

# 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 `\title` `\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.

`\subtitle`

### 1.2 Authors

`\seriesfont` `\titlefont` 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 `\subtitlefont` affiliation macro takes the corresponding label `\affiliation[<label>]{<institution>}`. Additionally, the `\author` `\email{<email>}` macro places a link containing the email in typewrite font into a footnote. `\authorfont` The fonts can be adjusted using the `\authorfont{<font>}` and `\affiliationfont{<font>}` macros. `\email` The following lines add e.g. two authors with different affiliations

`\affiliation` `\author[affil1]{Author one \email{email one}}`

`\affiliation` `\affiliation[affil1]{Affiliation one}`

`\affiliationfont` `\author[affil2]{Author two \email{email two}}`

`\affiliationfont` `\affiliation[affil1,affil2]{Affiliation two}`

`\editor` Additionally the `\editor[<label>]{<name>}` and `\endorser[<label>]{<name>}` macros are provided

`\endorser` that act similar to the `\author[<label>]{<name>}` macros but place their content in a dedicated line. Their font can be adjusted by the `\editorfont{<font>}` and `\endorserfont{<font>}`.

`\editorfont` The titles of these lines can be adjusted using the `\editortitle{<singular>}{<plural>}` and

`\endorserfont` 

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\*This document corresponds to HEP-TITLE v1.2.

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`\endorsertitle`

`\editortitlefont`

`\endorsertitlefont`

`\endorsertitle{singular}{plural}` macros. Their font can be adjust with the `\editortitlefont{font}` and `\endorsertitlefont{font}`.

### 1.3 Abstract

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

### 1.4 Preprint

`\preprint` The `\preprint{numer}` macro places a pre-print number in the upper right corner 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 the `\url` macros.  
`\email` 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 \pretitle{\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\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{\preditor}[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 \preditor{%
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     }%
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{%
202   \@ifnextchar[{\hep@endorser}{\hep@@endorser}%
203 }
204 \def\hep@@endorser[#1]#2{\hep@@@endorser[#1]{#2}}
205 \def\hep@@@endorser#1{\hep@@@endorser{#1}}
206 \newcommand\hep@@@endorser[2][ ]{%
207   \ifnewaffil%
208     \addtocounter{affil}{1}%
209     \edef\AB@thenote{\arabic{affil}}%
210   \fi%
211   \if\relax#1\relax%
212     \def\AB@note{\AB@thenote}%
213   \else%
214     \def\AB@note{#1}\setcounter{Maxaffil}{0}%
215   \fi%
216   \ifnum\value{endorsers}>1\relax%
217     \@namedef{hep@endorser@sep\number\c@endorsers}{\Authsep}%
218   \fi%
219   \addtocounter{endorsers}{1}%
220   \begingroup%
221     \let\protect\@unexpandable@protect \let\and\AB@pand%
222     \def\thanks{\protect\thanks}\def\footnote{\protect\footnote}%
223     \@temptokena=\expandafter{\hep@endorsers}{%
224       \def\{ {%
225         \protect\[\@affilsep]\protect\Affilfont\protect\AB@resetsep%
226       }%
227       \xdef\hep@endorser{\AB@blk@and#2}%
228       \ifnewaffil%
229         \gdef\AB@las{\gdef\AB@lasx{\protect\Authand}\gdef\AB@as{}%
230         \xdef\hep@endorsers{\the\@temptokena\AB@blk@and}%
231       \else%
232         \xdef\hep@endorsers{\the\@temptokena\AB@as\AB@au@str}%
233         \global\let\AB@las\AB@lasx\gdef\AB@lasx{\protect\Authands}%
234         \gdef\AB@as{\Authsep}%
235       \fi%
236       \gdef\AB@au@str{#2}%
237     }%
238     \@temptokena=\expandafter{\hep@endorserlist}%
239     \let\=\endorsercr%
240     \xdef\hep@endorserlist{%
241       \the\@temptokena%
242       \protect\@nameuse{hep@endorser@sep\number\c@endorsers}%
243       \protect\Authfont#2%
244       \if\relax#1\relax\else%

```

```

245     \protect\hep@multi@ref{\AB@note}%
246     \fi%
247   }%
248 \endgroup%
249 \ifnum\value{endorsers}>2\relax%
250   \@namedef{hep@endorser@sep\number\c@endorsers}{\Authands}%
251   \fi%
252 \newaffilfalse%
253 }

```

```

\endorserfont
\preendorser
\postendorser 254 \let\hep@endorser@font\relax
255 \def\endorserfont#1{\def\hep@endorser@font{#1}}
256 \newcommand{\preendorser}[1]{\def\hep@pre@endorser{#1}}
257 \newcommand{\postendorser}[1]{\def\hep@post@endorser{#1}}
258 \def\endorsertitle#1#2{
259   \def\hep@endorser@title{#1}
260   \def\hep@endorser@title@pl{#2}
261 }

```

