**Test**test
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a	b	xyz		
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a         d         37         38           a         d         39         40         40           a         d         41         41         42         42         42         44         42         44         44         44         44         44         44         44         44         45         46         47         48         47         48         48         49         48         49         48         49         48         49         49         49         49         49         40	а	d	35
a         d         39           a         d         40         40           a         d         41         42           a         d         43         42           a         d         43         44           a         d         45         46           a         d         47         48           a         d         49         48           a         d         49         50           a         d         51         50           a         d         53         54           a         d         55         54           a         d         55         56           a         d         57         58           a         d         60         60           a         d         61         62           a         d         63         64           a         d         65         64           a         d         66         66           a         d         66         66           a         d         67         68           a	<del>                                     </del>		
a         d         39           a         d         40           a         d         41           a         d         42           a         d         43           a         d         44           a         d         45           a         d         47           a         d         47           a         d         49           a         d         50           a         d         51           a         d         51           a         d         52           a         d         53           a         d         55           a         d         55           a         d         57           a         d         59           a         d         60           a         d         60           a         d         62           a         d         65           a         d         66           a         d         66           a         d         66           a         d<	a		
a         d         40           a         d         41           a         d         42           a         d         43           a         d         44           a         d         45           a         d         46           a         d         47           a         d         49           a         d         50           a         d         51           a         d         52           a         d         53           a         d         55           a         d         55           a         d         56           a         d         57           a         d         57           a         d         60           a         d         60           a         d         60           a         d         63           a         d         65           a         d         66           a         d         66           a         d         66           a         d<	a		
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a         d         42           a         d         43           a         d         44           a         d         45           a         d         47           a         d         48           a         d         49           a         d         50           a         d         51           a         d         53           a         d         53           a         d         55           a         d         55           a         d         57           a         d         59           a         d         60           a         d         61           a         d         63           a         d         64           a         d         66           a         d         66           a         d         66           a         d         69           a         d         69           a         d         69           a         d         69           a         d<	a		40
a         d         43           a         d         44           a         d         45           a         d         46           a         d         47           a         d         48           a         d         49           a         d         50           a         d         51           a         d         53           a         d         53           a         d         55           a         d         55           a         d         57           a         d         59           a         d         60           a         d         61           a         d         63           a         d         64           a         d         65           a         d         66           a         d         67           a         d<	a		41
a         d         44           a         d         45           a         d         46           a         d         47           a         d         48           a         d         49           a         d         50           a         d         51           a         d         52           a         d         53           a         d         55           a         d         55           a         d         57           a         d         59           a         d         60           a         d         62           a         d         63           a         d         65           a         d         66           a         d         66           a         d         66           a         d         66           a         d         69           a         d         69           a         d         69           a         d         69           a         d<	a	d	42
a         d         45           a         d         46           a         d         47           a         d         48           a         d         49           a         d         50           a         d         51           a         d         52           a         d         53           a         d         55           a         d         55           a         d         57           a         d         59           a         d         60           a         d         62           a         d         63           a         d         65           a         d         65           a         d         66           a         d         67           a         d         69           a         d         70           a         d         70	a	d	43
a         d         46           a         d         47           a         d         48           a         d         49           a         d         50           a         d         51           a         d         52           a         d         53           a         d         55           a         d         55           a         d         57           a         d         59           a         d         60           a         d         61           a         d         63           a         d         65           a         d         66           a         d         66           a         d         67           a         d         69           a         d         69           a         d         70           a         d         71	a		44
