`tbl.typ`: a `tbl(1)`-like preprocessor for Typst and `tablex.typ`

Version TK

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Examples

```tbl
lz  s | rt
lt| cb| ^
^ | rz  s.
left||r
l|center|
|right
```

left		r
l	**center**	
		right

```tbl
c c c
l l ne .
Fact|Location|Statistic
Largest state|Alaska|591,004 sq. mi.
Smallest state|Rhode Island|1,212 sq. mi.
Longest river|Mississippi-Missouri|3,710 mi.
Highest mountain|Mount McKinley, AK|20,320 ft.
Lowest point|Death Valley, CA|-- 282 ft.
```

Fact	Location	Statistic
Largest state	Alaska	591,004 sq. mi.
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Lowest point	Death Valley, CA	– 282 ft.

```tbl
r| l
r  n.
software|version
_
AFL|2.39b
Mutt|1.8.0
Ruby|1.8.7.374
TeX Live|2015
```

software	version
AFL	2.39b
Mutt	1.8.0
Ruby	1.8.7.374
TeX Live	2015

````
```tbl
cf(Courier New) s s s
c | cs s
c | cs s
c |c|c|c
c |c|c|c
l |n |ne |ne.
Composition of Foods
_
Food|Percent by Weight
\^|_
\^|Protein|Fat|Carbo-
\^|\^|\^|hydrate
_
Apples|.4|.5|13.0
Halibut|18.4|5.2|...
Lima beans|7.5|.8|22.0
Milk|3.3|4.0|5.0
Mushrooms|3.5|.4|6.0
Rye bread|9.0|.6|52.7
```
````

Composition of Foods

Food	Percent by Weight		
	Protein	Fat	Carbo-hydrate
Apples	.4	.5	13.0
Halibut	18.4	5.2	…
Lima beans	7.5	.8	22.0
Milk	3.3	4.0	5.0
Mushrooms	3.5	.4	6.0
Rye bread	9.0	.6	52.7

````
```tbl
c s s
c | c | c
l | l | ne .
Major New York Bridges
_
Bridge|Designer|Length
_
Brooklyn|J . A . Roebling|1595
Manhattan|G . Lindenthal|1470
Williamsburg|L . L . Buck|1600
_
Queensborough|Palmer &|1182
|Hornbostel
_
||1380
Triborough|O . H . Ammann|_
||383
_
Bronx Whitestone|O . H . Ammann|2300
Throgs Neck|O . H . Ammann|1800
_
George Washington|O . H . Ammann|3500
```
````

Major New York Bridges		
Bridge	Designer	Length
Brooklyn	J . A . Roebling	1595
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		383
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Throgs Neck	O . H . Ammann	1800
George Washington	O . H . Ammann	3500

````
```tbl
rb c  lb
r  ci l.
r|center|l
ri|ce|le
right|c|left
```
````

r	center	**l**
ri	*ce*	le
right	*c*	left

````
```tbl
Cf(BI) Cf(BI) Cf(B), C C Cu.
n|n*#sym.times;*n|difference
1|1
2|4|3
3|9|5
4|16|7
5|25|9
6|36|11
```
````

n	***n×n***	**difference**
1	1	3
2	4	5
3	9	7
4	16	9
5	25	11
6	36	

```tbl
c c
np(-2) | n | .
|Stack
|_
1|46
|_
2|23
|_
3|15
|_
4|6.5
|_
5|2.1
|_
```

	Stack
1	46
2	23
3	15
4	6.5
5	2.1

```tbl
n.
13
4.2
26.4.12
26.4. 12
26.4 .12
abc
abc\&
43\&3.22
749.12
```

13
4.2
26.4.12
26.4. 12
26.4 .12
abc
abc
433.22
749.12

```tbl
c s s
c c c
n n ne .
AT&T Common Stock
Year|Price|Dividend
1984|15-20|\$1.20
5|19-25|1.20
6|21-28|1.20
7|20-36|1.20
8|24-30|1.20
9|29-37|.30\*
```

AT&T Common Stock		
Year	Price	Dividend
1984	15-20	$1.20
5	19-25	1.20
6	21-28	1.20
7	20-36	1.20
8	24-30	1.20
9	29-37	.30*

```tbl
cb cb
c  c.
Grade|Points
A|510
B|450
C|390
D|330
```

Grade	Points
A	510
B	450
C	390
D	330

```tbl
cf(I) s s
c cw(1in) cw(1in)
ltp(9) ltp(9) ltp(9).
New York Area Rocks
Era|Formation|Age (years)
Precambrian|Reading Prong|>1 billion
Paleozoic|Manhattan Prong|400 million
Mesozoic|T{
#set text(hyphenate: true, overhang: true)
Newark Basin, incl.
Stockton, Lockatong, and Brunswick
formations; also Watchungs
and Palisades.
T}|200 million
Cenozoic|Coastal Plain|T{
#set text(hyphenate: true, overhang: true)
#set par(justify: true)
On Long Island 30,000 years;
Cretaceous sediments redeposited
by recent glaciation.
T}
```

New York Area Rocks		
Era	Formation	Age (years)
Precambrian	Reading Prong	>1 billion
Paleozoic	Manhattan Prong	400 million
Mesozoic	Newark Basin, incl. Stockton, Lockatong, and Brunswick formations; also Watchungs and Palisades.	200 million
Cenozoic	Coastal Plain	On Long Island 30,000 years; Cretaceous sediments redeposited by recent glaciation.

```tbl
le le7| lw(10).
The fourth line|_|line 1
of this column|=|line 2
determines|\_|line 3
the column width.|T{
#set text(hyphenate: true, overhang: true)
This text is too wide to fit into a column of
width 17.
T}|line 4
T{
No break here.
T}||line 5
```

The fourth line	
of this column	
determines	
the column width.	This text is too wide to fit int umn of width 17.
No break here.	

```tbl
cb s s s s
cp(-2) s s s s
c | c | c | c | c
c | c | c | c | c
r2 | n2 | n2 | n2e | nbe.
Readability of Text
Line Width and Leading for 10-Point Type
_
Line : Set : 1-Point : 2-Point : 4-Point
Width : Solid : Leading : Leading : Leading
_
9 Pica : 93 : --6.0 : --5.3 : --7.1
14 Pica : 450 : --0.6 : --0.3 : --1.7
19 Pica : 5 : --5.1 : 0.0 : --2.0
31 Pica : 3 : --3.8 : --2.4 : --3.6
43 Pica : 5.1 : --90000.000 : --5.9 : --8.8
```

Readability of Text

Line Width and Leading for 10-Point Type

Line Width	Set Solid	1-Point Leading	2-Point Leading	4-Point Leading
9 Pica	93	–6.0	–5.3	**–7.1**
14 Pica	450	–0.6	–0.3	**–1.7**
19 Pica	5	–5.1	0.0	**–2.0**
31 Pica	3	–3.8	–2.4	**–3.6**
43 Pica	5.1	–90000.000	–5.9	**–8.8**