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,
  ...,
}
```

A Implementation

<*package>

Load the KVOPTIONS package [3] and define a `hepbib` namespace.

```
\RequirePackage{kvoptions}
\SetupKeyvalOptions{
  family=hepbib,
```

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

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```
  prefix=hepbib@
}
```

bibliography Provide the style option for passing a style string to the BIBLATEX package [1] or disabling the automatic loading of biblatex.

```
\DeclareStringOption[numeric-comp]{style}

\ProcessKeyvalOptions*
```

\online Define the \online{⟨*text*⟩}{⟨*url*⟩} macro combining the features of the \href and the
\email \url macros. Define a macro for typesetting emails.

```
\providecommand{\online}[2]{\texttt{#2}}%
\providecommand{\hep@email}[1]{\online{mailto:#1}{#1}}
\providecommand\email{\hep@email}
\AtBeginDocument{\@ifpackageloaded{hyperref}{%
    \renewcommand{\online}[2]{\href{#1}{\nolinkurl{#2}}}%
  }{}
}
```

commalist (*env.*) Define a commalist environment using the xparse package [4].

```
\RequirePackage{xparse}
\ExplSyntaxOn
\NewDocumentEnvironment{commalist}{O{\space}+b}{
  \hep@comma@list:n{#2}
}{#1}
\seq_new:N \hep@items@sequence
\cs_new_protected:Npn \hep@comma@list:n #1{
  \seq_set_split:Nnn \hep@items@sequence{\item}{#1}
  \seq_pop_left:NN \hep@items@sequence \l_tmpa_tl
  \seq_use:Nnnn \hep@items@sequence{~and~}{,~}{,~and~}
}
\ExplSyntaxOff
```

\bibliography Load the BIBLATEX package [1] with the datamodel defined in appendix B.

```
\PassOptionsToPackage{style=\hepbib@style, datamodel=hep-bibliography}{biblatex}
\RequirePackage{biblatex}
```

hep-bibliography Provide the \DeclareSortingTemplate macro for older biblatex installations. Define a new sorting template that sorts only multi key \cite entries according to their date and leaves the rest of the bibliography entries in the order they appear in the text.

```
\providecommand{\DeclareSortingTemplate}{\DeclareSortingScheme}
\DeclareSortingTemplate{hep-bibliography}{
  \sort{\citeorder}
  \sort[final]{\field{sortkey}}
  \sort{\field{sortyear} \field{year} \literal{9999}}
```

```
  \sort{\field{month}}
  \sort{\field{eprint} \field{doi}}
  \sort{\field{sorttitle} \field{title}}
  \sort{\field{subtitle} \field{volume}}
}
```

Use the new sorting scheme and abbreviat all first names.

```
\ExecuteBibliographyOptions{
  sorting=hep-bibliography,
  safeinputenc,
  giveninits=true,
  maxbibnames=7,
  backref=true
}
```

Hide the backrefs but use the information to link the index to the page of first citation.

```
\renewbibmacro*{pageref}{}%
\def\blxjk@grabfirslisttitem#1#2\@nil{#1}
\DeclareFieldFormat{labelnumberwidth}{%
  \iflistundef{pageref}{%
    \mkbibbrackets{#1}%
  }{%
    \edef\blxjk@firstpage{%
      \expandafter\blxjk@grabfirslisttitem\abx@list@pageref{}\@nil%
    }%
    \ifhyperref{%
      \hyperlink{page.\blxjk@firstpage}{\mkbibbrackets{#1}}%
    }{%
      \mkbibbrackets{#1}%
    }%
  }%
}
```

Shrink the biblography in two column mode.

```
% \newif\ifhep@journal\hep@journalfalse
% \ifhep@journal\else
  \if@twocolumn
    \AtBeginBibliography{\small}
    \setlength\biblabelsep{\labelsep}
  \fi
% \fi
```

translationof Redefine the `translationof` string to fit better to documents without a original title.

```
\DefineBibliographyStrings{english}{translationof={Original}}
```

erratum Add new bibliography string ‘Erratum’ for the use in the `relatedtype` field.

```
\NewBibliographyString{erratum,erratums}
\DefineBibliographyStrings{english}{erratum={Erratum},erratums={Errata}}
\providecommand{\relateddelimerratum}{\addsemicolon\space}
```

