

tubsfont – Font-Definitionen für tubs_{latex}*

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Abstract

Schrift-Definitionen für alle tubs_{latex}-Dokumentenklassen und -Pakete.

1 Implementierung

1.1 Optionen

`1 <*option>`

`'fontsize'` foo

```
2 \newcommand\tubs@fontsize{11pt}  
3 \DeclareOptionX{fontsize}{%  
4   \renewcommand\tubs@fontsize{#1}  
5 }
```

`'colorheadings'` Stellt Überschriften in Farbe des aktuellen Sekundärfarbklangs oder in angegebener Farbe dar.

```
6 \newcommand\headingscolor{tuBlack}  
7 \newcommand\tubs@fontcolor[1]{}  
8 \DeclareOptionX{colorheadings}[tuSecondary]{%  
9   \renewcommand\headingscolor{#1}  
10  \renewcommand\tubs@fontcolor[1]{\color{#1}}  
11 }
```

`'smallchapters'` Reduziert die Schriftgröße von Überschriften (chapter)

```
12 \newif\if@tubs@tf@smallchap\tubs@tf@smallchapfalse  
13 \DeclareOptionX{smallchapters}{%  
14   \@tubs@tf@smallchaptrue  
15 }
```

*This document corresponds to tubsfont ?, dated ?.

```
16 </option>
```

```
17 <*body>
```

Lade Nexus-Schrift

```
18 \RequirePackage{nexus}
19 \RequirePackage{xcolor}
20 \colorlet{tubsheadings}{\headingscolor}
```

1.2 Eigene Font-Definitionsbefehle

`\newtubsfont` Erstellt Koma-Font nur, wenn dieser noch nicht existiert, ansonsten wird der bestehende Koma-Font neu gesetzt

```
21 \newcommand\newtubsfont[3][\relax]{%
22   \@ifundefined{scr@fnt@#2}{%
23     \newkomafont[#1]{#2}{#3}%
24   }{%
25     \setkomafont{#2}{#3}%
26   }%
27 }
```

`\addtotubsfont` Hängt Definitionen nur an, wenn entsprechender Koma-Font existiert, ansonsten wird ignoriert.

```
28 \newcommand*\addtotubsfont[2]{%
29   \@ifundefined{scr@fnt@#1}{%
30     \addtokomafont{#1}{#2}%
31   }%
32 }
```

`\settubsfont` Aliase für weitere Koma-Font-Befehle

```
\usetubsfont
33 \let\settubsfont\newtubsfont
34 \let\usetubsfont\usekomafont
```

1.3 Fonts laden

```
35 <*package | leaflet>
36 \let\sectfont\relax
37 \@ifundefined{KOMAClassName}{% skip for latex classes
38   \RequirePackage{scrbase}
39   \RequirePackage{scrextend}
40 }{%
41 % (c) by Markus Kohm
42 \newcommand\loadkomafont[1]{
43   \expandafter\defaultunits\expandafter\@tempdima#1 pt\relax\@nnil
```

```

44 \edef\@tempa{#1}%
45 \setlength{\@tempdimb}{\@tempdima}%
46 \edef\@tempb{\strip@pt\@tempdimb}%
47 \addtolength{\@tempdimb}{-10\p}%
48 \edef\@ptsize{\strip@pt\@tempdimb}%
49 \edef\@tempa{%
50   \noexpand\makeatletter
51   \noexpand\InputIfFileExists{\@fontsizefilebase\@tempa.clo}{%
52     \noexpand\ClassInfo{\KOMAClassName}{%
53       File '\@fontsizefilebase\@tempa.clo' used to setup font sizes}%
54     }{%
55       \noexpand\InputIfFileExists{\@fontsizefilebase\@tempb pt.clo}{%
56         \noexpand\ClassInfo{\KOMAClassName}{%
57           File '\@fontsizefilebase\@tempb pt.clo' used instead of%
58           \noexpand\MessageBreak
59           file '\@fontsizefilebase\@tempa.clo' to setup font sizes}%
60         }{%
61           \noexpand\change-font-sizes{#1}%
62         }%
63       }%
64       \noexpand\catcode'\noexpand\@=\the\catcode'\@
65     }%
66   \@tempa
67 }
68 % undef previously defined fonts TODO: does not work yet!
69 \global\let\Huge\relax
70 \global\let\huge\relax
71 \global\let\LARGE\relax
72 \global\let\Large\relax
73 \global\let\large\relax
74 \global\let\normalsize\relax
75 \global\let\small\relax
76 \global\let\footnotesize\relax
77 \global\let\scriptsize\relax
78 \@loadkomafont{tubs@font-size}
79 }
80 </package>|leaflet)
81 \newtubsfont{intro}{}

```

1.4 Font-Definitionen

absheadline Basis-Font für alle Überschriften

```
82 \newtubsfont{absheadline}{\sffamily\bfseries}
```

headline Schrifteneinstellungen für Titel Hinweis: title wird nicht von Option colorheadings beeinflusst.

```
83 \newtubsfont{title}{\usekomafont{absheadline}\Huge}
```

```
84 \newtubsfont{headline}{\usekomafont{title}\tubs@fontcolor{tubsheadings}}
```

