

Package `xltabular`

v. 0.01

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1 Introduction

The package `ltablex` supports an environment `tabularx` with the possibility of pagebreaks and the same header/footer definitions as in the package `longtable`. But the old behaviour of the `tabularx` environment is no more possible.

The package `xltabular` defines an environment of the same name which behaves like a `tabularx` as a `longtable`. In short: it is a `longtable` with the column specifier `X`. But it leaves the `tabularx` environment with its original behaviour.

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Table 1: The original tabularx environment: pagebreak not possible!

The image consists of a continuous, vertical column of the uppercase letter 'X'. The 'X's are rendered in a dark gray or black color and are set against a plain white background. The pattern is perfectly aligned horizontally and extends vertically from the top to the bottom of the frame.

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Table 2: the `xltabular` environment with `longtable` property

The image shows a continuous, horizontal pattern of two parallel rows of 'X' characters. The 'X's are rendered in a light gray color against a white background. The pattern is perfectly aligned horizontally across the entire width of the image.

Now a manual \pagebreak is used

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The image consists of a continuous, vertical column of the uppercase letter 'X'. The 'X's are rendered in a dark gray or black color and are set against a plain white background. The pattern is perfectly aligned horizontally and extends from the top to the bottom of the frame, creating a sense of infinite repetition.

References

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Table 3: File endings (only for a demonstration ...)

.ext	Beschreibung
aux	(auxiliary) Hilfsdatei, enthält Querverweise usw.
bbl	(bibliography) Hilfsdatei, enthält die Einträge für die Literatur
bib	(bibtex) enthält die Literaturdaten
blg	(bibliography log) enthält die Ausgaben eines BibTeX-Laufs
cfg	(config) Konfigurationsdatei
clo	(class options) Definitionen für die Dokumentenklasse und die entsprechenden Klassen-Optionen

References

- [1] David Carlisle. *The longtable package*. Version 4.11. Oct. 28, 2014. URL: [/macros/latex/required/tools/longtable.pdf](#).
- [2] David Carlisle. *The tabularx package*. Version 2.11. Feb. 3, 2016. URL: [/macros/latex/contrib/carlisle/](#).
- [3] Anil Goel. *The ltablex package*. Version 1.1. Aug. 13, 2014. URL: [/macros/latex/contrib/ltablex/](#).