Activate the Oxford comma when using `british` and separate title and subtitle with a colon.

```
\DefineBibliographyExtras{british}{\def\finalandcomma{\addcomma}}
\renewcommand{\subtitlepunct}{\addcolon\addspace}
```

`\printbibliography` Allow the bibliography to be printed sloppy

```
\let\hep@printbibliography\printbibliography
\renewcommand{\printbibliography}{\sloppy\hep@printbibliography}
```

A.1 Sourcemap

`\reg@exp@one` `\reg@exp@two` `\reg@exp@url` `\reg@exp@pmc` Define regular expressions in order to deal with inconsistent journal title and volume naming as well as uniform resource locator (URL) protocols and the PMCID.

```
\newcommand{\reg@exp@one}{\regexp{\A(\p{L}+)?\d+(\p{L}+)?\Z}}
\newcommand{\reg@exp@two}{\regexp{\A(\p{L}+)?(\d+)(\p{L}+)?\Z}}
\newcommand{\reg@exp@url}{\regexp{\A(ht|f)tp(s)?:\/\/}}
\newcommand{\reg@exp@pmc}{\regexp{\A(PMC)?}}
```

`\DeclareSourcemap` Use the `\DeclareSourcemap` feature.

```
\DeclareSourcemap{%
  \maps[datatype=bibtex, overwrite=true]{%
```

`collaboration` Read the collaboration information if present.

```
    \map{%
      \step[fieldsource=Collaboration, final=true]%
      \step[fieldset=collaboration, origfieldval, final=true]
    }%
```

`reportnumber` Read the pre-print information if present.

```
    \map{%
      \step[fieldsource=reportNumber, final=true]%
      \step[fieldset=reportnumber, origfieldval, final=true]
    }%
```

`journal` Move letters from the volume field to the journal field.

```
    \map[overwrite]{
      \pertype{article}
      \step[fieldsource=volume, match=\reg@exp@one, final]
      \step[fieldsource=volume, match=\reg@exp@two, replace={$2}]
```

```
      \step[fieldsource=journal, fieldtarget=journaltitle]
      \step[fieldset=journaltitle, fieldvalue={\space$1$2}, append=true]
    }
```

url Remove the protocol from URL.

```
    \map{
      \step[fieldsource=url, final=true]
      \step[fieldset=protocollessurl, origfieldval, final=true]
      \step[fieldsource=protocollessurl, match=\reg@exp@url, replace={}]
    }
```

pmc Remove the PMC from the PMCID.

```
    \map{
      \step[fieldsource=pmcid, final=true]
      \step[fieldset=pmc, origfieldval, final=true]
      \step[fieldsource=pmc, match=\reg@exp@pmc, replace={}]
    }
  }%
}
```

\letbibmacro Provide the \letbibmacro macro for old biblatex installations.

```
\providecommand{\letbibmacro}[2]{\csletcs{abx@macro@#1}{abx@macro@#2}}
```

collaboration Execute the author macro even if only the collaboration information if present and override the author information with collaboration information if present.

```
\renewbibmacro*{author/translator+others}{%
  \ifboolexpr{
    test \ifuseauthor and (
      not test {\ifnameundef{author}} or
      not test {\iffieldundef{collaboration}}
    )
  }
  {\usebibmacro{author}}
  {\usebibmacro{translator+others}}
}
\letbibmacro{hep@bib@author}{author}
\renewbibmacro*{author}{%
  \iffieldundef{collaboration}{%
    \usebibmacro{hep@bib@author}}{\textit{\printfield{collaboration}}%
  }%
}
```

In: Remove spurious 'In:' if no journal is present.

```
\renewbibmacro*{in:}{%
  \iffieldundef{journaltitle}{}{\printtext{\bibstring{in}\intitlepunct}}%
}
```

reportnumber Print the reportnumber as commalist using the RELSIZE package [5].

```
\RequirePackage{relsize}
\DeclareFieldFormat{reportnumber}{%
  \edef\commalistbody{\forcsvfield{%
    \egroup\noexpand\item\unexpanded{\bgroup\smaller[.5]\textsc}
  }{reportnumber}}%
  \expandafter\commalist\commalistbody\egroup\endcommalist%
}
```

url Show URLs without the protocol.

```
\DeclareFieldFormat{url}{%
  \mkbibacro{URL}\addcolon\space\online{#1}{\thefield{protocollessurl}}%
}
```

