

# The HEP-TITLE package\*

## Extensions for the title page

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### Abstract

The HEP-TITLE package extends the title macros of the standard classes with macros for a preprint, affiliation, editors, and endorsers.

To use the HEP-TITLE package include it with `\usepackage{hep-title}`.

Most macros are intended for the use in the preamble. They are implemented using the TITLING [1] and AUTHBLK [2] packages.

## 1 Macros

If the HYPERREF package is loaded the portable document format meta information is set according to the `\title{<text>}` and `\author{<text>}` information.

### 1.1 Title

`\series` The `\series{<series>}` places a series title above the usual title generated via `\title{<title>}`. The `\subtitle{<subtitle>}` macro places a subtitle below the usual title. The fonts and their size can be adjusted using the `\seriesfont{<font>}`, `\titlefont{<font>}`, and `\subtitlefont{<font>}` macros.

`\seriesfont`

`\titlefont`

### 1.2 Authors

`\subtitlefont` In order to facilitate multiple authors with different affiliations the AUTHBLK package [2] is extended. The author macro is extended to take a affiliation label `\author[<label>]{<name>}`. The affiliation macro takes the corresponding label `\affiliation[<label>]{<institution>}`. Additionally, the `\email{email}` macro places a link containing the email in typewrite font into a footnote. The fonts can be adjusted using the `\authorfont{<font>}` and `\affiliationfont{<font>}` macros. The following lines add e.g. two authors with different affiliations

`\affiliation`

`\affiliationfont`

```
\author[affil]{Author one \email{email one}}
\affiliation[affil]{Affiliation one}
```

---

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

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`\author[affil2]{Author two \email{email two}}`  
`\affiliation[affil1,affil2]{Affiliation two}`

`\editor` Additionally the `\editor[label]{name}` and `\endorser[label]{name}` macros  
`\endorser` are provided that act similar to the `\author[label]{name}` macros but place their  
`\editorfont` content in a dedicated line. Their font can be adjusted by the `\editorfont{font}`  
`\endorserfont` and `\endorserfont{font}`. The titles of these lines can be adjusted using the  
`\editortitle` `\editortitle{singular}{plural}` and `\endorsertitle{singular}{plural}` macros.  
Their font can be adjust with the `\editortitlefont{font}` and `\endorsertitlefont{font}`.

### `\endorsertitle` 1.3 Abstract

`\editortitlefont` The `abstract` environment is adjusted to not start with an indentation. The `abstract*`  
`\endorsertitlefont` environment takes care of placing the title as well. This is used in `twocolumn`  
`abstract (env.)` documents if the abstract should span both columns.

### `abstract* (env.)` 1.4 Preprint

`\preprint` The `\preprint{number}` macro places a pre-print number in the upper right corner  
`\preprintfont` of the title page. The `\preprintfont` macro can be used to change the font of the  
preprint.

## A Implementation

<\*package>

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

```

1 \providecommand{\online}[2]{\texttt{#2}}%
2 \providecommand{\hep@email}[1]{\online{mailto:#1}{#1}}
3 \providecommand\email{\hep@email}
4 \AtBeginDocument{\@ifpackageloaded{hyperref}{%
5   \renewcommand{\online}[2]{\href{#1}{\nolinkurl{#2}}}%
6 }{}
7 }
```

`\hep@multi@ref` Transform reference list to list of references.

```

8 \newif\ifhep@first%
9 \newcommand{\hep@multi@ref}[1]{%
10   \hep@firsttrue%
11   \forcsvlist{%
12     \ifhep@first\hep@firstfalse\else\textsuperscript,\fi\ref%
13   }{#1}%
14 }
```

Redefine the email macro for the title page.

```
15 \renewcommand{\email}[2] [] {\unskip\thanks [#1]{\hep@email{#2}}}%
16 \AtBeginDocument{
17   \let\hep@maketitle\maketitle
18   \renewcommand\maketitle{\hep@maketitle\let\email\hep@email}
19 }
```