headlinesmall	Schrifteinstellungen für kleiner Titel
	<pre> 85 \newtubsfont{headlinesmall}{\usekomafont{absheadline}\huge\tubs@fontcolor{tubsheadings}} 86 % \setkomafont{section}{\usekomafont{headlinesmall}}</pre>
subheadline subtitle	Schrifteinstellungen für Sub-Titel. Hinweis: subtitle wird nicht von Option colorheadings beeinflusst.
	<pre> 87 \newtubsfont{subtitle}{\usekomafont{absheadline}\Large} 88 \newtubsfont{subheadline}{\usekomafont{subtitle}\tubs@fontcolor{tubsheadings}}</pre>
subheadlinesmall	Schrifteinstellungen für Sub-Titel (klein)
	<pre> 89 \newtubsfont{subheadlinesmall}{\usekomafont{absheadline}\large\tubs@fontcolor{ 90 tubsheadings}}</pre>
author date institute infotext infotextitem copytext caption	Verschiedene Schriftelemente
	<pre> 91 \newtubsfont{author}{\sffamily\LARGE} 92 \newtubsfont{date}{\large} 93 \langle\newtubsfont{institute}{\sffamily\large\bfseries} 94 \langle\newtubsfont{institute}{\sffamily\fontsize{10pt}{12}\bfseries\selectfont} 95 \newtubsfont{infotext}{\large} 96 \newtubsfont{infotextitem}{\large} 97 \newtubsfont{copytext}{\normalsize} 98 \newtubsfont{caption}{\small}</pre>
pageheadfoot pagenumber	Kopf- und Fußzeile
	<pre> 99 \settubsfont{pageheadfoot}{\normalfont\mdseries\scshape} 100 \settubsfont{pagenumber}{\usekomafont{pagehead}\lnum}</pre>

1.5 Zifferndarstellung

Einige Elemente, wie Aufzählungen oder Überschriften verwenden nur Versalziffern

Fußnoten in versalziffern darstellen TODO: nur für numbers?

```

101 \deffootnotemark{\lnum\textsuperscript{\thefootnotemark}}
102 \addtotubsfont{footnote}{\lnum}% TODO (see above)
```

Versalziffern enumerations

TODO: bisher nur quick&dirty (TM)

```

103 \preto\labelenumi{\lnum}
104 \preto\labelenumii{\lnum}
105 \preto\labelenumiii{\lnum}
```

Versalziffern in part

```
106 \providecommand*{\partformat}{\partname~\lnum\thepart\autodot}
```

Versalziffern titlesec chapter

TODO: bisher nur quick&dirty (TM) Update 2020-04-29: titlesec must not be used since scrlayer-scrpage is used later in building.

```
107 <*book | report>
108 \ifthenelse{\isundefined{\RedeclareSectionCommand}}{%
109 }{%
110   \RedeclareSectionCommand[beforeskip=0pt, afterskip=30pt]{chapter}
111 }
112 </book | report>
```

Versalziffern titlesec chapter package

TODO: bisher nur quick&dirty (TM) Update 2020-04-29: titlesec must not be used since scrlayer-scrpage is used later in building.

```
113 <*package>
114 %\ifthenelse{\isundefined{\RedeclareSectionCommand}}{
115 %  \RequirePackage[compact]{titlesec}
116 %  \titleformat{\chapter}[block]
117 %    {\usekomafont{chapter}}{\lnum\thechapter}{10pt}{
118 %  \titlespacing*{\chapter}{0pt}{0pt}{30pt}
119 %}{%
120 %}
121 % TODO: Try to accomplish this in another way
122 </package>
```

Versalziffern in chapter

```
123 <*book | report | package>
124 % TODO: Behandlung von tubsdoc fehlt noch
125 \providecommand*{\chapterformat}{}%
126 \renewcommand*{\chapterformat}{%
127   \mbox{\chapappifchapterprefix\nobreakspace\lnum\thechapter\autodot\enskip}%
128 }
129 </book | report | package>
```

Versalziffern in chaptermark

```
130 <*book | report | package>
131 \providecommand*{\chaptermarkformat}{}%
132 \renewcommand*{\chaptermarkformat{\chapappifchapterprefix\ }%
133   \protect\lnum\thechapter\autodot\enskip}
134 </book | report | package>
```

Versalziffern in allen sections

```
135 \providecommand*{\@secntformat[1]}%
```

```

136 \providecommand*\othersectionlevelsformat}[3]{#3\enskip} % HERE!
137 \renewcommand*\secntformat[1]{%
138   \protect\othersectionlevelsformat{#1}{%
139     \expandafter\aftergroup\noexpand\@gobble}\protect\lnum\csname the#1\endcsname}%
140 }

```

Versalziffern in sectionmark

```

141 \providecommand*\sectionmarkformat{}%
142 % \renewcommand*\sectionmarkformat{[\protect\lnum\thesection\autodot\enskip]}%
143 \renewcommand*\sectionmarkformat{[\protect\lnum\thesection\autodot\enskip]}%

```

Versalziffern in figure

```

144 \providecommand*\figureformat{}%
145 \renewcommand*\figureformat{}%
146 \figurename~\lnum\thefigure%
147 \autodot%
148 }

```

Versalziffern in table

```

149 \providecommand*\tableformat{}%
150 \renewcommand*\tableformat{}%
151 \tablename~\lnum\thetable%
152 \autodot%
153 }

```

Versalziffern in toc

```

154 \providecommand*\numberline@prefix{}%
155 \renewcommand*\numberline@prefix{\lnum}%

```

Versalziffern in listings caption and line numbering

```

156 \AfterPackage{listings}{%
157   \AtBeginDocument{%
158     \def\fnum@lstlisting{%
159       \lstlistingname
160       \ifx\lst@caption\@empty\else~\lnum\thelstlisting\fi}%
161   }%
162 %
163   \let\@orig@lst@numberstyle\lst@numberstyle
164   \lst@AddToHook{Init}{%
165     \l@addto@macro\lst@numberstyle\lnum
166   }%
167 }%

