

# The HEP-TEXT package\*

## List and text extensions

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### Abstract

The HEP-TEXT package extends L<sup>A</sup>T<sub>E</sub>X 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` 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 L<sup>A</sup>T<sub>E</sub>X and use " instead of the pair “ and ”, respectively.

`\eg` 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  $\mathbb{N}^{\circ}$  123.

`\software` The `\software[<version>]{<name>}` macro is typeset as HEP-PAPER v1.1.

`\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` 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.

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\*This document corresponds to HEP-TEXT v1.1.

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```

\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 `soulutf8` package [7].

## 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  $\LaTeX 2_{\epsilon}$ : 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] H. Oberdiek. ‘The `soulutf8` package: Permit use of UTF-8 characters in `soul`’ (2007). CTAN: `soulutf8`.