```

\endorsertitlefont
\preendorsertitle
\postendorsertitle 262 \def\endorsertitlefont#1{\def\hep@endorser@title@font{#1}}
263 \newcommand{\preendorsertitle}[1]{\def\hep@pre@endorser@title{#1}}
264 \newcommand{\postendorsertitle}[1]{\def\hep@post@endorser@title{#1}}
265 \endorsertitle{Endorser}{Endorsers}
266 \endorsertitlefont{\itshape}
267 \preendorsertitle{\hep@endorser@title@font}
268 \postendorsertitle{: }
269 \preendorser{%
270   \begin{center}%
271     \large\hep@endorser@font\lineskip.5em%
272     \begin{tabular}[t]{c}{%
273       \hep@pre@endorser@title%
274       \ifnum\value{endorsers}>1\relax%
275         \hep@endorser@title@pl%
276       \else%
277         \hep@endorser@title%
278       \fi%
279       \hep@post@endorser@title%
280     }%
281   }
282 \postendorser{\end{tabular}\par\end{center}}

```

#### A.2.4 Affiliation

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

```

283 \newcounter{affiliation}
284 \renewcommand{\theaffiliation}{%
285   \textsuperscript{\normalfont\alph{affiliation}}%

```

```

286 }
287 \xpatchcmd{\affil}{%
288   \AB@affilnote{\AB@note}%
289 }{%
290   \protect\refstepcounter{affiliation}\protect\label{\AB@note}%
291   \if\relax#1\relax\else\protect\theaffiliation\fi%
292 }{}{}

```

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

```

293 \let\hep@affiliation@font\relax
294 \newcommand{\affiliationfont}[1]{\def\hep@affiliation@font{#1}}
295 % \newif\ifhep@lining\hep@liningtrue
296 % \ifhep@lining
297   \renewcommand{\Affilfont}{\small\hep@affiliation@font}
298 % \else
299 %   \renewcommand{\Affilfont}{\small\ostyle\hep@affiliation@font}
300 % \fi

```

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

```

301 \newcommand\hep@penalty{\if@twocolumn85\else50\fi}
302 \newcommand\hep@active@comma{,\penalty-\hep@penalty\relax}
303 \newcommand\hep@cat@comma@active{\catcode'\, \active}
304 {\hep@cat@comma@active\gdef,{\hep@active@comma}}
305 \newcommand\hep@affil[1]{%
306   \endgroup\@flushglue=0pt plus .5\linewidth\affil{#1}%
307 }
308 \def\hep@affil@opt[#1]#2{%
309   \endgroup\@flushglue=0pt plus .5\linewidth\affil[#1]{#2}%
310 }
311 \DeclareRobustCommand\hep@affiliation{%
312   \@ifnextchar[{\hep@affil@opt}{\hep@affil}%
313 }
314 \newcommand{\affiliation}{%
315   \begingroup\hep@cat@comma@active\hep@affiliation%
316 }

```

Place endorser and affiliation

```

317 \renewcommand{\maketitlehookc}{%
318   \ifx\hep@endorserlist\AB@empty\else%
319     \hep@pre@endorser\hep@endorserlist\hep@post@endorser%
320   \fi
321 %   \[\affilsep]
322   \ifx\AB@affillist\AB@empty\else%
323     \ifnum\value{affil}>\value{Maxaffil}
324       \begin{center}\AB@affillist\end{center}%
325     \fi%
326   \fi%
327 }

```

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

```
328 \def\@author{%
329   \ifx\AB@affillist\AB@empty%
330     \AB@author%
331   \else%
332     \ifnum\value{affil}>\value{Maxaffil}
333       \def\rlap##1{##1}%
334       \AB@authlist%
335 %     \[\affilsep]\AB@affillist%
336   \else%
337     \AB@authors%
338   \fi%
339 \fi%
340 }
```

## A.3 Date and Abstract

### A.3.1 Date

`\date` Allow absent date field.

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

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

```
342 \let\hep@date@font\relax
343 \newcommand{\datefont}[1]{\def\hep@date@font{#1}}
```

Set the default date fontface.

```
344 \predate{\begin{center}\hep@date@font}
345 \postdate{\par\end{center}}
```

### A.3.2 Abstract

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

```
346 \@ifundefined{abstract}{}{%
347   \let\hep@abstract\abstract%
348   \renewcommand\abstract{\hep@abstract\noindent\ignorespaces}%
349   \let\hep@key@words\relax
350   \newcommand{\keywords}[1]{\def\hep@key@words{#1}}
351   \AtBeginDocument{\@ifundefined{hep@key@words}{}{%
352     \let\hep@end@abstract\endabstract%
353     \renewcommand\endabstract{
354       \par\medskip\noindent\textit{Keywords: \hep@key@words}%
355       \hep@end@abstract%
356     }%
357   }}
```

**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.