\bib@online Private \bib@online macro

```
\newcommand{\bib@online}[2]{%
  \ifhyperref{\online{#1}{#2}}{\nolinkurl{#2}}%
}
```

pmid Present PubMed IDs.
pmcid

```
\DeclareFieldFormat{pmid}{%
  \mkbibacro{PM}\addcolon\space%
  \bib@online{https://www.ncbi.nlm.nih.gov/pubmed/#1}{#1}%
}
\DeclareFieldFormat{pmc}{%
  \mkbibacro{PMC}\addcolon\space%
  \bib@online{https://www.ncbi.nlm.nih.gov/pmc/articles/PMC#1}{#1}%
}
```

pmcid Add the pre-print and PubMed information if present.
pmid
reportnumber

```
\letbibmacro{hep-doi+eprint+url}{doi+eprint+url}
\renewbibmacro*{doi+eprint+url}{%
  \usebibmacro{hep-doi+eprint+url}
  \iffieldundef{pmc}{%
    \iffieldundef{pmid}{}{\printfield{pmid}\newunit}%
  }{\printfield{pmc}\newunit}
  \iffieldundef{reportnumber}{}{%
    \newunitpunct\textnumero\intitlepunct%
    \printfield{reportnumber}\newunit%
  }%
}
```

A.2 Eprints

\new@eprint Private \new@eprint macro

```
\NewDocumentCommand{\new@eprint}{smm}{
  \DeclareFieldFormat{eprint:#2}{%
    \newcommand{\@path}{\IfBooleanT{#1}{\thefield{eprintclass}/}##1}%
    #2\addcolon\space\bib@online{#3/\@path}{\@path}%
  }%
}
```

CTAN Add CTAN as a eprint option

```
\new@eprint{CTAN}{https://ctan.org/pkg}
\DeclareFieldAlias{eprint:ctan}{eprint:CTAN}
```

GitHub Add GitHub as a eprint option

```
\new@eprint*{GitHub}{https://github.com}
\DeclareFieldAlias{eprint:github}{eprint:GitHub}
```

GitLab Add GitLab as a eprint option

```
\new@eprint*{GitLab}{https://gitlab.com}
\DeclareFieldAlias{eprint:gitlab}{eprint:GitLab}
```

Bitbucket Add Bitbucket as a eprint option

```
\new@eprint*{Bitbucket}{https://bitbucket.org}
\DeclareFieldAlias{eprint:bitbucket}{eprint:Bitbucket}
```

Launchpad Add Launchpad as a eprint option

```
\new@eprint{Launchpad}{https://launchpad.net}
\DeclareFieldAlias{eprint:launchpad}{eprint:Launchpad}
```

SourceForge Add SourceForge as a eprint option

```
\new@eprint{SourceForge}{https://sourceforge.net/projects}
\DeclareFieldAlias{eprint:sourceforge}{eprint:SourceForge}
```

HEPForge Add HEPForge as a eprint option

```
\DeclareFieldFormat{eprint:hepforge}{%
  HEPForge\addcolon\space\bib@online{https://#1/hepforge.org}{#1}%
}
\DeclareFieldAlias{eprint:HEPForge}{eprint:hepforge}
```

Define bibstrings for reference names.

```
\NewBibliographyString{refname}
\NewBibliographyString{refsname}
\DefineBibliographyStrings{english}{%
  refname = {reference},
```

```
  refsname = {references}
}
```

\ccite
\Ccite

Define *clever* citation macros.

```
\DeclareCiteCommand{\ccite}{%
  \ifnum\thecitetotal=1
    \bibstring{refname}%
  \else%
    \bibstring{refsname}%
  \fi%
  \addnbspace\bibopenbracket%
  \usebibmacro{cite:init}\usebibmacro{prenote}%
}{\usebibmacro{citeindex}\usebibmacro{cite:comp}}{}{%
  \usebibmacro{cite:dump}\usebibmacro{postnote}%
  \bibclosebracket%
}

\newrobustcmd*{\Ccite}{\bibsentence\ccite}
```

