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2

February 27, 2021

Abstract

[REDACTED]

[REDACTED]

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat [REDACTED], sed diam voluptua fig. 1. [REDACTED]

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1 Introduction

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[REDACTED]

[REDACTED] At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est [REDACTED].

6

1. [REDACTED]

2. [REDACTED]

3. [REDACTED]

4. [REDACTED]

[REDACTED]

[REDACTED]

- [REDACTED]

7

- [REDACTED]

- [REDACTED]

- [REDACTED]

2 [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

11

12

[Redacted text block]

3 [Redacted section header]

[Redacted text block]

- 13 LOREM-IPSUM(*dolor, sit, amet*)
- 1 [Redacted]
 - 2 [Redacted]
 - 3 [Redacted]
 - 4 [Redacted]
 - 5 [Redacted]
 - 6 [Redacted]
 - 7 [Redacted]
 - 8 [Redacted]

[Redacted text block]

4 Discussion

[Redacted text block]

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References

14

- [1] [Redacted]
- [2] [Redacted]
- [3] [Redacted]
- [4] [Redacted]
- [5] [Redacted]
- [6] [Redacted]
- [7] [Redacted]
- [8] [Redacted]
- [9] [Redacted]
- [10] [Redacted]
- [11] [Redacted]
- [12] [Redacted]

Notes

1. The skeldoc package is intended for incremental document development, with commands that insert simplified placeholder elements for missing parts, similar to *skeleton screens*, optionally with associated notes explaining the placeholders.

2. The skeldoc package is written by Magnus Lie Hetland.

3. All the skeleton commands are followed by an optional argument in brackets, and one (also optional) in braces, like `\skelfoo[<conf>]{<note>}`. The first argument is for limited local configuration, setting keys relevant to the specific command. Each command also lets you supply one such config value *without* a key, leaving the key implicit. For example, for `\skelline` (a single skeleton line), this is `width` and for `\skelpar` (a single skeleton paragraph), it's `lines`. So `\skelline[5cm]` is the same as `\skelline[width=5cm]`. The `\skelpar` command also has the keys `first-width`, `width` and `last-width`, to adjust the various line widths.

The argument in braces is a *note* associated with the skeleton element, typeset using the `\skelnote` command, which places a number in the margin and an note at the end of the document (or wherever the `\printskelnotes` command is placed), with hyperlinks in both directions.

Beyond the keys available locally, there are several *global* config keys, which may be set using the `\skelset` command (which respects T_EX groups, so such config may also be local, e.g., by wrapping the relevant part of the document in braces). For example, one might use `\skelset{main-color=black}` to produce a look along the lines of the *tensor* package. Shared defaults for the local keys may also be set in this way, generally using the local key name with the type of element as a prefix; for example, `par-lines` is used to set the default for the `lines` key of the `\skelpar` command. There are also some other general keys, like `main-color` and `full-width`. For an overview of the configuration keys, please consult the source file, `skeldoc.sty`.

4. It is possible to add notes in arbitrary parts of a document with the `\skelnote` command. This could also be used as a simple to-do or annotation mechanism. Note that `\skelnote` is designed so you can place it before a paragraph or the like, and get the number positioned correctly. This means it gobbles up any space that follows it. To avoid this, simply follow it by an escaped space, for example, as in `\skelnote{My note}_.`

5. Here I'm referring to something non-existent, with `\skelref`, whose implicit key is `width`.

6. And here is a missing bibliographic reference, with `\skelcite`, whose implicit key is `width`. You can also control the left and right braces (or whatever text you wish to surround the citation with) using the `left` and `right` keys.

7. The `\skelenum` and `\skelitems` commands produce skeleton *lists* (using `enumeration` and `itemize`). Their implicit key is `items`, which controls the number of

items, while `item-lines` controls the number of lines per item.

8. Skeleton figures (`\skelfig`) have height as their implicit key. The width may be modified using the `width` key.

9. Skeleton captions are best typeset using the special-purpose `\skelcaption` command, rather than simply placing a `\skelpar` in a normal `\caption`, at least if you intend to attach a note. This is because captions are generally typeset more than once, in order to determine whether to center them; `\skelcaption` prevents any attached note from being added to the note list twice.

The implicit argument of `\skelcaption` is `lines`, and the other keys are as for `\skelpar`, relying on the same defaults and global configuration.

10. Multiple skeleton paragraphs may be produced using the `\skelpars` command, whose implicit key is `pars`, controlling the number of paragraphs.

11. The `\skelcaption` command may be used for figures and tables alike.

12. The `\skeltabular` command produces a skeleton table (specifically, a `tabularx`). The implicit key is `rows`, controlling the number of rows in the table. The `\tabcolsep` and `\arraystretch` used can be set with the `colsep` and `stretch` keys.

13. The `\skelpseudo` command only works if the *pseudo* package has been imported. (It is not imported by the skeldoc package.) The implicit key is `lines`, the number of lines to produce (in addition to the headline, if any). By default, no headline is included, but one may be set using the `head` key (e.g., using the `\pr` command from the *pseudo* package, rather than `\hd`, because the `head` key handles the `\multicolumn` stuff itself; for example, use `head={\pr{<name>}{<args>}}`). The indent pattern is set using the `newlines` key, which should be a comma-separated list of newline commands as used by the *pseudo* package (such as `\+` or `\--`). This list is used round-robin as the lines progress. E.g., if you want pseudocode without any indentation, simply use `newlines=\.`

14. The `\skelbib` command produces a skeleton bibliography, with the number of items controlled by the implicit key `items`. The number of lines per item is controlled by `item-lines`.