## A.1 Preprint and title

### A.1.1 Preprint

`\preprintfont` Define the `\preprintfont` macro.

```
20 \let\hep@preprint@font\relax
21 \newcommand{\preprintfont}[1]{\def\hep@preprint@font{#1}}
22 \preprintfont{\scshape\small}
```

`\preprint` Define the `\preprint` macro using the `VARWIDTH` package [3].

```
23 \let\hep@preprint\relax
24 \newcommand\preprint[1]{\def\hep@preprint{#1}}
25 \RequirePackage{varwidth}
26 \newcommand{\hep@preprint@box}{%
27   \begin{varwidth}{\textwidth}%
28     \hep@preprint@font\hep@preprint%
29   \end{varwidth}%
30 }
```

`\placepreprint` Places a preprint number in the top right corner of the title page using the `CALC` [4], `ATBEGSHI` [5], and `PICTURE` [6] packages.

```
31 \RequirePackage{calc}
32 \RequirePackage{atbegshi}
33 \RequirePackage{picture}
34 \newcommand{\placepreprint}{-%
35   \AtBeginShipoutFirst{%
36     \put(
37       \textwidth+\oddsidemargin-\widthof{\hep@preprint@box},
38       -2pt-\topmargin-\heightof{\hep@preprint@box}
39     ){\normalfont\hep@preprint@box}
40   }
41 }
```

### A.1.2 Series

`\series` Define a series title.

```
42 \newcommand{\preseries}[1]{\def\hep@pre@series{#1}}
43 \newcommand{\series}[1]{\def\hep@series{#1}}
44 \newcommand{\postseries}[1]{\def\hep@post@series{#1}}
```

`\seriesfont` Allow to change the fontface of the series title.

```
45 \let\hep@series@font\relax
46 \newcommand{\seriesfont}[1]{\def\hep@series@font{#1}}
```

Set the default series title layout.

```
47 \preseries{\begin{center}\Large\hep@series@font}
48 \postseries{\par\end{center}}
```

### A.1.3 Title

Extend the title using the TITLING package [1]. Fix the footnote indent.

```
49 \RequirePackage{titling}
50 \setlength{\thanksmarkwidth}{1.5em}
```

`\maketitlehooka` Place the preprint and the series title using `\maketitlehooka`.

```
51 \renewcommand{\maketitlehooka}{%
52   \placepreprint\vspace{-\bigskipamount}%
53   \@ifundefined{hep@series}{-}{%
54     \hep@pre@series\hep@series\hep@post@series%
55   }%
56 %   \vspace{-\bigskipamount}%
57 }
```

`\titlefont` Allow to change the fontface of the the title.

```
58 \let\hep@title@font\relax
59 \newcommand{\titlefont}[1]{\def\hep@title@font{#1}}
```

Set default title layout.

```
60 \prettitle{\begin{center}\LARGE\hep@title@font}
61 \posttitle{\par\end{center}}
```

### A.1.4 Subtitle

`\subtitle` Define a subtitle.

```
62 \newcommand{\presubtitle}[1]{\def\hep@pre@sub@title{#1}}
63 \newcommand{\subtitle}[1]{\def\hep@sub@title{#1}}
64 \newcommand{\postsubtitle}[1]{\def\hep@post@sub@title{#1}}
```

`\subtitlefont` Allow to change the fontface of the subtitle.

```
65 \let\hep@subtitle@font\relax
66 \newcommand{\subtitlefont}[1]{\def\hep@subtitle@font{#1}}
```

Set default subtitle layout.

```
67 \presubtitle{\begin{center}\Large\hep@subtitle@font}  
68 \postsubtitle{\par\end{center}}
```