a         d         47           a         d         48           a         d         49           a         d         50           a         d         51           a         d         52           a         d         53           a         d         53           a         d         55           a         d         55           a         d         57           a         d         59           a         d         60           a         d         61           a         d         62           a         d         63           a         d         65           a         d         65           a         d         66           a         d         67           a         d         69           a         d         70           a         d         71	a		45
a       d       48         a       d       49         a       d       50         a       d       51         a       d       52         a       d       53         a       d       55         a       d       55         a       d       57         a       d       59         a       d       60         a       d       61         a       d       62         a       d       63         a       d       65         a       d       66         a       d       67         a       d       69         a       d       70         a       d       71	a	d	46
a       d       49         a       d       50         a       d       51         a       d       52         a       d       53         a       d       54         a       d       55         a       d       56         a       d       57         a       d       58         a       d       59         a       d       60         a       d       61         a       d       62         a       d       63         a       d       64         a       d       65         a       d       66         a       d       67         a       d       68         a       d       69         a       d       70         a       d       71	a	d	47
a       d       50         a       d       51         a       d       52         a       d       53         a       d       54         a       d       55         a       d       56         a       d       57         a       d       59         a       d       60         a       d       61         a       d       62         a       d       63         a       d       64         a       d       64         a       d       66         a       d       66         a       d       67         a       d       69         a       d       70         a       d       70	a	d	48
a       d       51         a       d       52         a       d       53         a       d       54         a       d       55         a       d       56         a       d       57         a       d       58         a       d       59         a       d       60         a       d       61         a       d       62         a       d       63         a       d       64         a       d       65         a       d       66         a       d       66         a       d       68         a       d       69         a       d       70         a       d       71	a	d	49
a       d       52         a       d       53         a       d       54         a       d       55         a       d       56         a       d       57         a       d       59         a       d       60         a       d       61         a       d       62         a       d       63         a       d       64         a       d       65         a       d       66         a       d       67         a       d       68         a       d       69         a       d       70         a       d       71	a	d	50
a       d       53         a       d       54         a       d       55         a       d       56         a       d       57         a       d       58         a       d       59         a       d       60         a       d       61         a       d       62         a       d       63         a       d       64         a       d       65         a       d       66         a       d       67         a       d       68         a       d       69         a       d       70         a       d       71	a	d	51
a       d       54         a       d       55         a       d       56         a       d       57         a       d       58         a       d       59         a       d       60         a       d       61         a       d       62         a       d       63         a       d       64         a       d       65         a       d       66         a       d       67         a       d       68         a       d       69         a       d       70         a       d       71	a	d	52
a       d       55         a       d       56         a       d       57         a       d       58         a       d       59         a       d       60         a       d       61         a       d       62         a       d       63         a       d       64         a       d       65         a       d       66         a       d       67         a       d       68         a       d       69         a       d       70         a       d       71	a	d	53
a     d     56       a     d     57       a     d     58       a     d     59       a     d     60       a     d     61       a     d     62       a     d     63       a     d     64       a     d     65       a     d     66       a     d     68       a     d     69       a     d     70       a     d     71	a	d	54
a       d       57         a       d       58         a       d       59         a       d       60         a       d       61         a       d       62         a       d       63         a       d       64         a       d       65         a       d       66         a       d       67         a       d       68         a       d       69         a       d       70         a       d       71	a	d	55
a     d     58       a     d     59       a     d     60       a     d     61       a     d     62       a     d     63       a     d     64       a     d     65       a     d     66       a     d     67       a     d     69       a     d     70       a     d     71	a	d	56
a     d     59       a     d     60       a     d     61       a     d     62       a     d     63       a     d     64       a     d     65       a     d     66       a     d     67       a     d     68       a     d     69       a     d     70       a     d     71	a	d	57
a       d       60         a       d       61         a       d       62         a       d       63         a       d       64         a       d       65         a       d       66         a       d       67         a       d       68         a       d       69         a       d       70         a       d       71	a	d	58
a     d     61       a     d     62       a     d     63       a     d     64       a     d     65       a     d     66       a     d     67       a     d     68       a     d     69       a     d     70       a     d     71	a	d	59
a       d       62         a       d       63         a       d       64         a       d       65         a       d       66         a       d       67         a       d       68         a       d       69         a       d       70         a       d       71	a	d	60
a     d     63       a     d     64       a     d     65       a     d     66       a     d     67       a     d     68       a     d     69       a     d     70       a     d     71	a	d	61
a     d     64       a     d     65       a     d     66       a     d     67       a     d     68       a     d     69       a     d     70       a     d     71	a	d	62
a       d       65         a       d       66         a       d       67         a       d       68         a       d       69         a       d       70         a       d       71	a	d	63
a     d     66       a     d     67       a     d     68       a     d     69       a     d     70       a     d     71	a	d	64
a     d     67       a     d     68       a     d     69       a     d     70       a     d     71	a	d	65
a     d     68       a     d     69       a     d     70       a     d     71	a	d	66
a     d     69       a     d     70       a     d     71	a	d	67
a     d     70       a     d     71	a	d	68
a d 71	a	d	69
	a	d	70
a d 72	a	d	71
"	a	d	72
a d 73	a	d	
a d 74	a	d	74

