The HEP-BIBLIOGRAPHY package*

Bibliographies for high energy physics

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Abstract

The HEP-BIBLIOGRAPHY package extends the BIBLATEX package with some functionality mostly useful for high energy physics. In particular it makes full use of all `bibtex` fields provided by `inspirehep.net`.

The package can be loaded via `\usepackage{hep-bibliography}`.

`\bibliography`
`\printbibliography`

The BIBLATEX package [1] is loaded for bibliography management. The user has to add the line `\bibliography{`⟨*my.bib*⟩`}` to the preamble of the document and `\printbibliography` at the end of the document. The bibliography is generated by BIBER [2]. `biblatex` is extended to be able to cope with the `collaboration` and `reportNumber` fields provided by `inspirehep.net` and a bug in the volume number is fixed. Additionally, the PubMed IDs are recognized and `ctan.org`, `github.com`, `gitlab.com`, `bitbucket.org`, `launchpad.net`, `sourceforge.net`, and `hepforge.org` are valid `eprinttype`s. Errata can be included using the `related` feature.

`erratum`

```
\article{key1,
  ...,
  relatedtype="erratum",
  related="key2",
}
\article{key2,
  ...,
}
```

References

[1] P. Lehman, J. Wright, A. Boruvka, and P. Kime. 'The `biblatex` Package: Sophisticated Bibliographies in LaTeX' (2006). CTAN: `biblatex`. GitHub: `plk/biblatex`.

[2] F. Charette and P. Kime. 'biber: Backend processor for BibLaTeX' (2009). GitHub: `plk/biber`. SourceForge: `biblatex-biber`.

*This document corresponds to HEP-BIBLIOGRAPHY v1.1.

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