## A.2 Authors and Editors

### A.2.1 Editors

Define editors, similar to authors using the AUTHBLK package. Enable the handling of multiple authors with different affiliations using the AUTHBLK package [2].

```
69 \RequirePackage{authblk}  
70 \newcounter{editors}  
71 \newcommand\hep@editorlist{}  
72 \newcommand\hep@editors{}  
73 \@namedef{hep@editor@sep1}{}  
74 \@namedef{hep@editor@sep2}{\Authand}
```

\editor Copy of the authblk author code adjusted for editors.

```
75 \newcommand\editor[2] [] {%  
76   \ifnewaffil%  
77     \addtocounter{affil}{1}%  
78     \edef\AB@thenote{\arabic{affil}}%  
79     \fi%  
80     \if\relax#1\relax%  
81       \def\AB@note{\AB@thenote}%  
82     \else%  
83       \def\AB@note{#1}\setcounter{Maxaffil}{0}%  
84     \fi%  
85     \ifnum\value{editors}>1\relax%  
86       \@namedef{hep@editor@sep\c@editors}{\Authsep}%  
87     \fi%  
88     \addtocounter{editors}{1}%  
89     \begingroup%  
90       \let\protect\@unexpandable@protect \let\and\AB@pand%  
91       \def\thanks{\protect\thanks}\def\footnote{\protect\footnote}%  
92       \@temptokena=\expandafter{\hep@editors}{%  
93         \def\\{%  
94           \protect\\[\@affilsep]\protect\Affilfont\protect\AB@resetsep%  
95         }%  
96         \xdef\hep@editor{\AB@blk@and#2}%  
97         \ifnewaffil%  
98           \gdef\AB@las{} \gdef\AB@lasx{\protect\Authand} \gdef\AB@as{}%  
99           \xdef\hep@editors{\the\@temptokena\AB@blk@and}%  
100        \else%  
101          \xdef\hep@editors{\the\@temptokena\AB@as\AB@au@str}%  
102          \global\let\AB@las\AB@lasx \gdef\AB@lasx{\protect\Authands}%  
103          \gdef\AB@as{\Authsep}%  
104        \fi%
```

```

105     \gdef\AB@au@str{#2}%
106   }%
107   \@temptokena=\expandafter{\hep@editorlist}%
108   \let\=\editorcr%
109   \xdef\hep@editorlist{%
110     \the\@temptokena%
111     \protect\@nameuse{hep@editor@sep\number\c@editors}%
112     \protect\AUTHfont#2%
113     \if\relax#1\relax\else%
114       \protect\hep@multi@ref{\AB@note}%
115     \fi%
116   }%
117 \endgroup%
118 \ifnum\value{editors}>2\relax%
119   \@namedef{hep@editor@sep\number\c@editors}{\AUTHands}%
120 \fi%
121 \newaffilfalse%
122 }

```

`\editorfont` Allow to change the fontface of the editors.

```

123 \let\hep@editor@font\relax
124 \newcommand{\editorfont}[1]{\def\hep@editor@font{#1}}

```

`\preditor` Set editor style.

`\postditor`

```

125 \newcommand{\preeditor}[1]{\def\hep@pre@editor{#1}}
126 \newcommand{\posteditor}[1]{\def\hep@post@editor{#1}}
127 \newcommand{\editortitle}[2]{
128   \def\hep@editor@title{#1}
129   \def\hep@editor@title@pl{#2}
130 }
131 \newcommand{\editortitlefont}[1]{\def\hep@editor@title@font{#1}}
132 \newcommand{\preeditortitle}[1]{\def\hep@pre@editor@title{#1}}
133 \newcommand{\posteditortitle}[1]{\def\hep@post@editor@title{#1}}
134 \editortitle{Editor}{Editors}
135 \editortitlefont{\itshape}
136 \preeditortitle{\hep@editor@title@font}
137 \posteditortitle{: }
138 \preeditor{%
139   \begin{center}%
140     \large\hep@editor@font\lineskip.5em%
141     \begin{tabular}[t]{c}{%
142       \hep@pre@editor@title%
143       \ifnum\value{editors}>1\relax%
144         \hep@editor@title@pl%
145       \else%
146         \hep@editor@title%
147       \fi%
148       \hep@post@editor@title%

