration.

Name	Age	Experience, years	Position	JavaScript	Java	Python	Certification
Andy Miller	25	3	Middle front-end developer	★	★	★	CERTIFIED
Ashley Stone	23	1.2	Junior front-end developer	★	★	★	UNCERTIFIED
Jennifer Johnson	24	3.5	Middle front-end developer	★	★	★	CERTIFIED
Oliver Black	27	4	Middle front-end developer	★	★	★	CERTIFIED
Peter Jacobs	24	1.5	Junior front-end developer	★	★	★	UNCERTIFIED
Thomas Powell	30	6	Senior front-end developer	★	★	★	UNCERTIFIED

Sample table #3 - Custom transformation

In the **SQL query** tab you can add any custom query to **perform complex calculations and any kind of table transformation**.

You can find a list of all the available SQL functions [here](#) and more examples of custom transformation [here](#).

In this example, we use the following query to calculate and add the Priority column based on some conditions:

```
SELECT *,
CASE WHEN 'Subtotal' < 1000 THEN "LOW"
WHEN 'Subtotal' >= 1000 AND 'Subtotal' < 2000 THEN "MEDIUM"
ELSE "HIGH" END
AS 'Priority'
FROM T1
```

Switch to the page editor and explore the Table Transformer macro configuration.

Order date	Store	Items	Subtotal	Priority
6/30/2021	Store #3	Date stamp	\$1040.00	MEDIUM
6/29/2021	Store #1	Date stamp	\$784.00	LOW
6/28/2021	Store #2	Plastic folder with visiting card holding sheet	\$2,619.00	HIGH

6/27/2021	Store #3	ID card holder	\$3,128.00	HIGH
6/26/2021	Store #3	Letter opener	\$3,792.00	HIGH
6/25/2021	Store #2	Notice board size 3x2fit & 5x3fit	\$320.00	LOW
6/24/2021	Store #3	Scissors (big)	\$78.00	LOW
6/24/2021	Store #2	File separator A-4 size	\$2,254.00	HIGH
6/23/2021	Store #2	Stapler 10-D	\$1,472.00	MEDIUM
6/22/2021	Store #2	Acknowledgement book	\$3,520.00	HIGH
6/21/2021	Store #3	File separator A-4 size	\$3,441.00	HIGH
6/20/2021	Store #1	A4 size plastic file	\$3,762.00	HIGH
6/19/2021	Store #2	A4 size plastic file	\$3,526.00	HIGH
6/18/2021	Store #2	Date stamp	\$3,078.00	HIGH
6/17/2021	Store #1	Gel pen	\$3,268.00	HIGH
6/16/2021	Store #3	Magnetic white board duster	\$1,035.00	MEDIUM
6/15/2021	Store #2	Desk calculator	\$2,964.00	HIGH
6/14/2021	Store #1	Letter opener	\$3,045.00	HIGH
6/13/2021	Store #2	Magnetic white board duster	\$1,581.00	MEDIUM
6/12/2021	Store #3	Visiting card holder	\$874.00	LOW
6/11/2021	Store #2	Printing of envelope A-4 size brown	\$182.00	LOW
6/11/2021	Store #1	Office tray (in & out)	\$5,000.00	HIGH
6/10/2021	Store #3	Brown paper sheet	\$2,976.00	HIGH
6/9/2021	Store #1	Bubble sheet	\$3,589.00	HIGH
6/8/2021	Store #2	Cello tape 1"	\$2,160.00	HIGH
6/7/2021	Store #3	Non dust chalk	\$3,772.00	HIGH
6/6/2021	Store #1	Eraser	\$1,176.00	MEDIUM
6/5/2021	Store #1	Key ring	\$495.00	LOW
6/5/2021	Store #2	Highlighter (yellow,green,orange)	\$2,726.00	HIGH
6/4/2021	Store #1	Brown paper sheet	\$280.00	LOW
6/3/2021	Store #1	Cello tape 1"	\$980.00	LOW
6/3/2021	Store #2	Scissors (big)	\$2,278.00	HIGH
6/2/2021	Store #3	Tape dispenser	\$264.00	LOW
6/2/2021	Store #3	Printing of invitation cards	\$561.00	LOW
6/2/2021	Store #1	Post it 2 x 3	\$600.00	LOW
6/2/2021	Store #2	A4 size writing pad spiral	\$624.00	LOW
6/2/2021	Store #3	Plastic folder A4 size-	\$1,740.00	MEDIUM
6/2/2021	Store #3	Sticker Sign here	\$4,150.00	HIGH
6/1/2021	Store #1	Paper cutter stand	\$1,825.00	MEDIUM