```

Versalziffern in Tabellen

```

168 \preto\@tabular{\lnum}
169 \preto\LT@array{\lnum}

```

1.6 Dokumententstruktur Fontdefinitionen

Eliminiert den standardmäßigen Abstand über `\chapter`, da dieser aufgrund des tiefhängenden Textbereichs überflüssig ist.

```
170 < *book | report | package >
171 \newtubsfont{chapter}{\usekomafont{headlinesmall}}
172 \if@tubs@tf@smallchap
173 \addtokomafont{chapter}{\LARGE}
174 \fi
175 < /book | report | package >
176 \newtubsfont{section}{\usekomafont{subheadline}}
177 \newtubsfont{subsection}{\usekomafont{subheadlinesmall}}
178 \addtotubsfont{subsubsection}{\tubs@fontcolor{tubsheadings}}
179 \newtubsfont{intro}{\large\tubs@fontcolor{tubsheadings}}%TODO: mdseries???
```

Aufzählungszeichen werden als Quadrate dargestellt

```
180 \renewcommand{\labelitemi}{\rule[0.1em]{0.4em}{0.4em}}
181 \renewcommand{\labelitemii}{\rule[0.1em]{0.3em}{0.3em}}
```

Standardeinstellung für Poster und Flyer: kein Absatzeinzung, dafür Zeilenabstand

```
182 < *poster | leaflet >
183 \parindent0mm
184 \parskip\medskipamount
185 % \PassOptionsToPackage{}{parskip=full} ?
186 < /poster | leaflet >
```

`\@sec@cmd`

```
187 \newcommand\@sec@cmd[2]{\raggedsection\usekomafont{#1}{#2}\par}}
```

`\headline` [`\small`] {`\Text`}

`\subheadline` Darstellung von headlines und subheadlines nach CD-Vorgaben

```
188 \define@boolkey{sec@cmd}{small}[true]{}%
189 \let\headline\@undefined
190 \newcommand\headline[2][{}]{%
191   \setkeys{sec@cmd}{small=false,#1}%
192   \ifKV@sec@cmd@small
193     \@sec@cmd{headlinesmall}{#2}%
194   \else
195     \@sec@cmd{headline}{#2}%
196   \fi
197 }
198 %
199 \let\subheadline\@undefined
200 \newcommand\subheadline[2][{}]{%
```

CD-Name	Latex-Kommando
Headline (groß)	<code>\Huge</code>
Headline (klein)	<code>\huge</code>
Subheadline	<code>\Large</code>
Intro	<code>\large</code>
Copytext	<code>\normalsize</code>
Bildunterschrift	<code>\footnotesize</code>

Table 1: Allgemeines Mapping-Schema

```

201 \setkeys{sec@cmd}{small=false,#1}%
202 \ifKV@sec@cmd@small
203   \@sec@cmd{subheadlinesmall}{#2}%
204 \else
205   \@sec@cmd{subheadline}{#2}%
206 \fi
207 }
208 % \newcommand\intro[1]{%
209 %   \@sec@cmd{intro}{#1}%
210 % }

211 </body>

```

1.7 clo-Font-Definitionen

Die Font-Definitionen sind teilweise aus der memoir-Klasse geliehen. Schriftgrößen sind an den im CD festgelegten orientiert. Die genau definierten sind dabei (wenn möglich) Huge, huge, Large, large, normalsize und footnotesize. Die verbleibenden Zwischengrößen sind passen gewählt.

```

212 <*clo>

```

Definition der Größen nach Vorgabe

Für DIN A4 und A5 sind dieselben Grundgrößen definiert.

```

213 <*a4 | a5 | lang>

```

A4, A5, DIN

`\normalsize`

```

214 <*9>
215 \def\normalsize{%
216   \@setfontsize\normalsize\@ixpt\@xipt
217   \abovedisplayskip 9p@ \@plus 2p@ \@minus 4.5p@

```


CD-Name	ℒ _{TeX} -Name	9pt	10pt	11pt
Headline (groß)	\Huge	45pt	45pt	45pt
Headline (klein)	\huge	36pt	36pt	36pt
	\LARGE	27pt	27pt	27pt
Subheadline	\Large	18pt	18pt	18pt
Intro	\large	14pt	14pt	14pt
Copytext	\normalsize	9pt	10pt	11pt
	\small	8pt	9pt	10pt
Bildunterschrift	\footnotesize	7pt	8pt	9pt
	\scriptsize	6pt	7pt	8pt
	\tiny	4pt	5pt	6pt

Table 2: Schriftgrößen DIN A4

CD-Name	ℒ _{TeX} -Name	9pt	10pt	11pt
Headline (groß)	\Huge	30pt	30pt	30pt
Headline (klein)	\huge	24pt	24pt	24pt
	\LARGE	20pt	20pt	20pt
Subheadline	\Large	16pt	16pt	16pt
Intro	\large	13pt	13pt	13pt
Copytext	\normalsize	9pt	10pt	11pt
	\small	8pt	9pt	10pt
Bildunterschrift	\footnotesize	7pt	8pt	9pt
	\scriptsize	6pt	7pt	8pt
	\tiny	4pt	5pt	6pt

Table 3: Schriftgrößen DIN A5 / DIN lang

CD-Name	ℒ _{TeX} -Name	13pt
Headline (groß)	\Huge	90pt
Headline (klein)	\huge	60pt
	\LARGE	45pt
Subheadline	\Large	30pt
Intro	\large	20pt
Copytext	\normalsize	13pt
	\small	12pt
	\footnotesize	11pt
	\scriptsize	9pt
	\tiny	7pt

Table 4: Schriftgrößen DIN A3 (13pt)