My		Headedr		
a	d	75		
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a	d	110		
a	d	111		
a	d	112		
a	d	113		

My		Н	leadedr
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a	d		115
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a	d		118
a	d		119
a	d		120
a	d		121
a	d		122
a	d		123
a	d		124
a	d		125
a	d		126
a	d		127
a	b		С

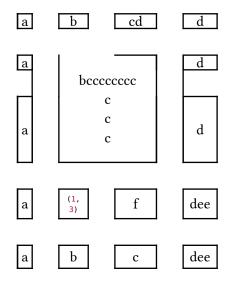
abcdef				с
abcdef	ee			с
aa	b	c	b	cdeecfeeeeeeeeeeeeeeerdteeettetteeefdxeeeeeddeeeetec

a	b	c	d
a	b		d
a			d
a	b	С	d

aadf00	badf01	cadf02	dadf03
aadf10	badf11		dadf13
aadf20			dadf23
aadf30	badf31	cadf32	deadf33

а	h	cd	d
La	bcco	ď	
a	c		d
	c		
	c		
a	(1, 3)	f	dee
a	b	c	dee

S



## Examples from the docs

Username	Data	C	
Osername	Location	Height	Score
John	Second St.	180 cm	5
Wally	Third Av.	160 cm	10
Jason	Some St.	150 cm	15
Robert	123 Av.	190 cm	20
Other	Unknown St.	170 cm	25

a b	С	d
e f	g g	h
i j	k	1

a		b
С	d	ed
f		g

$$\begin{array}{c|cccc} a & & b & J \\ \hline c & d & e & K \\ \hline f & & g & L \end{array}$$

a		b	J
c	d	e	K
f	,	g	L

a		b
c	d	ed
f		g

	a	beeee
c	d	e
f		g
hi	I'm	down here

а		b	J
Ro		Ro	Ro
С	dd	e	K
R1	R1	R1	R1
f		g	L
R2		R2	R2

a	Q	ą
ą		



Namas	Prope	rties	Cuantama
Names	Type	Size	Creators
Machine	Steel	$5~{ m cm}^3$	John p& Kate
Frog	Animal	$6~{ m cm}^3$	Robert
Frog	Animal	$6~\mathrm{cm}^3$	Robert
Frog	Animal	$6~{ m cm}^3$	Robert
Frog	Animal	$6  \mathrm{cm}^3$	Robert

 $6 \, \mathrm{cm}^3$ 

Robert

Animal

Frog

Names	Prope	rties	Creators
Names	Type	Size	Creators
Frog	Animal	$6~{ m cm}^3$	Robert
Frog	Animal	$6  \mathrm{cm}^3$	Rodbert

Auto page t	ests (infinite	dimensions):
-------------	----------------	--------------

a	b	c
d	e	f
g	h	i
f	j	e
		b
		c
		d

b	С
e	f
h	i
j	e
	b
	c
	d
	e h

b d

a d

a b

a b

a	b	c	d
a	b	c	d
a	b	c	d
a	Ъ	c	d

a	b	С	d
a	b	С	d
a	b	с	d
a	b	c	d

a		b						c	
a	a			b	b			c	
a		b		c		d		e	
f		ggggoprdeet			et	i		j	
		eeeeeee							
k						n		0	
p		q		r		S		t	

a	dfjasdfjdaskfjdsaklfj
a	height should be correct here
a	
a	
a	

This table should be contained within the page's width:

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere.

amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut postea variari voluptas distinguique possit, augeri amplificarique non possit. At etiam Athenis, ut e patre audiebam facete et urbane Stoicos irridente, statua est in quo a nobis philosophia defensa et collaudata est, cum id, quod maxime placeat, facere possimus, omnis voluptas assumenda est, omnis dolor repellendus. Temporibus autem quibusdam et.

Lorem ipsum dolor sit

Accept array of column alignments:

a	b	d	e	f
cccc		esdfsd	ffeff	
	cccfdd		erfad	adspfp

Empty array inherits from outside:

a	b	d	e	f
cccc	cccfdd	esdfsd	ffeff	adspfp
			erfad	

Accept array for fill:

a	b	c	d	e
dddd	eeee	ffff	ggggg	hhhhhh

Empty fill array is no-op:

a	b	c	d	e
dddd	eeee	ffff	ggggg	hhhhhh

Align and fill function tests:

a b	b	С	d	e
dddd eapdsfp	eeee eapdlf	ffff	ggggg	hhhhhh

Test division by zero bug:

Name	Entität	Eigenschaft
GammaTaurus	ThisIsASuperlongS which is similar important as Supercalifragilistic	

Test superfluous row bug:

a		
	a	

Test gutter restrict top:

Test gutter restrict without gutter:

a	b	c
e	f	g
d	e	f

Test gutter split between pages:

a	b	c
a	b	с
a	b	с
a	b	с
a	b	с
a	b	c
a	b	c

a	b	c
a	b	с

Small gutter test:

a	b	с	d
a	b	С	d
a	b	С	d
a	b	С	d

Test fractional columns in an auto-sized block:

a	b	с
d	e	f
g	h	i

#### Using the examples from issue #44:

1.