</package>

B Biblatex datamodel file

<*datamodel>

collaboration
pmid
pmcid
pmc
reportnumber
protocollessurl

Define the `dbx` file containing the `hep-bibliography` datamodel.

```
\DeclareDatamodelFields[type=field, datatype=literal]{
  collaboration, pmid, pmcid, pmc,
}
\DeclareDatamodelFields[type=field, format=xsv, datatype=literal]{
  reportnumber,
}
\DeclareDatamodelFields[type=field, datatype=uri]{protocollessurl}
\DeclareDatamodelEntryfields{
  collaboration, pmid, pmcid, pmc, reportnumber, protocollessurl,
}
```

</datamodel>

C Test

<*test>

```
\documentclass[twocolumn,a4paper]{article}

\usepackage{hep-bibliography}
```

```
217
218 \begin{filecontents}{\jobname.bib}
219 @article{Ade:2015xua,
220     author = "Ade, P. A. R. and others",
221     collaboration = "Planck",
222     title = "{Planck 2015 results. XIII. Cosmological parameters}",
223     eprint = "1502.01589",
224     archivePrefix = "arXiv",
225     primaryClass = "astro-ph.CO",
226     doi = "10.1051/0004-6361/201525830",
227     journal = "Astron. Astrophys.",
228     volume = "594",
229     pages = "A13",
230     year = "2016"
231 }
232
233 @article{Agashe:2014kda,
234     author = "Olive, K. A. and others",
235     collaboration = "Particle Data Group",
236     title = "{Review of Particle Physics}",
237     doi = "10.1088/1674-1137/38/9/090001",
238     journal = "Chin. Phys. C",
239     volume = "38",
240     pages = "090001",
241     year = "2014"
242 }
243
244 @article{Ade:2013zuv,
245     author = "Ade, P. A. R. and others",
246     collaboration = "Planck",
247     title = "{Planck 2013 results. XVI. Cosmological parameters}",
248     eprint = "1303.5076",
249     archivePrefix = "arXiv",
250     primaryClass = "astro-ph.CO",
251     reportNumber = "CERN-PH-TH-2013-129",
252     doi = "10.1051/0004-6361/201321591",
253     journal = "Astron. Astrophys.",
254     volume = "571",
255     pages = "A16",
256     year = "2014"
257 }
258
259 @article{Aad:2012tfa,
260     author = "Aad, Georges and others",
261     collaboration = "ATLAS",
262     title = "{Observation of a new particle in the search for the Standard Model Higgs b
263     eprint = "1207.7214",
264     archivePrefix = "arXiv",
265     primaryClass = "hep-ex",
266     reportNumber = "CERN-PH-EP-2012-218",
```

```
    doi = "10.1016/j.physletb.2012.08.020",
    journal = "Phys. Lett. B",
    volume = "716",
    pages = "1--29",
    year = "2012"
}

@article{Chatrchyan:2012ufa,
    author = "Chatrchyan, Serguei and others",
    collaboration = "CMS",
    title = "{Observation of a New Boson at a Mass of 125 GeV with the CMS Experiment at
    eprint = "1207.7235",
    archivePrefix = "arXiv",
    primaryClass = "hep-ex",
    reportNumber = "CMS-HIG-12-028, CERN-PH-EP-2012-220",
    doi = "10.1016/j.physletb.2012.08.021",
    journal = "Phys. Lett. B",
    volume = "716",
    pages = "30--61",
    year = "2012"
}

@article{Beringer:1900zz,
    author = "Beringer, J. and others",
    collaboration = "Particle Data Group",
    title = "{Review of Particle Physics (RPP)}",
    reportNumber = "SLAC-REPRINT-2014-001",
    doi = "10.1103/PhysRevD.86.010001",
    journal = "Phys. Rev. D",
    volume = "86",
    pages = "010001",
    year = "2012"
}

@article{Chatrchyan:2008aa,
    author = "Chatrchyan, S. and others",
    collaboration = "CMS",
    title = "{The CMS Experiment at the CERN LHC}",
    doi = "10.1088/1748-0221/3/08/S08004",
    journal = "JINST",
    volume = "3",
    pages = "S08004",
    year = "2008"
}

@article{Cacciari:2008gp,
    author = "Cacciari, Matteo and Salam, Gavin P. and Soyez, Gregory",
    title = "{The anti-$k_t$ jet clustering algorithm}",
    eprint = "0802.1189",
    archivePrefix = "arXiv",
```

```
317     primaryClass = "hep-ph",
318     reportNumber = "LPTHE-07-03",
319     doi = "10.1088/1126-6708/2008/04/063",