²¹⁸ `\abovedisplayshortskip \z@ \@plus 3\p@`
²¹⁹ `\belowdisplayshortskip 5.5\p@ \@plus 2.5\p@ \@minus 3\p@`

CD-Name	ℒ _T _E _X -Name	normal 18pt	scifi 18pt
Headline (groß)	\Huge	135pt	65pt
Headline (klein)	\huge	90pt	50pt
	\LARGE	68pt	45pt
Subheadline	\Large	45pt	33pt
Intro	\large	28pt	27pt
Copytext	\normalsize	18pt	18pt
	\small	14pt	14pt
	\footnotesize	12pt	12pt
	\scriptsize	12pt	12pt
	\tiny	8pt	8pt

Table 5: Schriftgrößen DIN A2 (18pt)

CD-Name	ℒ _T _E _X -Name	normal 25pt	scifi 25pt
Headline (groß)	\Huge	190pt	95pt
Headline (klein)	\huge	130pt	70pt
	\LARGE	95pt	65pt
Subheadline	\Large	60pt	47pt
Intro	\large	40pt	38pt
Copytext	\normalsize	25pt	25pt
	\small	20pt	20pt
	\footnotesize	17pt	17pt
	\scriptsize	14pt	14pt
	\tiny	12pt	12pt

Table 6: Schriftgrößen DIN A1 (25pt)

CD-Name	ℒ _T _E _X -Name	normal 40pt	scifi 35pt
Headline (groß)	\Huge	270pt	135pt
Headline (klein)	\huge	180pt	100pt
	\LARGE	135pt	90pt
Subheadline	\Large	90pt	66pt
Intro	\large	60pt	54pt
Copytext	\normalsize	40pt	35pt
	\small	30pt	
	\footnotesize	25pt	
	\scriptsize	23pt	
	\tiny	20pt	

Table 7: Schriftgrößen DIN Ao (40pt/35pt)

220 \belowdisplayskip \abovedisplayskip
221 \let\@listi\@listI}

```

222 \normalsize
223 </9>
224 <*10>
225 \def\normalsize{%
226   \@setfontsize\normalsize\@xpt\@xivpt
227   \abovedisplayskip 10\p@ \@plus2\p@ \@minus5\p@
228   \abovedisplayshortskip \z@ \@plus3\p@
229   \belowdisplayshortskip 6\p@ \@plus3\p@ \@minus3\p@
230   \belowdisplayskip \abovedisplayskip
231   \let\@listi\@listI
232 }% from scrsize10pt
233 </10>
234 <*11>
235 \def\normalsize{%
236   \@setfontsize\normalsize\@xipt{15.4}%
237   \abovedisplayskip 11\p@ \@plus3\p@ \@minus6\p@
238   \abovedisplayshortskip \z@ \@plus3\p@
239   \belowdisplayshortskip 6.5\p@ \@plus3.5\p@ \@minus3\p@
240   \belowdisplayskip \abovedisplayskip
241   \let\@listi\@listI
242 }
243 </11>

```

\small

```

244 <*9>
245 \def\small{%
246   \@setfontsize\small\@viipt{11.2}%
247   \abovedisplayskip 6\p@ \@plus 2\p@ \@minus 4\p@
248   \abovedisplayshortskip \z@ \@plus 2\p@
249   \belowdisplayshortskip 4\p@ \@plus 2\p@ \@minus 2\p@
250   \def\@listi{\leftmargin\leftmarginI
251     \topsep 2\p@ \@plus 2\p@ \@minus 2\p@
252     \parsep 1\p@ \@plus\p@ \@minus\p@
253     \itemsep \parsep
254   }%
255   \belowdisplayskip \abovedisplayskip
256 }
257 </9>
258 <*10>
259 \def\small{%
260   \@setfontsize\small\@ixpt{12.6}%
261   \abovedisplayskip 8.5\p@ \@plus3\p@ \@minus4\p@
262   \abovedisplayshortskip \z@ \@plus2\p@
263   \belowdisplayshortskip 4\p@ \@plus2\p@ \@minus2\p@
264   \def\@listi{\leftmargin\leftmarginI
265     \topsep 4\p@ \@plus2\p@ \@minus2\p@
266     \parsep 2\p@ \@plus\p@ \@minus\p@
267     \itemsep \parsep}%
268   \belowdisplayskip \abovedisplayskip

```

```

269 }%from scrsize10pt
270 </10>
271 <*11>
272 \def\small{%
273   \@setfontsize\small\@xpt\@xivpt
274   \abovedisplayskip 10\p@ \@plus2\p@ \@minus5\p@
275   \abovedisplayshortskip \z@ \@plus3\p@
276   \belowdisplayshortskip 6\p@ \@plus3\p@ \@minus3\p@
277   \def\@listi{\leftmargin\leftmargini
278     \topsep 6\p@ \@plus2\p@ \@minus2\p@
279     \parsep 3\p@ \@plus2\p@ \@minus\p@
280     \itemsep \parsep}%
281   \belowdisplayskip \abovedisplayskip
282 }%from scrsize11pt
283 </11>

