

Org-Mode Cheat Sheet

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1 Org Documents

Key	Function
C-c C-x \	Show entities as UTF-8 characters (e.g., α)
<s TAB	Insert <code>#+BEGIN_SRC .. #+END_SRC</code> template (more)

1.1 Character Formatting

- ***bold*** `example`
- */italic/* `example`
- _underlined_ `example`
- `~code~` `example`
- ~~+strike-through+~~ `example`

Here's an example of `max(int a, int b)` code in text.

1.2 Paragraph Formatting

Some random text here, followed by a quote:

Everything should be made as simple as possible, but not any simpler – Albert Einstein

The regular text continues here.

You can insert a hard paragraph break with two `\\`'s at the end of a line.

1.3 Miscellaneous

- `#` and a whitespace are comments
- 5 dashes will be a horizontal rule
- ☐ A checkbox here and more details!
- ☒ A checked checkbox here
- I have a footnote! ¹

1.4 Math

- Greek characters are written like this: `\alpha` α β γ
- Subscripts and superscripts are done with `^` and `_`: x^y , σ_{var}

Latex equations can be written like this:

$$x = \sqrt{b} \tag{1}$$

If $a^2 = b$ and $b = 2$, then the solution must be either

$$a = +\sqrt{2}$$

or

$$a = -\sqrt{2}$$

2 Code

2.1 Keybindings

Key	Function
C-c	Edit current code block in separate window

2.2 Including in Text

Source code is included and referenced like this:

¹This is the text of the footnote!

```

#+BEGIN_SRC emacs-lisp -n -r
    (save-excursion
      (goto-char (point-min)))
#+END_SRC
In line [[(x)]] we remember the current position.  [[(y)]] [Line (y)]
jumps to point-min.

1 (save-excursion
2   (goto-char (point-min)))

```

In line 1 we remember the current position. Line 2 jumps to point-min.
Options:

- n number the lines
- +n continue the numbering from the previous snippet
- r don't display the labels in the source code

2.3 Evaluating Code

This code snippet will print the code, and then the value returned by evaluating the code at export time.

```

1 (point-max)

```

The results will be placed here:

6704

3 Tables

3.1 Keybindings

Key	Function
C-c '	edit all formulas
C-c -	insert a hline
C-c =	edit column formula
C-c ?	get info about current cell
C-c	convert region to table
C-c ^	sort the lines in the region
C-c C-c	realign table
C-u C-c =	edit field formula
C-u C-u C-c *	recalc table
M-left/right	move column left or right
M-s-down	move current row down and add a row above
M-s-left	delete current column
M-s-right	move current column right and insert a column to the left
M-up/down	move row up or down

3.2 Miscellaneous

M-x org-table-export

Types of formulas:

`:=` field formula

`=` column formula

3.3 Example Table

Code:

```
#+CONSTANTS: pi=3.14
#+CAPTION: Very important table with numbers in it
#+TBLNAME: summary-cost
| Item          |  | Annual Cost | Monthly Cost |           |
|               |  |           <r> |           <r> |       <r10> |
|-----+---+-----+-----+-----|
| /           | < |           |           > |           |
| Startup Cost | 1 |          $10 |          $12 |    $1,232 |
```

sidewaystable

Table 1: Very important table with numbers in it				
Item		Annual Cost	Monthly Cost	
Startup Cost	1	\$10	\$12	\$1,232
Something else	2	\$232,323	\$24	\$45,555
Something	2	\$3,231	\$24	\$0
Final thing	3	\$3,422	\$36	\$0
Totals	8	\$238,986	\$96	\$0

```
| Something else | 2 |      $232,323 |      $24 |      $45,555 |
| Something      | 2 |      $3,231 |      $24 |              $0 |
| Final thing    | 3 |      $3,422 |      $36 |              $0 |
|-----+---+-----+-----+-----|
| Totals         | 8 |    $238,986 |      $96 |              $0 |
#+TBLFM: $4=$2*12;C%d::@8$3=vsum(@I..II);C%d::$5=$5;C%d
```

Output:

Notes:

- `<r10>` forces right-align and makes the column 10 characters
- `/` in first column generates vertical column group separators
- Referring to a value in the table, the total in column 3 is \$238,986.
Code: `src_emacs-lisp[:var d=summary-cost[9,2]]{d}`
- Constants can be referred to as `$pi`
- `C` is a custom format specifier. It says that the input may have `$` and `,` in it, and to strip those out, perform the calculation, then add `$` and `,` back in before displaying the results.

4 Tables of Content

List of listings

List of Tables

1	Very important table with numbers in it	5
---	---	---

4.1 And some more stuff here

I guess...

Month	Days	Nr sold	per day
Jan	23	55	2.4
Feb	21	16	0.8
March	22	278	12.6

```
#+ BEGIN RECEIVE ORGTBL salesfigures +#+ END RECEIVE
ORGTBL salesfigures
#+ BEGIN RECEIVE ORGTBL xyz +#+ END RECEIVE ORGTBL
xyz
```

A	B
22	23
12	66