

Example for footnoterange

This example demonstrates the use of package `footnoterange`, v1.1c as of 2026-01-19, references to ranges of footnotes (HMM). The package does not use options. `footnoterange-example.pdf` can be created by `pdflatex footnoterange-example.tex`, and `footnoterange-example.tex` can be created by `tex footnoterange.dtx`. `footnoterange.dtx` is at <https://ctan.org/pkg/footnoterange>.

For more details please see the documentation!

This¹ text bears a multiplicity of footnotes. Because the `hyperref` package is used with option `hyperfootnotes=true`, the footnotes^{2–9} are hyperlinked.¹⁰ Using `hyperfootnotes=false` or not using `hyperref` will remove the hyperlinks to the footnotes.

This text also bears a multiplicity of footnotes, but due to the use of the starred^{11–18} form of the environment they are not hyperlinked.¹⁹

The use of the optional parameter for footnotes^{101–105} is also possible, but should be used consistently.

¹ Lorem
² ipsum
³ dolor
⁴ sit
⁵ amet,
⁶ consectetur
⁷ adipiscing
⁸ elit,
⁹ sed
¹⁰ do eiusmod tempor incididunt ut labore et dolore magna aliqua.
¹¹ Ut enim
¹² ad minim veniam,
¹³ quis
¹⁴ nostrud
¹⁵ exercitation
¹⁶ ullamco
¹⁷ laboris
¹⁸ nisi
¹⁹ ut aliquip ex ea commodo consequat.
¹⁰¹ Duis
¹⁰² aute
¹⁰³ irure
¹⁰⁴ dolor
¹⁰⁵ in reprehenderit

When there is only one footnote²⁵ in the `footnoterange` environment, only one footnotemark is used and an info is written into the `log`-file.

The usage of other footnote-number-representations (e. g. `\RomanXXVI-XXX`, `\romanxxxi-xxxv`, `\AlphAJ-AN`, `\alphao-as`, `\fnsymbol*****-¶¶¶¶¶¶¶¶`) is also possible, but two things must be taken into account:

1. By default the number of footnote references is restricted (for example with `\Alph` only references A to Z are possible), which needs to be fixed. In this example the `alphalph` package is used for this purpose.

2. References to footnote-symbol-ranges (`\fnsymbol`) might not be very clear. For example, if the symbols `*†‡§¶**††` are used, `†-††` means second to seventh footnote.

But if `*†‡§¶**††` are used, `†-††` means second to eighth footnote.

And if `*†‡**††‡†` are used, `†-††` means second to fifth footnote.

²⁵a single footnote
^{XXVI}Nam arcu libero,
^{XXVII}nonummy eget,
^{XXVIII}consectetuer id,
^{XXIX}vulputate a,
^{XXX}magna.
^{xxxi}in voluptate
^{xxxii}velit
^{xxxiii}esse
^{xxxiv}cillum
^{xxxv}dolore
^{AJ}eu fugiat
^{AK}nulla
^{AL}pariatur.
^{AM}Excepteur
^{AN}sint
^{ao}occaecat
^{ap}cupidatat
^{aq}non proident,
^{ar}sunt
^{as}in culpa
^{*****}qui officia
^{††††††††}deserunt
^{††††††††}mollit
^{§§§§§§§§}anim
^{¶¶¶¶¶¶¶¶}id est laborum.

The Lorem ipsum text for the footnotes was taken from <https://www.lipsum.com/>, where as original source sections 1.10.32 and 1.10.33 of “de Finibus Bonorum et Malorum” by CICERO, written in 45 BCE, is given.