```

\footnotesize

```

284 <*9>
285 \def\footnotesize{%
286   \@setfontsize\footnotesize\@viipt{10}%
287   \abovedisplayskip 6\p@ \@plus 2\p@ \@minus 4\p@
288   \abovedisplayshortskip \z@ \@plus 2\p@
289   \belowdisplayshortskip 4\p@ \@plus 2\p@ \@minus 2\p@
290   \def\@listi{\leftmargin\leftmargini
291     \topsep 2\p@ \@plus 2\p@ \@minus 2\p@
292     \parsep 1\p@ \@plus\p@ \@minus\p@
293     \itemsep \parsep
294   }%
295   \belowdisplayskip \abovedisplayskip
296 }
297 </9>
298 <*10>
299 \def\footnotesize{%
300   \@setfontsize\footnotesize\@viiipt{11}%
301   \abovedisplayskip 6\p@ \@plus2\p@ \@minus4\p@
302   \abovedisplayshortskip \z@ \@plus\p@
303   \belowdisplayshortskip 3\p@ \@plus\p@ \@minus2\p@
304   \def\@listi{\leftmargin\leftmargini
305     \topsep 3\p@ \@plus\p@ \@minus\p@
306     \parsep 2\p@ \@plus\p@ \@minus\p@
307     \itemsep \parsep}%
308   \belowdisplayskip \abovedisplayskip
309 }
310 </10>
311 <*11>
312 \def\footnotesize{%
313   \@setfontsize\footnotesize\@ixpt{12.6}%
314   \abovedisplayskip 8\p@ \@plus2\p@ \@minus4\p@
315   \abovedisplayshortskip \z@ \@plus\p@

```

```

316 \belowdisplayshortskip 4\p@ \@plus2\p@ \@minus2\p@
317 \def\@listi{\leftmargin\leftmargini
318 \topsep 4\p@ \@plus2\p@ \@minus2\p@
319 \parsep 2\p@ \@plus\p@ \@minus\p@
320 \itemsep \parsep}%
321 \belowdisplayskip \abovedisplayskip
322 }
323 </11>

324 </a4 | a5 | lang>

```

A4

```
325 <*a4>
```

\large Definition der papierformatabhängigen Größen (A4)

```

\Large 326 \def\large{\@setfontsize\large{14pt}{18}}
\huge 327 \def\Large{\@setfontsize\Large{18pt}{23}}
\Huge 328 \def\huge{\@setfontsize\huge{36pt}{43}}
329 \def\Huge{\@setfontsize\Huge{45pt}{54}}

```

\tiny Definition der interpolierten Größen (A4)

```

\scriptsize 330 <*9>
\LARGE 331 \def\tiny{\@setfontsize\tiny\@ivpt{5.2}}
332 \def\scriptsize{\@setfontsize\scriptsize\@vipt{7}}
333 </9>
334 <*10>
335 \def\tiny{\@setfontsize\tiny\@vpt{6}}
336 \def\scriptsize{\@setfontsize\scriptsize\@viipt{9}}
337 </10>
338 <*11>
339 \def\tiny{\@setfontsize\tiny\@vipt{7.8}}
340 \def\scriptsize{\@setfontsize\scriptsize\@viiipt{10.4}}
341 </11>
342 \def\LARGE{\@setfontsize\LARGE{27pt}{35}}
343 </a4>

```

A5, DIN TODO: Institute-Fontsize ist eigentlich 10pt

```
344 <*a5 | lang>
```

\large Definition der papierformatabhängigen Größen (A5/DIN lang)

```

\Large 345 \def\large{\@setfontsize\large{13pt}{17}}
\LARGE 346 \def\Large{\@setfontsize\Large{16pt}{21}}
\huge 347 \def\huge{\@setfontsize\huge{24pt}{29}}
\Huge 348 \def\Huge{\@setfontsize\Huge{30pt}{36}}

```

\tiny Definition der interpolierten Größen (A5/DIN lang)
\scriptsize

```

349 < *9 >
350 \def\tiny{\@setfontsize\tiny\@ivpt{5.2}}
351 \def\scriptsize{\@setfontsize\scriptsize\@vipt{7}}
352 < /9 >
353 < *10 >
354 \def\tiny{\@setfontsize\tiny\@vpt{6}}
355 \def\scriptsize{\@setfontsize\scriptsize\@viipt{9}}
356 < /10 >
357 < *11 >
358 \def\tiny{\@setfontsize\tiny\@vipt{7.8}}
359 \def\scriptsize{\@setfontsize\scriptsize\@viipt{10.4}}
360 < /11 >
361 \def\LARGE{\@setfontsize\LARGE{20pt}{26}}

362 < /a5 | lang >

```

NOTE: This code is currently mainly copied from scrsizeopt.clo and not fully adapted to opt yet TODO: check if this is needed!!!

A4, A5, DIN, A3, A2, A1, A0

```

363 < *a4 | a5 | lang | a3 | a2 | a1 | a0 >

364 \setlength\footnotesep {6.65\p@}
365 \setlength{\skip\footins} {9\p@ \@plus 4\p@ \@minus 2\p@}
366 \setlength\floatsep {12\p@ \@plus 2\p@ \@minus 2\p@}
367 \setlength\textfloatsep {20\p@ \@plus 2\p@ \@minus 4\p@}
368 \setlength\intextsep {12\p@ \@plus 2\p@ \@minus 2\p@}
369 \setlength\dblfloatsep {12\p@ \@plus 2\p@ \@minus 2\p@}
370 \setlength\dbltextfloatsep{20\p@ \@plus 2\p@ \@minus 4\p@}
371 \setlength\@fptop {0\p@ \@plus 1fil}
372 \setlength\@fpsep {8\p@ \@plus 2fil}
373 \setlength\@fpbot {0\p@ \@plus 1fil}
374 \setlength\@dblftop {0\p@ \@plus 1fil}
375 \setlength\@dblfpsep {8\p@ \@plus 2fil}
376 \setlength\@dblfpbot {0\p@ \@plus 1fil}
377 \setlength\partopsep {2\p@ \@plus 1\p@ \@minus 1\p@}
378 \def\@listi{\leftmargin\leftmargini
379 \parsep 4\p@ \@plus2\p@ \@minus\p@
380 \topsep 8\p@ \@plus2\p@ \@minus4\p@
381 \itemsep4\p@ \@plus2\p@ \@minus\p@}
382 \let\@listI\@listi
383 \def\@listii {\leftmargin\leftmarginii
384 \labelwidth\leftmarginii
385 \advance\labelwidth-\labelsep
386 \topsep 4\p@ \@plus2\p@ \@minus\p@
387 \parsep 2\p@ \@plus\p@ \@minus\p@}