```

```

149     }%
150 }
151 \posteditor{\end{tabular}\par\end{center}}

```

`\maketitlehookb` Show subtitle and editor.

```

152 \renewcommand{\maketitlehookb}{%
153   \@ifundefined{hep@sub@title}{%
154     \hep@pre@sub@title\hep@sub@title\hep@post@sub@title%
155   }%
156   \smallskip%
157   \ifx\hep@editorlist\AB@empty\else%
158     \hep@pre@editor\hep@editorlist\hep@post@editor%
159   \fi
160 }

```

### A.2.2 Authors

`\author` Allow absent author field.

```
161 % \author{}
```

Switch authblk to a label ref system for affiliations using the `xPATCH` package [7].

```

162 \RequirePackage{xpatch}
163 \xpatchcmd{\author}{%
164   \protect\AUTHfont#2\AB@authnote{\AB@note}%
165 }{%
166   \protect\AUTHfont#2%
167   \if\relax#1\relax\else\unskip\protect\hep@multi@ref{\AB@note}\fi%
168 }{}{}

```

`\authorfont` Allow to change the fontface of the individual parts of the title.

```

169 \let\hep@author@font\relax
170 \newcommand{\authorfont}[1]{\def\hep@author@font{#1}}
171 \renewcommand\AUTHfont{\hep@author@font}

```

Set default author fontface.

```

172 \newcommand{\authortitle}[2]{
173   \def\hep@author@title{#1}
174   \def\hep@author@title@pl{#2}
175 }
176 \newcommand{\authortitlefont}[1]{\def\hep@author@title@font{#1}}
177 \newcommand{\preauthortitle}[1]{\def\hep@pre@author@title{#1}}
178 \newcommand{\postauthortitle}[1]{\def\hep@post@author@title{#1}}
179 \authortitle{Author}{Authors}
180 \authortitlefont{\itshape}
181 \preauthortitle{\hep@author@title@font}

```

```

182 \postauthortitle{: }
183 \preauthor{%
184   \begin{center}%
185     \large\hep@author@font\lineskip.5em%
186     \begin{tabular}[t]{c}{%
187       \ifnum\value{editors}>0\relax%
188         \hep@pre@author@title%
189         \ifnum\value{authors}>1\relax%
190           \hep@author@title@pl\else\hep@author@title%
191         \fi\hep@post@author@title%
192       \fi%
193     }%
194 }
195 \postauthor{\end{tabular}\par\end{center}}

```

### A.2.3 Endorser

```

196 \newcounter{endorsers}
197 \newcommand\hep@endorserlist{}
198 \newcommand\hep@endorsers{}
199 \@namedef{hep@editor@sep1}{}
200 \@namedef{hep@editor@sep2}{\Authand}

```

\endorser Copy of the authblk author code adjusted for endorsers.

```

201 \DeclareRobustCommand\endorser{\@ifnextchar[{\hep@@endorser}{\hep@@@endorser}}
202 \def\hep@@endorser[#1]#2{\hep@@@endorser[#1]{#2}}
203 \def\hep@@@endorser#1{\hep@@@endorser{#1}}
204 \newcommand\hep@@@endorser[2][ ]{%
205   \ifnewaffil%
206     \addtocounter{affil}{1}%
207     \edef\AB@thenote{\arabic{affil}}%
208   \fi%
209   \if\relax#1\relax%
210     \def\AB@note{\AB@thenote}%
211   \else%
212     \def\AB@note{#1}\setcounter{Maxaffil}{0}%
213   \fi%
214   \ifnum\value{endorsers}>1\relax%
215     \@namedef{hep@endorser@sep\c@endorsers}{\Authsep}%
216   \fi%
217   \addtocounter{endorsers}{1}%
218   \begingroup%
219     \let\protect\@unexpandable@protect \let\and\AB@pand%
220     \def\thanks{\protect\thanks}\def\footnote{\protect\footnote}%
221     \@temptokena=\expandafter{\hep@endorsers}{%
222       \def\{ %
223         \protect\[\@affilsep]\protect\Affilfont\protect\AB@resetsep%
224       }%
225     \xdef\hep@endorser{\AB@blk@and#2}%
226     \ifnewaffil%

