The HEP-TEXT package[*]

List and text extensions

Jan Hajer[†]

2024/11/01

Abstract

The HEP-TEXT package extends LaTeX lists using the ENUMITEM package and provides some text macros.

The package can be loaded by `\usepackage{hep-text}`.

lang
: The `lang` option sets the used language and takes the values allowed by the BABEL package [1], that is loaded for its hyphenation support.

\enquote
\MakeOuterQuote
: Quotation commands are provided by the CSQUOTES package [2]. It provides the convenient macros `\enquote{⟨text⟩}` and `\MakeOuterQuote{}` allowing to leave the choice of quotation marks to LaTeX and use " instead of the pair '' and '', respectively.

\eg
\vs
: The FOREIGN package [3] defines macros such as `\eg`, `\ie`, `\cf`, and `\vs` which are typeset as e.g., i.e., cf., and vs. with the appropriate spacing. Issuing `\renewcommand\foreignabbrfont{\itshape}` these abbreviations are typeset in italic.

\no
: The `\no{⟨number⟩}` macro is typeset as № 123.

\software
: The `\software[⟨version⟩]{⟨name⟩}` macro is typeset as HEP-PAPER v1.3.

\online
: The `\online{⟨url⟩}{⟨text⟩}` macro combines the features of the `\href{⟨url⟩}{⟨text⟩}`[4] and the `\url{⟨text⟩}` [5] macros, resulting in e.g. ctan.org/pkg/hep-text.

inlinelist
enumdescript
: The `inlinelist` and `enumdescript` environments are defined using the ENUMITEM package [6].

```
The three main points are
\begin{inlinelist}
  \item one
  \item two
  \item three
\end{inlinelist}
```

The three main points are i) one, ii) two, and iii) three.

```
\begin{enumdescript}[label=\Roman*)]
  \item{First} one
  \item{Second} two
  \item{Third} three
\end{enumdescript}
```

    I) **First**   one
  II) **Second**   two
III) **Third**   three

\underline
: The `\underline` macro is redefined to allow line-breaks using the SOUL package [7].

---

[*]This document corresponds to HEP-TEXT v1.3.

[†]jan.hajer@tecnico.ulisboa.pt

References

[1] J. Braams, J. Bezos, and at al. 'Babel Localization and internationalization: Multilingual support for Plain TeX or LaTeX' (1989). CTAN: babel. GitHub: latex3/babel.

[2] P. Lehman and J. Wright. 'The csquotes Package: Context sensitive quotation facilities' (2003). CTAN: csquotes.

[3] P. G. Ratcliffe. 'The foreign package for LaTeX 2ε: Systematic treatment of "foreign" words in documents' (2012). CTAN: foreign.

[4] *LaTeX3 Project.* 'Hypertext marks in LaTeX: a manual for hyperref: Extensive support for hypertext in LaTeX' (1995). CTAN: hyperref. GitHub: latex3/hyperref.

[5] D. Arseneau. 'The url package: Verbatim with URL-sensitive line breaks' (1996). CTAN: url.

[6] J. Bezos. 'Customizing lists with the enumitem package: Control layout of itemize, enumerate, description' (2003). CTAN: enumitem. URL: texnia.com/enumitem.html. GitHub: jbezos/enumitem.

[7] M. Franz. 'The soul package: Hyphenation for letterspacing, underlining, and more' (1998). CTAN: soul.