```

```

388          \itemsep \parsep}
389 \def\@listiii{\leftmargin\leftmarginiii
390          \labelwidth\leftmarginiii
391          \advance\labelwidth-\labelsep
392          \topsep 2\p@ \@plus\p@\@minus\p@
393          \parsep \z@
394          \partopsep \p@ \@plus\z@ \@minus\p@
395          \itemsep \topsep}
396 \def\@listiv {\leftmargin\leftmarginiv
397          \labelwidth\leftmarginiv
398          \advance\labelwidth-\labelsep}
399 \def\@listv {\leftmargin\leftmarginv
400          \labelwidth\leftmarginv
401          \advance\labelwidth-\labelsep}
402 \def\@listvi {\leftmargin\leftmarginvi
403          \labelwidth\leftmarginvi
404          \advance\labelwidth-\labelsep}
405 %%% From File: scrkpar.dtx
406 \@ifundefined{list@extra}{}{%
407 \l@addto@macro{\@listi}{\@list@extra}%
408 \let\@listI=\@listi
409 \l@addto@macro{\@listii}{\@list@extra}%
410 \l@addto@macro{\@listiii}{\@list@extra}%
411 \l@addto@macro{footnotesize}{\protect\add@extra@listi{ftns}}%
412 \l@addto@macro{small}{\protect\add@extra@listi{sml}}%
413 }
414 \@listi
415 </a4 | a5 | lang | a3 | a2 | a1 | ao>

```

A3 Definitionen für A3. Basisschriftgröße: 13pt

```

416 <*a3>

```

\normalsize

```

417 \def\normalsize{%
418   \@setfontsize\normalsize{13}{18.2}
419   \abovedisplayskip 13\p@ \@plus3\p@ \@minus8\p@
420   \abovedisplayshortskip \z@ \@plus3\p@
421   \belowdisplayshortskip 7\p@ \@plus3.5\p@ \@minus3\p@
422   \belowdisplayskip \abovedisplayskip
423   \let\@listi\@listI}% copied and modified from mem14.clo
424 \normalsize

```

\small

```

425 \def\small{%
426   \@setfontsize\small\@xiipt{14.5}%
427   \abovedisplayskip 12\p@ \@plus3\p@ \@minus7\p@

```

```

428 \abovedisplayshortskip \z@ \@plus3\p@
429 \belowdisplayshortskip 6.5\p@ \@plus3.5\p@ \@minus3\p@
430 \def\@listi{\leftmargin\leftmargini
431 \topsep 11\p@ \@plus4\p@ \@minus6\p@
432 \parsep 6\p@ \@plus3\p@ \@minus\p@
433 \itemsep \parsep
434 %% \itemindent\z@
435 }%
436 \belowdisplayskip \abovedisplayskip
437 }

\footnotesize

438 \def\footnotesize{%
439 \@setfontsize\footnotesize\@xipt{13.6}%
440 \abovedisplayskip 11\p@ \@plus3\p@ \@minus6\p@
441 \abovedisplayshortskip \z@ \@plus3\p@
442 \belowdisplayshortskip 6.5\p@ \@plus3.5\p@ \@minus3\p@
443 \def\@listi{\leftmargin\leftmargini
444 \topsep 6.5\p@ \@plus3.5\p@ \@minus3\p@
445 \parsep 4\p@ \@plus3\p@ \@minus\p@
446 \itemsep \parsep
447 %% \itemindent\z@
448 }%
449 \belowdisplayskip \abovedisplayskip
450 }% copied from mem14.clo

\large
\Large
\huge
\Huge
451 \def\large{\@setfontsize\large{20pt}{24}}
452 \def\Large{\@setfontsize\Large{30pt}{36}}
453 \def\huge{\@setfontsize\huge{60pt}{66}}
454 \def\Huge{\@setfontsize\Huge{90pt}{99}}

\tiny
\scriptsize
\LARGE
455 \def\tiny{\@setfontsize\tiny\@vipt{9.8}}
456 \def\scriptsize{\@setfontsize\scriptsize\@ixpt{12.6}}
457 \def\LARGE{\@setfontsize\huge{45pt}{54}}

458 </a3>

```

A2 Definitionen für A2. Basisschriftgröße: 18pt

Huge	135pt
huge	90pt
Large	45pt
large	28pt
normalsize	18pt

459 < *a2 >

`\normalsize`

```
460 \def\normalsize{%
461   \@setfontsize\normalsize{18}{25}%
462   \abovedisplayskip 15\p@ \@plus4\p@ \@minus8\p@
463   \abovedisplayshortskip \z@ \@plus4\p@
464   \belowdisplayshortskip 8\p@ \@plus4\p@ \@minus3\p@
465   \belowdisplayskip \abovedisplayskip
466   \let\@listi\@listI}
467 \normalsize
```