```



```

227     \gdef\AB@las{}\gdef\AB@lasx{\protect\Authand}\gdef\AB@as{}%
228     \xdef\hep@endorsers{\the\@temptokena\AB@blk@and}%
229     \else%
230     \xdef\hep@endorsers{\the\@temptokena\AB@as\AB@au@str}%
231     \global\let\AB@las\AB@lasx\gdef\AB@lasx{\protect\Authands}%
232     \gdef\AB@as{\Authsep}%
233     \fi%
234     \gdef\AB@au@str{#2}%
235 }%
236 \@temptokena=\expandafter{\hep@endorserlist}%
237 \let\=\endorsercr%
238 \xdef\hep@endorserlist{%
239   \the\@temptokena%
240   \protect\@nameuse{hep@endorser@sep\number\c@endorsers}%
241   \protect\Authfont#2%
242   \if\relax#1\relax\else%
243     \protect\hep@multi@ref{\AB@note}%
244   \fi%
245 }%
246 \endgroup%
247 \ifnum\value{endorsers}>2\relax%
248   \@namedef{hep@endorser@sep\number\c@endorsers}{\Authands}%
249 \fi%
250 \newaffilfalse%
251 }

```

```

\endorserfont
\preendorser
\postendorser

```

```

252 \let\hep@endorser@font\relax
253 \def\endorserfont#1{\def\hep@endorser@font{#1}}
254 \newcommand{\preendorser}[1]{\def\hep@pre@endorser{#1}}
255 \newcommand{\postendorser}[1]{\def\hep@post@endorser{#1}}
256 \def\endorsertitle#1#2{
257   \def\hep@endorser@title{#1}
258   \def\hep@endorser@title@pl{#2}
259 }

```

```

\endorsertitlefont
\preendorsertitle
\postendorsertitle

```

```

260 \def\endorsertitlefont#1{\def\hep@endorser@title@font{#1}}
261 \newcommand{\preendorsertitle}[1]{\def\hep@pre@endorser@title{#1}}
262 \newcommand{\postendorsertitle}[1]{\def\hep@post@endorser@title{#1}}
263 \endorsertitle{Endorser}{Endorsers}
264 \endorsertitlefont{\itshape}
265 \preendorsertitle{\hep@endorser@title@font}
266 \postendorsertitle{: }
267 \preendorser{%
268   \begin{center}%
269     \large\hep@endorser@font\lineskip.5em%
270     \begin{tabular}[t]{c}{%

```

```

271     \hep@pre@endorser@title%
272     \ifnum\value{endorsers}>1\relax%
273     \hep@endorser@title@pl%
274     \else%
275     \hep@endorser@title%
276     \fi%
277     \hep@post@endorser@title%
278 }%
279 }
280 \postendorser{\end{tabular}\par\end{center}}

```

#### A.2.4 Affiliation

Patch the `\affiliation` macro to comply with the label ref system.

```

281 \newcounter{affiliation}
282 \renewcommand{\theaffiliation}{%
283   \textsuperscript{\normalfont\alph{affiliation}}%
284 }
285 \xpatchcmd{\affil}{%
286   \AB@affilnote{\AB@note}%
287 }{%
288   \protect\refstepcounter{affiliation}\protect\label{\AB@note}%
289   \if\relax#1\relax\else\protect\theaffiliation\fi%
290 }{}{}

