

# tubshead – Kopfzeilen-Definitionen für *tubslatex*\*

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November 30, 2020

## 1 Implementation

```
1 < *option>
'sender'
2 \newif\iftubs@bottomsender\tubs@bottomsenderfalse
3 <class>\define@choicekey{\tubsClassName.cls}{sender}{\val\nr}{top,bottom}{%
4 <package>\define@choicekey{tubsdoc.sty}{sender}{\val\nr}{top,bottom}{%
5   \ifcase\nr\relax
6     \tubs@bottomsenderfalse
7   \or
8     \tubs@bottomsendertrue
9   \fi
10 }
11 </option>
12 < *body>
    Setzt das Standard-Aussehen der Kopfzeile fuer Pagestyle scrheadings
13 % \PassOptionsToPackage{headsepline}{scrlayer-scrpage}
14 \PassOptionsToPackage{olines}{scrlayer-scrpage}
15 \RequirePackage{scrlayer-scrpage}
16 %
17 \AtBeginDocument{\pagestyle{scrheadings}}
```

### 1.1 Benutzerbefehle

```
\headsepline
18 \newcommand\headsepline{\rule{25pt}{1pt}}

\innerhead [right]{left} Umdefinierte Makros zur Darstellung von Inhalten in Kopf- bzw.
Fußzeile.
19 \providecommand*{\Ifthispageodd}{\ifthispageodd}%
```

---

\*This document corresponds to tubshead ?, dated ?.

```

20 \newcommand{\innerhead}[2][]{%
21   % Benutze optionale Einstellung für linke Seite, falls vorhanden
22   \def\tubs@linnerh{#2}%
23   \ifx#1\relax%
24     \let\tubs@rinnerh\tubs@linnerh%
25   \else%
26     \def\tubs@rinnerh{#1}%
27   \fi%
28   %
29   \ifthenelse{\equal{#2}{}}{%
30     \let\@iheadsepline\relax%
31   }{%
32     \let\@iheadsepline\headsepline%
33   }%
34   \iftubs@bottomsender\else%
35     \newdimen\tubs@headheight%
36     \setlength\tubs@headheight{\headheight}%
37     \addtolength\tubs@headheight{-2pt}%
38     % Set left inner head
39     \lohead{%
40       \vtop to\tubs@headheight{%
41         \boxmaxdepth=0pt%
42         \strut{\vbox to 4ex{}}%
43         \tubs@linnerh%
44         \vfil%
45       }%
46     }%
47     % Set right inner head
48     \rehead{%
49       \vtop to\tubs@headheight{%
50         \boxmaxdepth=0pt%
51         \strut{\vbox to 4ex{}}%
52         \tubs@rinnerh%
53         \vfil%
54       }%
55     }
56   \fi%
57 }

\innerfoot [\langle right\rangle]{\langle left\rangle}

58 \newcommand{\innerfoot}[2][]{%
59   % Benutze optionale Einstellung für linke Seite, falls vorhanden
60   \def\tubs@linnerf{#2}%
61   \ifx#1\relax%
62     \let\tubs@rinnerf\tubs@linnerf%
63   \else%
64     \def\tubs@rinnerf{#1}%
65   \fi%
66   %
67   \ifthenelse{\equal{#2}{}}{%

```

```

68   \let\@iheadsepline\relax%
69 }{%
70   \let\@iheadsepline\headsepline%
71 }%
72 \iftubs@bottomsender%
73   % Set left inner foot
74   \lofoot{%
75     \raisebox{\tubspage@headheight+\depth}{%
76       \vbox to\tubspage@headheight{%
77         \vfill\vspace*{1ex}\strut%
78         \@tubs@linnerf
79         \vspace*{-1.5ex}\linebreak%
80         \@iheadsepline\vspace*{1ex}%
81       }%
82     }%
83   }%
84   % Set right inner foot
85   \refoot{%
86     \raisebox{\tubspage@headheight+\depth}{%
87       \vbox to\tubspage@headheight{%
88         \vfill\vspace*{1ex}\strut%
89         \@tubs@rinnerf
90         \vspace*{-1.5ex}\linebreak%
91         \@iheadsepline\vspace*{1ex}%
92       }%
93     }%
94   }%
95 \else\fi%
96 }

\innersender  [⟨right⟩]{⟨left⟩}
97 \newcommand{\innersender}[2][ ]{%
98   \iftubs@bottomsender%
99     \innerfoot[#1]{#2}%
100  \else%
101    \innerhead[#1]{#2}%
102  \fi%
103 }

\outerhead  [⟨left⟩]{⟨right⟩}
104 \newcommand{\outerhead}[2][\relax]{%
105   % Benutze optionale Einstellung für linke Seite, falls vorhanden
106   \def\@tubs@routerh{#2}%
107   \ifx#1\relax%
108     \let\@tubs@louterh\@tubs@routerh%
109   \else%
110     \def\@tubs@louterh{#1}%
111   \fi%
112   %
113   \ifthenelse{\equal{#2}{}}{%