```
358 \if@twocolumn
359   \RequirePackage{environ}
360   \RequirePackage{abstract}
361   \renewcommand{\abstitlekip}{-3ex}
362   \NewEnviron{abstract*}{%
363     \twocolumn[\maketitle\vspace{-5ex}]%
364     \begin{onecolabstract}\noindent\BODY\end{onecolabstract}%
365     \vspace{.5cm}]\saythanks%
366   }%
367 \else
368   \newenvironment{abstract*}{%
369     \maketitle\begin{abstract}%
370   }{%
371     \end{abstract}%
372   }
373 \fi
374 }
```

## A.4 Thanks

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

```
375 \let\hep@thanks\thanks
376 \AtEndDocument{\let\thanks\hep@thanks}
377 \DeclareRobustCommand\thanks[2] [] {%
378   \AfterEndPreamble{%
379     \if\relax#1\relax%
380       \footnotemark%
381     \else%
382       \renewcommand\thefootnote{\textsuperscript{\@fnsymbol\c@footnote}}%
383       \protect\refstepcounter{footnote}\protect\label{#1}%
384       \renewcommand\thefootnote{\@arabic\c@footnote}%
385     \fi%
386     \protected@xdef\@thanks{%
387       \@thanks\protect\footnotetext[\the\c@footnote]{#2}%
388     }
389     \if@twocolumn
390       \protected@xdef\@bs@thanks{%
391         \@bs@thanks\protect\footnotetext[\the\c@footnote]{#2}%
392       }%
393     \fi%
394   }%
395 }
```

</package>

## B Test

```
<*testone|testtwo>

396 %<testone>\documentclass{article}
397 %<testtwo>\documentclass[twocolumn]{article}
398
399 %% \usepackage[lang=english]{hep-paper}
400 \usepackage[math]{blindtext}
401 \usepackage{hep-title}
402 \usepackage{hyperref}
403 \def\BackrefFootnoteTag{}\usepackage{footnotebackref}
404
405 \preprint{Preprint}
406
407 \series{Series}
408
409 \title{Title}
410
411 \subtitle{Subtitle}
412
413 \editor[one]{First Editor}
414 \editor[one,two,second]{Second Editor}
415 \email[second]{second@mail.com}
416 \editor[one,two,three]{Third Editor \email{third@mail.com}}
417
418 \author[three,four]{First Author}
419 \author[fourth,two,four,thanks]{Second Author}
420 \email[fourth]{fifth@mail.com}
421 \thanks[thanks]{Thanks}
422 \author[two,three,four]{Third Author \email{sixth@mail.com}}
423 \author{Fourth Author}
424
425 \endorser[four]{First Endorser}
426 \endorser[five]{Second Endorser}
427 \endorser{Third Endorser}
428
429 \affiliation[one]{First Affiliation}
430 \affiliation[two]{Second Affiliation}
431 \affiliation[three]{Third Affiliation}
432 \affiliation[four]{Fourth Affiliation}
433 \affiliation[five]{Fifth Affiliation}
434
435 \date{Date}
436
437 \keywords{Keyword 1, keyword 2, keyword 3}
438
439 \begin{document}
440 %<testone>
441 %<testone> \maketitle
442
```

```

443 %<testone>\begin{abstract}
444 %<testtwo>\begin{abstract*}
445 \blindtext
446 %<testone>\end{abstract}
447 %<testtwo>\end{abstract*}
448
449 \noindent First page footnote.\footnote{Footnote}
450
451 \blinddocument
452
453 \end{document}
</testone|testtwo>

```

## C Readme

```
<*readme>
```

```

454 # The ‘hep-title’ package
455
456 Extensions for the title page
457
458 ## Introduction
459
460 The ‘hep-title’ package extends the title macros of the standard classes
461 with macros for a preprint, affiliation, editors, and endorsers.
462
463 To use the ‘hep-title’ package include it with ‘\usepackage{hep-title}’.
464
465 ## Author
466
467 Jan Hajer
468
469 ## License
470
471 This file may be distributed and/or modified under the conditions of the
472 ‘LaTeX’ Project Public License, either version 1.3c of this license or
473 (at your option) any later version. The latest version of this license is
474 in ‘http://www.latex-project.org/lppl.txt’ and version 1.3c or later is
475 part of all distributions of LaTeX version 2005/12/01 or later.
</readme>

```

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