

# L<sup>A</sup>T<sub>E</sub>X News

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## Contents

|   |          |
|---|----------|
| <b>Introduction</b>   | <b>1</b> |
| <b>Other changes to the L<sup>A</sup>T<sub>E</sub>X kernel</b>                      | <b>1</b> |
| <code>\end{document}</code> should always start in v-mode                           | 1        |
| Allow extra space between name and address<br>in letter class . . . . .             | 1        |
| Provide hook in <code>\selectfont</code> . . . . .                                  | 1        |
| Delay change of font series and shape to<br><code>\selectfont</code> call . . . . . | 1        |
| Allow <code>\nocite</code> in preamble . . . . .                                    | 1        |
| . . . . .   | 1        |
| <b>Changes to packages in the graphics category</b>                                 | <b>1</b> |
| . . . . .   | 1        |
| <b>Changes to packages in the tools category</b>                                    | <b>1</b> |
| . . . . .   | 1        |
| <b>Changes to packages in the amsmath category</b>                                  | <b>1</b> |
| . . . . .   | 1        |

## Introduction

*to be written*

## Other changes to the L<sup>A</sup>T<sub>E</sub>X kernel

`\end{document}` should always start in v-mode

Until now `\end{document}` executed the code from the `\AtEndDocument` hook as its first action. This meant that it was executed in horizontal mode if the user left no empty line after the last paragraph. As a result one could get a spurious space added, for example, when that code contained a `\write` statement. This was fixed and now `\enddocument` first issues a `\par` to ensure that it always starts out in vertical mode. *(github issue 385)*

## Allow extra space between name and address in letter class

The `\opening` command in the the letter class expects the name and address to be separated by `\\` but it didn't allow to use an optional argument at this point to add some extra space after the name. The coding has now been slightly altered to allow for this. *(github issue 427)*

## Provide hook in `\selectfont`

After `\selectfont` has altered the font we run a hook so that packages can make final adjustments. This functionality was originally provided by the `everyrel` package, the new implementation is slightly different and uses the standard hook management. *(github issue 444)*

## Delay change of font series and shape to `\selectfont` call

With the NFSS extensions introduced in 2020 the font series and shape settings be be influenced by changes to the font family. The setting is therefore delayed until `\selectfont` is executed to avoid unnecessary or incorrect substitutions that may otherwise happen due to the order of declarations. *(github issue 444)*

## Allow `\nocite` in preamble

A natural place for `\nocite{*}` would be the preamble of the document, but for historical reasons L<sup>A</sup>T<sub>E</sub>X issued an error message if it was placed there. From the new release on it is now allowed in the preamble. *(github issue 424)*

...  
*to be written* *(github issue xxx)*

## Changes to packages in the graphics category

... *(github issue xxx)*

## Changes to packages in the tools category

... *(github issue xxx)*

## Changes to packages in the amsmath category

... *(github issue xxx)*