`\small`

```
468 \def\small{%
469   \@setfontsize\small\@xivpt{17}%
470   \abovedisplayskip 12\p@ \@plus3\p@ \@minus7\p@
471   \abovedisplayshortskip \z@ \@plus3\p@
472   \belowdisplayshortskip 7\p@ \@plus4\p@ \@minus3\p@
473   \def\@listi{\leftmargin\leftmarginI
474             \topsep 11\p@ \@plus4\p@ \@minus6\p@
475             \parsep 6\p@ \@plus3\p@ \@minus\p@
476             \itemsep \parsep
477   %%             \itemindent\z@
478             }%
479   \belowdisplayskip \abovedisplayskip
480 }
```

`\footnotesize`

```
481 \def\footnotesize{%
482   \@setfontsize\footnotesize\@xipt{14}%
483   \abovedisplayskip 12\p@ \@plus3\p@ \@minus7\p@
484   \abovedisplayshortskip \z@ \@plus3\p@
485   \belowdisplayshortskip 6.5\p@ \@plus3.5\p@ \@minus3\p@
486   \def\@listi{\leftmargin\leftmarginI
487             \topsep 6.5\p@ \@plus3.5\p@ \@minus3\p@
488             \parsep 4\p@ \@plus3\p@ \@minus\p@
489             \itemsep \parsep
490   %%             \itemindent\z@
491             }%
492   \belowdisplayskip \abovedisplayskip
493 }
494 % copied from mem17.clo
```

`\large` Definition der papierformatabhängigen Größen (A2)

`\Large`

`\huge` 495 $\langle *!scifi \rangle$

`\huge` 496 `\def\large{\@setfontsize\large{28pt}{37}}`

`\Huge` 497 `\def\Large{\@setfontsize\Large{45pt}{54}}`

498 `\def\huge{\@setfontsize\huge{90pt}{99}}`

```

499 \def\Huge{\@setfontsize\Huge{135pt}{149}}
500 \</!scifi>
501 \<*scifi>
502 \def\large{\@setfontsize\large{27pt}{32.4}} % Institut
503 \def\Large{\@setfontsize\Large{33pt}{39.6}} % Modul Headline
504 \def\huge{\@setfontsize\huge{50pt}{55}} % Headline (small)
505 \def\Huge{\@setfontsize\Huge{65pt}{71.5}} % Headline
506 \</scifi>

```

\tiny Definition der interpolierten Größen (A2)

```

\scriptsize
\<LARGE>
507 \def\tiny{\@setfontsize\tiny\@viipt{11}}
508 \def\scriptsize{\@setfontsize\scriptsize\@xpt{13}}
509 \<*!scifi>
510 \def\<LARGE>{\@setfontsize\<LARGE>{68pt}{81.6}}
511 \</!scifi>
512 \<*scifi>
513 \def\<LARGE>{\@setfontsize\<LARGE>{45pt}{54}}
514 \</scifi>

515 \</a2>

```

A1 Definitionen für A1. Basisschriftgröße: 25pt

Huge	190pt
huge	130pt
Large	60pt
large	40pt
normalsize	25pt

```

516 \<*a1>

```

\normalsize

```

517 \def\normalsize{%
518   \@setfontsize\normalsize\@xxvpt{35}%
519   \abovedisplayskip 25\p@ \@plus6\p@ \@minus10\p@
520   \abovedisplayshortskip \z@ \@plus6\p@
521   \belowdisplayshortskip 15\p@ \@plus7.5\p@ \@minus4\p@
522   \belowdisplayskip \abovedisplayskip
523   \let\@listi\@listI}
524 \normalsize

```

\small

```

525 \def\small{%
526   \@setfontsize\small\@xxpt{25}%
527   \abovedisplayskip 20\p@ \@plus5\p@ \@minus9\p@

```

```

528 \abovedisplayshortskip \z@ \@plus5\p@
529 \belowdisplayshortskip 12.5\p@ \@plus6\p@ \@minus3\p@
530 \def\@listi{\leftmargin\leftmargini
531 \topsep 16\p@ \@plus5\p@ \@minus8\p@
532 \parsep 8\p@ \@plus3\p@ \@minus4\p@
533 \itemsep \parsep}%
534 \belowdisplayskip \abovedisplayskip
535 }

```

\footnotesize

```

536 \def\footnotesize{%
537 \setfontsize\footnotesize\@xvipt{22}%
538 \abovedisplayskip 17\p@ \@plus4\p@ \@minus8\p@
539 \abovedisplayshortskip \z@ \@plus4\p@
540 \belowdisplayshortskip 11\p@ \@plus4\p@ \@minus3\p@
541 \def\@listi{\leftmargin\leftmargini
542 \topsep 14\p@ \@plus5\p@ \@minus7\p@
543 \parsep 7\p@ \@plus2\p@ \@minus3\p@
544 \itemsep \parsep}%
545 \belowdisplayskip \abovedisplayskip
546 }% copied from mem25.clo

```

\large Definition der papierformatabhangigen Groen (A1)

\Large

\huge

\Huge

```

547 \!scifi)
548 \def\large{\setfontsize\large{40pt}{52}}
549 \def\Large{\setfontsize\Large{60pt}{72}}
550 \def\huge{\setfontsize\huge{130pt}{143}}
551 \def\Huge{\setfontsize\Huge{190pt}{209}}
552 \!scifi)
553 \!scifi)
554 \def\large{\setfontsize\large{38pt}{45.6}}
555 \def\Large{\setfontsize\Large{47pt}{56.4}}
556 \def\huge{\setfontsize\huge{70pt}{71}}
557 \def\Huge{\setfontsize\Huge{95pt}{104.5}}
558 \scifi)

```

\tiny Definition der interpolierten Groen (A1)