320     journal = "JHEP",
321     volume = "04",
322     pages = "063",
323     year = "2008"
324 }
325
326 @article{Aad:2008zzm,
327     author = "Aad, G. and others",
328     collaboration = "ATLAS",
329     title = "{The ATLAS Experiment at the CERN Large Hadron Collider}",
330     doi = "10.1088/1748-0221/3/08/S08003",
331     journal = "JINST",
332     volume = "3",
333     pages = "S08003",
334     year = "2008"
335 }
336
337 @article{Sjostrand:2006za,
338     author = "Sjostrand, Torbjorn and Mrenna, Stephen and Skands, Peter Z.",
339     title = "{PYTHIA 6.4 Physics and Manual}",
340     eprint = "hep-ph/0603175",
341     archivePrefix = "arXiv",
342     reportNumber = "FERMILAB-PUB-06-052-CD-T, LU-TP-06-13",
343     doi = "10.1088/1126-6708/2006/05/026",
344     journal = "JHEP",
345     volume = "05",
346     pages = "026",
347     year = "2006"
348 }
349
350 @article{Spergel:2003cb,
351     author = "Spergel, D. N. and others",
352     collaboration = "WMAP",
353     title = "{First year Wilkinson Microwave Anisotropy Probe (WMAP) observations: Deter
354     eprint = "astro-ph/0302209",
355     archivePrefix = "arXiv",
356     doi = "10.1086/377226",
357     journal = "Astrophys. J. Suppl.",
358     volume = "148",
359     pages = "175--194",
360     year = "2003"
361 }
362
363 @article{Agostinelli:2002hh,
364     author = "Agostinelli, S. and others",
365     collaboration = "GEANT4",
366     title = "{GEANT4--a simulation toolkit}",
```

```
367     reportNumber = "SLAC-PUB-9350, FERMILAB-PUB-03-339, CERN-IT-2002-003",
368     doi = "10.1016/S0168-9002(03)01368-8",
369     journal = "Nucl. Instrum. Meth. A",
370     volume = "506",
371     pages = "250--303",
372     year = "2003"
373 }
374
375 @article{Randall:1999ee,
376     author = "Randall, Lisa and Sundrum, Raman",
377     title = "{A Large mass hierarchy from a small extra dimension}",
378     eprint = "hep-ph/9905221",
379     archivePrefix = "arXiv",
380     reportNumber = "MIT-CTP-2860, PUPT-1860, BUHEP-99-9",
381     doi = "10.1103/PhysRevLett.83.3370",
382     journal = "Phys. Rev. Lett.",
383     volume = "83",
384     pages = "3370--3373",
385     year = "1999"
386 }
387
388 @article{Perlmutter:1998np,
389     author = "Perlmutter, S. and others",
390     collaboration = "Supernova Cosmology Project",
391     title = "{Measurements of $\Omega$ and $\Lambda$ from 42 high redshift supernovae}",
392     eprint = "astro-ph/9812133",
393     archivePrefix = "arXiv",
394     reportNumber = "LBNL-41801, LBL-41801",
395     doi = "10.1086/307221",
396     journal = "Astrophys. J.",
397     volume = "517",
398     pages = "565--586",
399     year = "1999"
400 }
401
402 @article{Riess:1998cb,
403     author = "Riess, Adam G. and others",
404     collaboration = "Supernova Search Team",
405     title = "{Observational evidence from supernovae for an accelerating universe and a
406     eprint = "astro-ph/9805201",
407     archivePrefix = "arXiv",
408     doi = "10.1086/300499",
409     journal = "Astron. J.",
410     volume = "116",
411     pages = "1009--1038",
412     year = "1998"
413 }
414
415 @article{Witten:1998qj,
416     author = "Witten, Edward",
```

```
417     title = "{Anti-de Sitter space and holography}",
418     eprint = "hep-th/9802150",
419     archivePrefix = "arXiv",
420     reportNumber = "IASSNS-HEP-98-15",
421     doi = "10.4310/ATMP.1998.v2.n2.a2",
422     journal = "Adv. Theor. Math. Phys.",
423     volume = "2",
424     pages = "253--291",
425     year = "1998"
426 }
427
428 @article{Gubser:1998bc,
429     author = "Gubser, S. S. and Klebanov, Igor R. and Polyakov, Alexander M.",
430     title = "{Gauge theory correlators from noncritical string theory}",
431     eprint = "hep-th/9802109",
432     archivePrefix = "arXiv",
433     reportNumber = "PUPT-1767",
434     doi = "10.1016/S0370-2693(98)00377-3",
