

# 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` The BIBLATEX package [1] is loaded for bibliography management. The user has  
`\printbibliography` 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  
erratum valid `eprinttypes`. Errata can be included using the `related` feature.

```
\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  $\text{\LaTeX}$ ’ (2006). CTAN: `biblatex`. GitHub: `plk/biblatex`.
- [2] F. Charette and P. Kime. ‘`biber`: Backend processor for `Bib\text{\LaTeX}`’ (2009). GitHub: `plk/biber`. sourceforge: `biblatex-biber`.

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\*This document corresponds to HEP-BIBLIOGRAPHY v1.0.

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