```

```

114 \let\@oheadsepline\relax%
115 }{%
116 \let\@oheadsepline\headsepline%
117 }%
118 \iftubs@bottomsender\else%
119 \newdimen\@tubs@headheight%
120 \setlength\@tubs@headheight{\headheight}%
121 \addtolength\@tubs@headheight{-\sls@headabove@linethickness}
122 \addtolength\@tubs@headheight{-1pt}
123 % Set left outer head
124 \lehead{%
125 \vtop to\@tubs@headheight{%
126 \boxmaxdepth=0pt%
127 \strut{\vbox to 4ex{}}}%
128 \@tubs@louterh
129 \vfil%
130 }%
131 }
132 % Set right outer head
133 \rohead{%
134 \vtop to\@tubs@headheight{%
135 \boxmaxdepth=0pt%
136 \strut{\vbox to 4ex{}}}%
137 \@tubs@routerh
138 \vfil%
139 }%
140 }
141 \fi%
142 }%

\outerfoot [left]{right}

143 \newcommand{\outerfoot}[2][]{%
144 % Benutze optionale Einstellung für linke Seite, falls vorhanden
145 \def\@tubs@routerf{#2}%
146 \ifx#1\relax%
147 \let\@tubs@louterf\@tubs@routerf%
148 \else%
149 \def\@tubs@louterf{#1}%
150 \fi%
151 %
152 \ifthenelse{\equal{#2}{}}{%
153 \let\@oheadsepline\relax%
154 }{%
155 \let\@oheadsepline\headsepline%
156 }%
157 \iftubs@bottomsender%
158 % Set left outer foot
159 \lefoot{%
160 \raisebox{\tubspage@headheight+\depth}{%
161 \vbox to\tubspage@headheight{%

```

```

162         \vfill\vspace*{\baselineskip}\strut%
163         \@tubs@louterf
164         \vspace*{-1.5ex}\linebreak%
165         \@oheadsepline\vspace*{1ex}%
166     }%
167 }%
168 }%
169 % Set right outer foot
170 \rofoot{%
171     \raisebox{\tubspage@headheight+\depth}{%
172         \vbox to\tubspage@headheight{%
173             \vfill\vspace*{\baselineskip}\strut%
174             \@tubs@routerf
175             \vspace*{-1.5ex}\linebreak%
176             \@oheadsepline\vspace*{1ex}%
177         }%
178     }%
179 }%
180 \else\fi%
181 }

```

`\outersender` [*left*][*right*]

```

182 \newcommand{\outersender}[2][]{%
183     \iftubs@bottomsender%
184         \outerfoot[#1]{#2}%
185     \else%
186         \outerhead[#1]{#2}%
187     \fi%
188 }

```

## 1.2 Darstellung

Lösche Headings und footer bei Stilen `scrheadings` und `plain`

```

189 \clearscrheadings
190 \clearscrplain

```

Breite des Kopfbereiches einstellen

```

191 \setheadwidth[-1in-\offset-\oddsidemargin+\tubspage@bcor+2\tubsborderwidth]{\paperwidth-4\tubs

```

Liniendarstellung und Font-Einstellungen

```

192 \iftubs@bottomsender\else%
193     \ifthenelse{\isundefined{\KOMAOPTIONS}}{%
194         \setheadtopline[\tubsborderwidth]{1pt}[]
195     }{%
196         \KOMAOPTIONS{headtopline=1pt:\tubsborderwidth}
197     }
198 \fi%
199 %

```

Inhalt der Kopf-/Fußzeilen festlegen

```

200 <report | book>\automark[chapter]{section}
201 <article>\automark[section]{subsection}
202 \innersender[\leftmark]{ }
203 \outersender[\pagemark]{\rightmark\quad\pagemark}

```

\cleartubsheadings

```

204 \newcommand{\cleartubsheadings}{%
205   \innersender{}\innerfoot{}\outerhead{}\outerfoot{}%
206 }

```

NOTE: wird noch nicht verwendet!

```

207 \newpagestyle{@tubsheadings}
208 {%
209   {%
210     \rlap{\parbox{\@headwidth}{\raggedright
211       \strut\tubsheadings@even@left@head\strut}}}%
212     \hfill
213     \llap{\parbox{\@headwidth}{\raggedleft%
214       \strut\tubsheadings@even@right@head\strut}}}%
215   {%
216     \rlap{\parbox{\@headwidth}{\raggedright
217       \strut\tubsheadings@odd@left@head\strut}}}%
218     \hfill
219     \llap{\parbox{\@headwidth}{\raggedleft%
220       \strut\tubsheadings@odd@right@head\strut}}}%
221   {%
222     \rlap{\parbox{\@headwidth}{\raggedright
223       \strut\tubsheadings@odd@left@head\strut}}}%
224     \hfill
225     \llap{\parbox{\@headwidth}{\raggedleft
226       \strut\tubsheadings@odd@right@head\strut}}}%
227   {%
228     {%
229       \rlap{\parbox{\@footwidth}{\raggedright
230         \strut\tubsheadings@even@left@foot\strut}}}%
231       \hfill
232       \parbox{\@footwidth}{\centering
233         \strut\tubsheadings@even@middle@foot\strut}%
234       \hfill
235       \llap{\parbox{\@footwidth}{\raggedleft
236         \strut\tubsheadings@even@right@foot\strut}}}%
237     {%
238       \rlap{\parbox{\@footwidth}{\raggedright
239         \strut\tubsheadings@odd@left@foot\strut}}}%
240       \hfill
241       \parbox{\@footwidth}{\centering
242         \strut\tubsheadings@odd@middle@foot\strut}%
243       \hfill
244       \llap{\parbox{\@footwidth}{\raggedleft
245         \strut\tubsheadings@odd@right@foot\strut}}}%

```

```

246  {%
247    \rlap{\parbox{\@footwidth}{\raggedright
248      \strut\tubsheadings@odd@left@foot\strut}}}%
249    \hfill
250    \parbox{\@footwidth}{\centering
251      \strut\tubsheadings@odd@middle@foot\strut}}%
252    \hfill
253    \llap{\parbox{\@footwidth}{\raggedleft
254      \strut\tubsheadings@odd@right@foot\strut}}}%
255  }%
256 }
257 </body>

```