

builder adds the `\vfill` to the current page, causing the depth of the current page to become zero. The depth of the bottom line (2.5pt) is now added to the height of the current page, with the result that it is too high (72.5pt). The `\vfill` is therefore removed, and the last page is shipped out without any fill at the bottom.

References

1. Knuth, D. E., *A Course on METAFONT Programming*, *TUGboat* 5, no. 2, pp. 105–118, Nov. 1984.
2. Platt, C., *Macros for Two-Column Format*, *TUGboat* 6, no. 1, pp. 29–30, March, 1985.

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L^AT_EX

The L^AT_EX Column

Jackie Damrau

It has been a while since my last column, but for a very good reason. I have been relocating to a better position and am now stable enough to get back to producing this column for each issue.

With this issue, I will answer the question that is asked most often by those of you who have contacted me by telephone: “How does one double-space a L^AT_EX document?” To accomplish double-spacing, place the following command in your preamble:

```
\renewcommand{\baselinestretch}{2}
```

The preamble is the area after the `\documentstyle` declaration and before the `\begin{document}` declaration.

Another question that I am repeatedly asked is how to switch from singlespacing to doublespacing

or vice versa in a document. The only way that I have been able to do this is to have two macro files containing the following information. The first file I call `double.tex`:

```
\renewcommand{\baselinestretch}{2}
\large
\normalsize
```

and the second file I call `single.tex`:

```
\renewcommand{\baselinestretch}{1}
\large
\normalsize
```

An example of how to use these files follows below.

Spacing Example

The first paragraph of this example exhibits normal single spacing. Now we give commands to change this.

This paragraph should be double spaced. Fortunately the columns of *TUGboat* are narrow and I

do not need much text. Let’s switch again.

Now we proceed with the remainder of our document to demonstrate that the spacing has returned to normal.

Example Commands Shown

```
%
The first paragraph of this example exhibits
normal single spacing. Now we give commands
to change this.
```

```
% blank line must appear
\input double % switch to double spacing
This paragraph should be double spaced.
Fortunately the columns of \TUB{} are
narrow and I do not need much text.
Let’s switch again.
```

```
% blank line must appear
\input single % switch to single spacing
Now we proceed with the remainder of our
document to demonstrate that the spacing has
returned to normal.
```

Comments

Comments are always welcome. I will try to take most of the material for this column from the telephone calls or e-mail that I receive. They may appear to be to beginner-ish for some people, but there are new users entering the T_EX world everyday. If anyone feels that they would like a more advanced

column, I welcome any comments on suggested topics.

I am available through e-mail, surface mail and the telephone at the addresses and numbers listed below.

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Announcing Two Reports from the Rijksuniversiteit Groningen

C. G. van der Laan

Two reports on topics related to L^AT_EX have been issued recently by the Computer Center of the Rijksuniversiteit Groningen. Copies of these reports can be obtained by writing to the publisher at this address:

Rekencentrum RUG
Landleven 1
9700 AV Groningen, The Netherlands

SGML-L^AT_EX

C.G. van der Laan, D.C. Coleman, J.R. Luyten (1989):

SGML-L^AT_EX 1. Mathematical formulas.
(English version)
RC-RUG report 24
Rekencentrum RUG

The text of the foreword follows.

Within the Dutch SGML and T_EX user groups the question arose to what extent SGML and L^AT_EX are related. A working group comprised of J. Bleeker, H. Dekker, R. Doornebal, C.G. van der Laan, and D. van Wijnen, was formed in order to consider the question.

It was recognised that extensive copy with complex document elements, not extensive copy with simple structures nor copy of limited size with complex structures, is the issue that has to be addressed.

We gathered qualitative information about how people practise 'electronic publishing' by means of a (mini) inquiry.

Some relevant document element categories were selected such as mathematical formulas, tables, and illustrations. The original aim was to work out some representative examples and bundle these in one report. In the course of the project it appeared more practical to report in parts.

The first reports to see the light of day were the specifications of card distributions in BRIDGE. The L^AT_EX aspects are published in [1].

This report concerns mathematical formulas. The L^AT_EX specifications have been worked out by J.R. Luyten, while the SGML work has been done by D.C. Coleman. After the Dutch version of this report emerged, Grootenhuis [2], has been engaged in coupling the SGML descriptions to the L^AT_EX specifications.

References

- [1] C. G. van der Laan, "Typesetting Bridge via L^AT_EX." *TUGboat* 10, no. 1, pp. 113-116.
- [2] J. Grootenhuis, personal communication.

Journal Style Guidelines:

A Report on a New L^AT_EX Style

L. Steemers & C.G. van der Laan
Journal Style Guidelines
RC-RUG report 26
Rekencentrum RUG

This report is a worked-out example of how the general article style can be adapted towards a specific journal. Since it is not the intention of the authors that people redo the same work for another journal, we would like to share our experiences with our readers. The next thing we are considering is Generic Journal Style Guidelines, with the aim that targeting a specific journal can be accomplished within hours instead of months.

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