1A. table

1B. tablex

2.

2A. table plain block

2B. tablex plain block

3.

3A. table breakable: true

3B. tablex breakable: true

4.

4A. table breakable: false

4B. tablex breakable: false

## Nested tables from issue #41:

• Triple-nested tables.

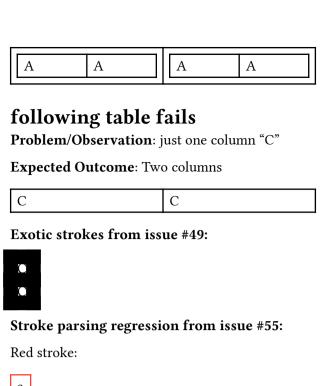
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

• Quadruple-nested tables.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

Nested tables from issue #28:

## table inside a table



a

Thick stroke with a decimal point:



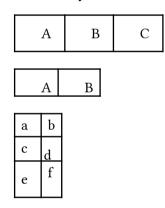
Combining em and pt:



Combining em and pt (with a stroke object):



#### Dictionary insets from issue #54:



## RTL tables from issue #58:

• Simple

				_			
I	a	b	c	$\rightarrow$	С	b	a
I	d	e	f		f	e	d
İ	g	h	i		i	h	g

• Colspan, rowspan

				_			
I	a	d		$\rightarrow$	d		a
I	d	e	f		f	e	d
I	g	h				h	g

No vertical lines

a	d		$\rightarrow$	d		a
b	b	b		b	b	b
d	e	f		f	e	d
g	h				h	g

• Line customization

a	d		$\rightarrow$	d		a
b	b	b		b	b	b
d	e	f		f	e	d
g	h				h	g

Alignment and fill

aaaa	ddddd		$\rightarrow$	ddddd		aaaa
b	bdd	bd		bd	bdd	b
d	e	f		f	e	d
g	h				h	g

Map cells, map rows, map cols •

aaaa   HI   y = 0   x = 0	ddddd   HI   y = 0   x = 1		
b   HI   y = 1	bdd   HI   y = 1	bd   HI   y = 1	
x = 0	x = 1	x = 2	
d   HI   y = 2	e   HI   y = 2	f   HI   y = 2   x	
x = 0	x = 1	= 2	
g   HI   y = 3   x = 0	h   HI   y = 3   x = 1		

#### Lines in tables from issue #80

A B	A
	В
С	D
(width: 40pt, height: 0pt)	Е

## Length to pt conversion

## Line expansion - issue #74:

• Positive single-cell hlinex expansion

• Positive multi-cell hlinex expansion

• Negative single-cell hlinex expansion
<ul> <li>Negative multi-cell hlinex expansion</li> <li>-</li> <li></li></ul>
Positive single-cell vlinex expansion
Positive multi-cell vlinex expansion
Negative single-cell vlinex expansion
Negative multi-cell vlinex expansion

<u>-</u> <u>-</u> <u>-</u>

# Full-width rowspans displayed with the wrong height (Issue #105)

ONE			
TWO	THREE	FOUR	FIVE

a

а

b

## More overlapping rowspans (Issue #82)

Name	Не	Rack	Beschreibung
"mt01"	42	"WAT"	"Löschgasflasche"
"mt2"	41	"WAT"	test
"mt3"	40	"WAT"	test
"mt3"	40	"WAT"	test

# Extra rows should inherit the last row size (Issue #97)

0	1	2	3	4	
0	1	2	3	4	
0	1	2	3	4	
0	1	2	3	4	
0	1	2	3	4	
		0	1	2	
		0	1	2	
		0	1	2	
		0	1	2	
		0	1	2	
		0	1	2	
0	1	2	3	4	

		0	1	2	
		0	1	2	
		0	1	2	
		0	1	2	
0	1	2	3	4	
0	1	2	3	4	
0	1	2	3	4	
0	1	2	3	4	
0	1	2	3	4	
		0	1	2	
		0	1	2	
		0	1	2	
		0	1	2	
		0	1	2	
		0	1	2	

0	1	2	3	4	
0	1	2	3	4	
0	1	2	3	4	
0	1	2	3	4	
		0	1	2	
		0	1	2	
Ť		0	1	2	

			_
0	1	2	
0	1	2	
0	1	2	

## Overflowing cells (Issues #48 and #75)

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