```

`\affiliationfont` Allow to change the fontface of affiliation.

```

291 \let\hep@affiliation@font\relax
292 \newcommand{\affiliationfont}[1]{\def\hep@affiliation@font{#1}}
293 % \newif\ifhep@lining\hep@liningtrue
294 % \ifhep@lining
295 \renewcommand{\Affilfont}{\small\hep@affiliation@font}
296 % \else
297 % \renewcommand{\Affilfont}{\small\ostyle\hep@affiliation@font}
298 % \fi

```

`\affiliation` Define the `\affiliation` macro, ensure that linebreaks happen after a comma.

```

299 \newcommand\hep@penalty{\if@twocolumn85\else50\fi}
300 \newcommand\hep@active@comma{,\penalty-\hep@penalty\relax}
301 \newcommand\hep@cat@comma@active{\catcode'\,\active}
302 {\hep@cat@comma@active\gdef,\hep@active@comma}
303 \newcommand\hep@affil[1]{%
304   \endgroup\@flushglue=0pt plus .5\linewidth\affil{#1}%
305 }
306 \def\hep@affil@opt[#1]#2{%
307   \endgroup\@flushglue=0pt plus .5\linewidth\affil[#1]{#2}%
308 }
309 \DeclareRobustCommand\hep@affiliation{%

```

```

310 \@ifnextchar[{\hep@affil@opt}{\hep@affil}%
311 }
312 \newcommand{\affiliation}{%
313 \begingroup\hep@cat@comma@active\hep@affiliation%
314 }

```

Place endorser and affiliation

```

315 \renewcommand{\maketitlehookc}{%
316 \ifx\hep@endorserlist\AB@empty\else%
317 \hep@pre@endorser\hep@endorserlist\hep@post@endorser%
318 \fi
319 % \[\affilsep]
320 \ifx\AB@affillist\AB@empty\else%
321 \ifnum\value{affil}>\value{Maxaffil}
322 \begin{center}\AB@affillist\end{center}%
323 \fi%
324 \fi%
325 }

```

`\@author` Ensure that affiliation is not set directly below author

```

326 \def\@author{%
327 \ifx\AB@affillist\AB@empty%
328 \AB@author%
329 \else%
330 \ifnum\value{affil}>\value{Maxaffil}
331 \def\rlap##1{##1}%
332 \AB@authlist%
333 % \[\affilsep]\AB@affillist%
334 \else%
335 \AB@authors%
336 \fi%
337 \fi%
338 }

```

## A.3 Date and Abstract

### A.3.1 Date

`\date` Allow absent date field.

```
339 \date{\vspace{-4ex}}
```

`\datefont` Allow to change the fontface of the individual parts of the title.

```

340 \let\hep@date@font\relax
341 \newcommand{\datefont}[1]{\def\hep@date@font{#1}}

```

Set the default date fontface.

```

342 \predate{\begin{center}\hep@date@font}
343 \postdate{\par\end{center}}

```

### A.3.2 Abstract

`abstract` (*env.*) Adjust the abstract environment to not start with indentation.

```

344 \@ifundefined{abstract}{}{%
345   \let\hep@abstract\abstract%
346   \renewcommand\abstract{\hep@abstract\noindent\ignorespaces}%
347   \let\hep@key@words\relax
348   \newcommand{\keywords}[1]{\def\hep@key@words{#1}}
349   \AtBeginDocument{\@ifundefined{hep@key@words}{}{%
350     \let\hep@end@abstract\endabstract%
351     \renewcommand\endabstract{
352       \par\medskip\noindent\textit{Keywords: \hep@key@words}%
353       \hep@end@abstract%
354     }%
355   }}

