

Some Interesting T_EX and L^AT_EX Extras

This excerpt was modified from ‘A Simplified Introduction to L^AT_EX’ which you can download from <https://ctan.org/pkg/simplified-latex>:

<pre>% This is myfile.tex % notes to yourself can go here \documentclass[options]{style} optional specifications — e.g., declaring use of packages \begin{document} : \end{document}</pre>	<p>} Anything following % is ignored (used for comments).</p> <p>} <i>Preamble</i> (blank lines do not matter)</p> <p>} <i>Body</i> This is the document <i>environment</i>.</p> <p>All that follows is ignored (could be used for comments).</p>
---	---

Figure 1: The Structure of a L^AT_EX Document.

More information

The following examples were taken or modified from ‘T_EX for the Impatient’, which you can download from <https://ctan.org/pkg/impatient>.

Examples

Showing { \char } command: A

Some math: $2 + 2 = 5$

Helvetica looks like this. Charter looks like this.

Here’s an example of some words in a ruled box, just as Lewis Carroll wrote them:

Who would not give all else for twopennyworth only of Beautiful Soup?

* * * * *

Sometimes you’ll need to typeset a paragraph that has tall material, such as a mathematical formula, embedded within it. An example of such a formula is $\binom{n}{k}$. Note the extra space above and below this line as compared with the other lines. (If the formula didn’t project below the line, we’d only get extra space above the line.)

⇓
⇒ **Heed my warning!** ⇐
⇑

The wines of France and California
may be the best known, but they
are not the only fine wines. Span-
ish wines are often underestimated,
and quite old ones may be avail-
able at reasonable prices. For
Spanish wines the vintage is
not so critical, but the cli-
mate of the Bordeaux re-
gion varies greatly from
year to year. Some
vintages are not as
good as others,
so these years
ought to be
specially
noted:
1962,
1964,
1966.
1958,
1959,
1960,
1961,
1964,
1966
are also
good Cal-
ifornia vintages.
Good luck finding them!

1

3

2
1

2
3

ugly suburban sprawl
ugly suburban sprawl
ugly suburban sprawl

In this example, we see how to use
vboxes to produce the effect of
double columns. Each vbox contains
two paragraphs, typeset according to
TeX's usual rules except that it's
ragged right.
This isn't really the best way to
get true double columns because the
columns

aren't balanced and we haven't done
anything to choose the column break
automatically or even to fix up the
last line of the first column.
However, the technique of putting
running text into a vbox is very
useful for placing that text where
you want it on the page.

Manipulating boxes

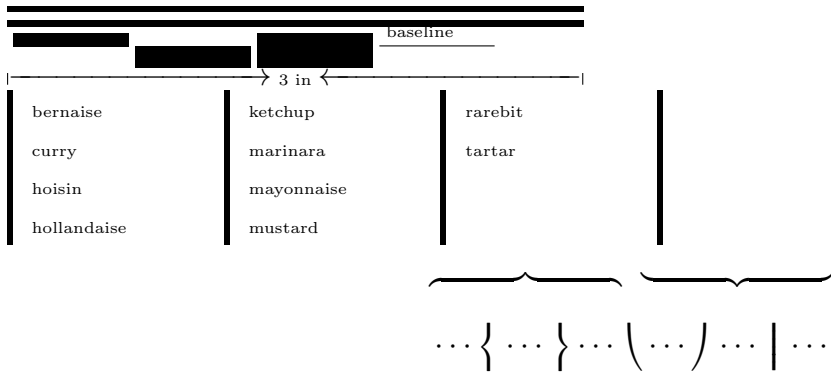
This box is .75in deep.	This box is at its natural depth.	This box is .2in deeper than its natural depth.
-------------------------	--------------------------------------	---

Retrieving the contents of a box register

mushroom
mushroom

Have a good good day!

The box has width 19.88867pt, height 2.58331pt, and depth 15.16667pt.



First we use **regular** CM typewriter. Then we use **eleven-point** CM typewriter. Finally we use **big** CM typewriter.

Here's a line printed normally.
Heres a really spaced-out line.

xxiv

April 10, 1054

This book was produced with the LaTeX2e format.

macro:->\par \break] [undefined] [the letter Y]
the control sequence \bigbreak
[cmr5]

One _____ two

This is the first line.
This is the second line.

α

\Leftarrow false; bc true; true
 \Rightarrow

\Rightarrow
 \Leftarrow

Help! Let me
out of here!