

Documentation for `frame.tex`: fancy frames for generic TeX

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Version 1.0
May 15, 2010

Abstract

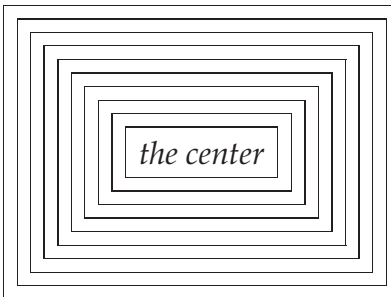
`frame.tex/frame.sty` provides fancy frames for generic TeX

*The documentation was put into L^AT_EX format by Herbert Voß

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1 Usage



This paragraph is probably rather hard to read. I have used T_EX's rule-drawing and macro capability to set 10 boxes on top of the text. This was rather easy to do in T_EX. I challenge anyone to come up with as simple a method for *troff*.

The command I used was:

```
\fancyframebox{.1pt}{5pt}{text to be boxed}
```

`\fancyframebox` makes a framed `\hbox` containing its third argument, surrounded by extra space (its second argument), and rules on all four sides whose width is its first argument. To get 10 boxes, you just re-frame 10 times. I used a `\loop` construct, but one could just write out 10 nested `\fancyframebox` calls.

In order to center the fancy boxes, I put them into `\box0` and used `\centerline{\box0}` to write it out. To make the text come out on top, I put it in a `\vbox to 0pt` construct, making T_EX try to squeeze everything vertically to zero. A `\vss` allowed the `\vbox` to shrink (without it T_EX would still have done the job, but would have complained about an "overfull `\vbox`").[Ed.-Example was changed...]

Thus, the final set of commands, including the T_EX loop instructions, to typeset the boxes was

```
\setbox0=\hbox{\it the center}
\count11=1
\loop\ifnum\count11<11
  \setbox0=\hbox{\fancyframebox{.1pt}{5pt}{\unhbox0}}
  \advance\count11 by1
\repeat
```

```
\vbox{\centerline{\box0}\vss}
```

Simple—at least when you consider the task...

2 Macros

```
\fancyframebox{rule thickness}{separation from inner guy}{inner guy}  
\makeemptybox{width}{height}{depth}
```