```

`abstract*` (*env.*) Add a `abstract*` environment for two column mode taking also care of placing the title using the `ENVIRON` [8] and `ABSTRACT` [9] packages.

```

356   \if@twocolumn
357     \RequirePackage{environ}
358     \RequirePackage{abstract}
359     \renewcommand{\abstitlekip}{-3ex}
360     \NewEnviron{abstract*}{%
361       \twocolumn[\maketitle\vspace{-5ex}%
362       \begin{onecolabstract}\noindent\BODY\end{onecolabstract}%
363       \vspace{.5cm}]\saythanks%
364     }%
365   \else
366     \newenvironment{abstract*}{%
367       \maketitle\begin{abstract}%
368     }{%
369       \end{abstract}%
370     }
371   \fi
372 }

```

### A.4 Thanks

`\thanks` Redefine `thank` to have a optional argument for a reference label.

```

373 \let\hep@thanks\thanks
374 \AtEndDocument{\let\thanks\hep@thanks}
375 \DeclareRobustCommand\thanks[2] []{%
376   \AfterEndPreamble{%
377     \if\relax#1\relax%

```

```

378     \footnotemark%
379 \else%
380     \renewcommand\thefootnote{\textsuperscript{\@fnsymbol\c@footnote}}%
381     \protect\refstepcounter{footnote}\protect\label{#1}%
382     \renewcommand\thefootnote{\@arabic\c@footnote}%
383 \fi%
384 \protected@xdef\@thanks{%
385     \@thanks\protect\footnotetext[\the\c@footnote]{#2}%
386 }
387 \if@twocolumn
388     \protected@xdef\@bs@thanks{%
389         \@bs@thanks\protect\footnotetext[\the\c@footnote]{#2}%
390     }%
391 \fi%
392 }%
393 }

```

</package>

## B Test

<\*testone|testtwo>

```

394 %<testone>\documentclass{article}
395 %<testtwo>\documentclass[twocolumn]{article}
396
397 %% \usepackage[lang=english]{hep-paper}
398 \usepackage[math]{blindtext}
399 \usepackage{hep-title}
400 \usepackage{hyperref}
401 \def\BackrefFootnoteTag{}\usepackage{footnotebackref}
402
403 \preprint{Preprint}
404
405 \series{Series}
406
407 \title{Title}
408
409 \subtitle{Subtitle}
410
411 \editor[one]{First Editor}
412 \editor[one,two,second]{Second Editor}
413 \email[second]{second@mail.com}
414 \editor[one,two,three]{Third Editor \email{third@mail.com}}
415
416 \author[three,four]{First Author}
417 \author[fourth,two,four,thanks]{Second Author}
418 \email[fourth]{fifth@mail.com}
419 \thanks[thanks]{Thanks}
420 \author[two,three,four]{Third Author \email{sixth@mail.com}}

```

```

421 \author{Fourth Author}
422
423 \endorser[four]{First Endorser}
424 \endorser[five]{Second Endorser}
425 \endorser{Third Endorser}
426
427 \affiliation[one]{First Affiliation}
428 \affiliation[two]{Second Affiliation}
429 \affiliation[three]{Third Affiliation}
430 \affiliation[four]{Fourth Affiliation}
431 \affiliation[five]{Fifth Affiliation}
432
433 \date{Date}
434
435 \keywords{Keyword 1, keyword 2, keyword 3}
436
437 \begin{document}
438 %<testone>
439 %<testone> \maketitle
440
441 %<testone>\begin{abstract}
442 %<testtwo>\begin{abstract*}
443 \blindtext
444 %<testone>\end{abstract}
445 %<testtwo>\end{abstract*}
446
447 \noindent First page footnote.\footnote{Footnote}
448
449 \blinddocument
450
451 \end{document}

</testone|testtwo>

```

## C Readme

```
<*readme>
```

```

452 # The 'hep-title' package
453
454 Extensions for the title page
455
456 ## Introduction
457
458 The 'hep-title' package extends the title macros of the standard classes with macros for
459
460 To use the 'hep-title' package include it with '\usepackage{hep-title}'.
461
462 ## Author
463

```

464 Jan Hajer

465

466 ## License

467

468 This file may be distributed and/or modified under the conditions of the ‘LaTeX’ Project

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

</readme>

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