\scriptsize

\LARGE

```

559 \def\tiny{\setfontsize\tiny\@xipt{14.5}}
560 \def\scriptsize{\setfontsize\scriptsize\@xivpt{17.5}}
561 \!scifi)
562 \def\LARGE{\setfontsize\LARGE{95pt}{114}}
563 \!scifi)
564 \!scifi)
565 \def\LARGE{\setfontsize\LARGE{65pt}{78}}
566 \scifi)

567 \a1)

```

Ao Definitionen für Ao. Basisschriftgröße: 40pt

Huge	270pt
huge	180pt
Large	90pt
large	60pt
normalsize	40pt

568 $\langle *ao \rangle$

$\backslash normalsize$

```
569  $\langle *!scifi \rangle$ 
570  $\backslash def \ normalsize \{ \%$ 
571    $\backslash @setfontsize \ normalsize \{ 40 \} \{ 56 \} \%$ 
572    $\backslash abovedisplayskip \ 36 \backslash p@ \ \backslash @plus8 \backslash p@ \ \backslash @minus12 \backslash p@$ 
573    $\backslash abovedisplayshortskip \ z@ \ \backslash @plus8 \backslash p@$ 
574    $\backslash belowdisplayshortskip \ 22 \backslash p@ \ \backslash @plus11 \backslash p@ \ \backslash @minus5 \backslash p@$ 
575    $\backslash belowdisplayskip \ abovedisplayskip$ 
576    $\backslash let \ @listi \ @listI \}$ 
577  $\langle /!scifi \rangle$ 
578  $\langle *scifi \rangle$ 
579  $\backslash def \ normalsize \{ \%$ 
580    $\backslash @setfontsize \ normalsize \{ 35 \} \{ 45.5 \} \%$ 
581    $\backslash abovedisplayskip \ 32 \backslash p@ \ \backslash @plus8 \backslash p@ \ \backslash @minus10 \backslash p@$ 
582    $\backslash abovedisplayshortskip \ z@ \ \backslash @plus7 \backslash p@$ 
583    $\backslash belowdisplayshortskip \ 18 \backslash p@ \ \backslash @plus11 \backslash p@ \ \backslash @minus4 \backslash p@$ 
584    $\backslash belowdisplayskip \ abovedisplayskip$ 
585    $\backslash let \ @listi \ @listI \}$ 
586  $\langle /scifi \rangle$ 
587  $\backslash normalsize$ 
```

$\backslash small$

```
588  $\backslash def \ small \{ \%$ 
589    $\backslash @setfontsize \ small \{ 30 \} \{ 37 \} \%$ 
590    $\backslash abovedisplayskip \ 30 \backslash p@ \ \backslash @plus7 \backslash p@ \ \backslash @minus11 \backslash p@$ 
591    $\backslash abovedisplayshortskip \ z@ \ \backslash @plus7 \backslash p@$ 
592    $\backslash belowdisplayshortskip \ 18 \backslash p@ \ \backslash @plus9 \backslash p@ \ \backslash @minus4 \backslash p@$ 
593    $\backslash def \ @listi \{ \leftmargin \leftmargin i$ 
594      $\backslash topsep \ 24 \backslash p@ \ \backslash @plus8 \backslash p@ \ \backslash @minus12 \backslash p@$ 
595      $\backslash parsep \ 12 \backslash p@ \ \backslash @plus4 \backslash p@ \ \backslash @minus6 \backslash p@$ 
596      $\backslash itemsep \ \parsep \} \%$ 
597    $\backslash belowdisplayskip \ abovedisplayskip$ 
598  $\}$ 
```

$\backslash footnotesize$

```
599  $\backslash def \ footnotesize \{ \%$ 
```

```

600 \setfontsize\footnotesize\@xxvpt{30}%
601 \abovedisplayskip 25\p@ \@plus6\p@ \@minus10\p@
602 \abovedisplayshortskip \z@ \@plus6\p@
603 \belowdisplayshortskip 15\p@ \@plus7.5\p@ \@minus4\p@
604 \def\@listi{\leftmargin\leftmargini
605 \topsep 20\p@ \@plus7\p@ \@minus10\p@
606 \parsep 10\p@ \@plus4\p@ \@minus5\p@
607 \itemsep \parsep}%
608 \belowdisplayskip \abovedisplayskip
609 }% copied from mem36.clo

```

\large Definition der papierformatabhängigen Größen (Ao)

```

\Large
\huge
\Huge
610 \langle *!scifi\rangle
611 \def\large{\setfontsize\large{60pt}{78}}
612 \def\Large{\setfontsize\Large{90pt}{108}}
613 \def\huge{\setfontsize\huge{180pt}{198}}
614 \def\Huge{\setfontsize\Huge{270pt}{297}}
615 \langle /!scifi\rangle
616 \langle *scifi\rangle
617 \def\large{\setfontsize\large{54pt}{64.8}}
618 \def\Large{\setfontsize\Large{66pt}{79.2}}
619 \def\huge{\setfontsize\huge{100pt}{110}}
620 \def\Huge{\setfontsize\Huge{135pt}{148.5}}
621 \langle /scifi\rangle

```

\tiny Definition der interpolierten Größen (Ao)

```

\scriptsize
\LARGE
622 \def\tiny{\setfontsize\tiny\@xxpt{27}}
623 \def\scriptsize{\setfontsize\scriptsize{23}{31}}
624 \langle *!scifi\rangle
625 \def\LARGE{\setfontsize\LARGE{135pt}{162}}
626 \langle /!scifi\rangle
627 \langle *scifi\rangle
628 \def\LARGE{\setfontsize\LARGE{90pt}{108}}
629 \langle /scifi\rangle

630 \langle /ao\rangle

631 \langle /clo\rangle

```