435     journal = "Phys. Lett. B",
436     volume = "428",
437     pages = "105--114",
438     year = "1998"
439 }
440
441 @article{Maldacena:1997re,
442     author = "Maldacena, Juan Martin",
443     title = "{The Large N limit of superconformal field theories and supergravity}",
444     eprint = "hep-th/9711200",
445     archivePrefix = "arXiv",
446     reportNumber = "HUTP-97-A097, HUTP-98-A097",
447     doi = "10.1023/A:1026654312961",
448     journal = "Adv. Theor. Math. Phys.",
449     volume = "2",
450     pages = "231--252",
451     year = "1998"
452 }
453
454 @article{Schlegel:1997yv,
455     author = "Schlegel, David J. and Finkbeiner, Douglas P. and Davis, Marc",
456     title = "{Maps of dust IR emission for use in estimation of reddening and CMBR foreg
457     eprint = "astro-ph/9710327",
458     archivePrefix = "arXiv",
459     doi = "10.1086/305772",
460     journal = "Astrophys. J.",
461     volume = "500",
462     pages = "525",
463     year = "1998"
464 }
465
466 @article{Guth:1980zm,
```

```
    author = "Guth, Alan H.",
    editor = "Fang, Li-Zhi and Ruffini, R.",
    title = "{The Inflationary Universe: A Possible Solution to the Horizon and Flatness
    reportNumber = "SLAC-PUB-2576",
    doi = "10.1103/PhysRevD.23.347",
    journal = "Phys. Rev. D",
    volume = "23",
    pages = "347--356",
    year = "1981"
}

@article{Altarelli:1977zs,
    author = "Altarelli, Guido and Parisi, G.",
    title = "{Asymptotic Freedom in Parton Language}",
    reportNumber = "LPTENS-77-6",
    doi = "10.1016/0550-3213(77)90384-4",
    journal = "Nucl. Phys. B",
    volume = "126",
    pages = "298--318",
    year = "1977"
}

@article{Hawking:1974sw,
    author = "Hawking, S. W.",
    editor = "Gibbons, G. W. and Hawking, S. W.",
    title = "{Particle Creation by Black Holes}",
    doi = "10.1007/BF02345020",
    journal = "Commun. Math. Phys.",
    volume = "43",
    pages = "199--220",
    year = "1975",
    related = "Hawking:1974sw-1",
    relatedtype = "erratum"
}

@article{Kobayashi:1973fv,
    author = "Kobayashi, Makoto and Maskawa, Toshihide",
    title = "{CP Violation in the Renormalizable Theory of Weak Interaction}",
    reportNumber = "KUNS-242",
    doi = "10.1143/PTP.49.652",
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    title = "{A Model of Leptons}",
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    title = "{Partial Symmetries of Weak Interactions}",
    doi = "10.1016/0029-5582(61)90469-2",
    journal = "Nucl. Phys.",
    volume = "22",
    pages = "579--588",
    year = "1961"
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@article{Hawking:1974sw-1,
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    journal = "Commun. Math. Phys.",
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    pages = "206",
    year = "1976",
    options = {skipbib=true}
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\nocite{*}
\usepackage{hyperref}

\begin{document}
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\end{document}
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</test>

D Readme

<*readme>

```
# The ‘hep-bibliography‘ package

Bibliographies for high energy physics

## Introduction

The ‘hep-bibliography‘ package extends the ‘biblatex‘ package with some functionality mo
In particular it makes full use of all ‘bibtex‘ fields provided by ‘inspirehep.net‘.

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

```

```
## Author

Jan Hajer

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The latest version of this license is in ‘http://www.latex-project.org/lppl.txt‘ and ver
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</readme>

References

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[5] D. Arseneau and M. Swift. ‘The relsize package: Set the font size relative to the current font size’ (2011). CTAN: relsize.