

Table Construction

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1 Plain

x	x	x	x	Col	x	x	x	x
Row	Row	Row	Row	X-ing	Row	Row	Row	Row
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x

2 Cols

x	x	x	x	Col	x	x	x	x
Row	Row	Row	Row	X-ing	Row	Row	Row	Row
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x

3 Rows

x	x	x	x	Col	x	x	x	x
Row	Row	Row	Row	X-ing	Row	Row	Row	Row
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x

4 Grid

x	x	x	x	Col	x	x	x	x
Row	Row	Row	Row	X-ing	Row	Row	Row	Row
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x

5 Header

x	x	x	x	Col	x	x	x	x
Row	Row	Row	Row	X-ing	Row	Row	Row	Row
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x

6 Merge Cols (1)

x	x	x	x	x	x	x	x	x
x	x	x	x	x	Left border is static!	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	Left doesn't matter!	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	Both	x	x	x
x	x	x	x	x	x	x	x	x
First left border misses!			x	x	x	x	x	x
x	x	x	x	x	x	x	x	x
First left fixed!			x	x	x	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	Right fixed, too!	x	x	x
x	x	x	x	x	x	x	x	x

7 Merge Cols (2)

x	x	x	x	Single Cell	x	x	x	x
x	x	x	x	Merged Col Cell		x	x	x
x	x	x	x	Merged Col Cell			x	x
x	x	x	x	Merged Col Cell				x
x	x	x	x	Merged Col Cell				
x	x	x	x	x	x	x	x	x
x	x	x	x	No border	No border	No border	No border	No border
x	x	x	x	No border	No border	No border	No border	x
x	x	x	x	No border	No border	No border	x	x
x	x	x	x	No border	No border	x	x	x
x	x	x	x	No border	x	x	x	x
x	x	x	x	x	x	x	x	x

8 Merge Rows

x	x	x	x	x	x	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	x	x	x	x
x	x	x	x	x	x	x	x	x

9 Merge Cells: Multirow

Uses package multirow!

x	x	Beware of hline	x	x
x	x		x	x
x	x		x	x
x	x	x	x	x
x	x	x	Better!	x
x	x	x		x

10 Center

x	x	x	x	Col	x	x	x	x
Row	Row	Row	Row	X-ing	Row	Row	Row	Row
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x
x	x	x	x	Col	x	x	x	x

11 Left-Center-Right

loooooong word	loooooong word	loooooong word	loooooong word	word	word
center		c	r	center	center
center		c	r	center	center
center		c	r	center	center

12 Static size

x	x	x		x	x
x	x	x		x	x
x	x	x		x	x
x	x	x		x	x
x	x	x		x	x
x	x	x		x	x

13 Static Size and Ending Sequence

x	x	x	end of cell	x	x
x	x	x	end of cell	x	x
x	x	x	end of cell	x	x
x	x	x	end of cell	x	x
x	x	x	end of cell	x	x
x	x	x	end of cell	x	x

14 Position

Possible positions are c,t or b.

Call me Ishmael. Some years ago- never mind how long precisely- having little
or no money in my purse, and nothing particular to interest me on shore, I
thought I would sail about a little and see the watery part of the world.

Call me Ishmael. Some years ago- never mind how long precisely- having	little	money
	no	
	a lot of	
in my purse, and nothing particular to interest me on shore, I thought I	would sail	about
a little and see the watery part of the world.		

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a little and see the watery part of the world.		

15 Repeted Declaration

The custom way..

1,2	3,4	5,6	7,8
9,10	11,12	13,14	15,16

The new way...

1,2	3,4	5,6	7,8
9,10	11,12	13,14	15,16

Serial way using a '.' instead of a ','

1.2	3.4	5.6	7.8
9.10	11.12	13.14	15.16

16 Tabbing

Command	Explanation	Use
<code>\=</code>	set a tab	word <code>\=</code>
<code>\quad\=</code>	define a tab	word <code>\quad\=</code>
<code>\></code>	next tab field	<code>\></code> next word
<code>\<</code>	previous tab field	<code>\<</code> prev word
<code>\+</code>	left side one	end of row <code>\+</code>
<code>\-</code>	right side one	end of row <code>\-</code>
<code>\kill</code>	position to the left position to the right spacer	position to the left position to the right after tab declaration

The problem of tabbing is:

This text is ok

This texed up!!

17 Long Tables

Uses package longtable.!

end	first	head
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
x	x	x
all	pages	footer

[illegible]

18 Array

p{...}	m{...}	b{...}
grounded	centered	leading
Call me Ishmael.	Call me Ishmael.	Call me Ishmael.
Call me Ishmael.	Call me Ishmael.	Call me Ishmael.
Call me Ishmael.	Call me Ishmael.	Call me Ishmael.

19 Array: Format

Format an array using comments or commands at the column declaration.

- >{comment} sets it before a column,
- <{comment} sets it after a column (never used it)
- !{comment} between the columns (never ever used that one)

BEFORE p{...}	m{...}	b{...}
BEFORE grounded	centered	leading
BEFORE Call me Ishmael.	Call me Ishmael.	Call me Ishmael.
BEFORE Call me Ishmael.	Call me Ishmael.	Call me Ishmael.
BEFORE Call me Ishmael.	Call me Ishmael.	Call me Ishmael.

20 Scientific Booktabs

Uses package booktabs! Tables for scientific articles.

- `\toprule` a line on top of the table
- `\midrule` a line within the table
- `\bottomrule` a line at the bottom of the table
- `\cmidrule[trim]{ col.start - col.end }` works like `\cline`, trim defines where to place the gap (l,r or lr possible)
- `\addlinespace` generates an additional linespace

bla			
bla	bla	bla	weight in g
item	description	spec.	1.1
item	description	spec.	2.2
item	description	spec.	3.3
item	description	spec.	4.4