

Blindtext.sty:
Creating text for testing/ Texterzeugung zum
testen

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Abstract

This packet create text with the commands `\blindtext` and `\Blindtext`. With this created text you can get an impression of the look of new classes and packages.

Mit diesem Paket kann man lange Texte erzeugen, ohne lange Texte einzugeben. Sinn ist die Erzeugung langer Beispieldateien, ohne den Quelltext lang zu machen.

1 Overview/Übersicht

1.1 The commands/Die Kommandos

`\blinddocument` `\Blinddocument` `\blinddocument` create a document with sections, subsections... and lists (`itemize`, `enumerate` and `description`). `\Blinddocument` create a document with bigger sections, subsections... and longer lists.

The smallest document to check the look of a class would be:

```
\documentclass{<class>}
\usepackage{blindtext}
\begin{document}
    \blinddocument
\end{document}
```

`\blindtext [x]` create a text. The optional parameter defines a repetition. Default for the repetition is one and can be modified with `\setcounter{blindtext}{1}`.
`\Blindtext [x] [y]` create x paragraphs with the text of `\blindtext`. The first optional parameter defines a repetition of the paragraphs. Default for the repetition is five and can be modified with `\setcounter{Blindtext}{5}`. The second optional parameter is given to `\blindtext`.

It is possible to add a start and end sequence for each paragraph.

Command/Makro	englisch	german
\blinddocument	creates a document	erzeugt ein Dokument
\Blinddocument	creates a big document	erzeugt ein großes Dokument
\blindtext	creates text	erzeugt Text
\Blindtext	creates more text	erzeugt mehr Text
\blindlist{env}	creates a list	erzeugt eine Liste
\blindlistoptional{env}	creates a list with \item[]	erzeugt eine Liste mit \item[]
\blindlistlist [level]{env}	creates cascaded lists	erzeugt geschachtelte Listen
\Blindlist{env}	creates a big list	erzeugt eine große Liste
\Blindlistoptional{env}	creates a big list with \item[]	erzeugt eine große Liste mit \item[]
\blinditemize	creates an itemize list	erzeugt eine itemize-Liste
\blindenumerate	creates an enumerate list	erzeugt eine enumerate-Liste
\blinddescription	creates a description list	erzeugt eine description-Liste
~[x]	repetition	Wiederholungsfaktor

Figure 1: Command Overview

\parstart	The two macros \parstart and \parend define a starting and ending sequence for each paragraph in \Blindtext.
\blindlist	\blindlist{env}[x] create a list, the type is defined by the obligatory parameter. The optional parameter defines a repetition. Default for the repetition is five and can be modified with \setcounter{blindlist}{x}.
\blindlistlist	\blindlistlist[level]{env}[x] creates cascaded lists up to level level, the type is defined by the second obligatory parameter. The optional parameter defines a repetition. Default is the same like in \blindlist.
\Blindlist	\Blindlist{env}[x] create a list with long texts. The optional parameter defines a repetition. Default for the repetition is five and can be modified with \setcounter{blindlist}{x}.
\blindlistoptional	\blindlistoptional{env}[x] create a list with \item[]. The list is defined by the obligatory parameter. The optional parameter defines a repetition. Default for the repetition is five and can be modified with \setcounter{blindlist}{x}.
\Blindlistoptional	\Blindlistoptional create a list like \blindlistoptional with long texts.
\blinditemize	This commands are a abbreviation for \blindlist{itemize}, \blindlist{enumerate} and \blindlist{description}.
\Blinditemize	
\blindenumerate	
\Blindenumerate	
\blinddescription	
\Blinddescription	
\blind@checklanguage	It is possible, that you use blindtext.sty with undefined languages. This macro checks, if blindtext support the language. If it is not available, an error is reported and English is used.
	1 \NeedsTeXFormat{LaTeX2e} 2 \ProvidesPackage{blindtext}[\filedate\space\fileversion\space% 3 blindtext-Package] 4 \RequirePackage{xspace}
	Just in case the french quote are not defined 5 \providecommand{\frqq}{`} 6 \providecommand{\flqq}{`}
	7 \newcommand{\blind@checklanguage}{% 8 \@ifundefined{blindtext@\languagename}{% 9 \PackageWarning{blindtext}{\languagename\space not 10 defined, using english instead.\MessageBreak 11 }}% 12 \selectlanguage{english}% 13 }{}% 14 }
	First we need some counters for the number of repetitions of the text and the paragraphs. 15 \newcounter{blindtext}\setcounter{blindtext}{1} 16 \newcounter{Blindtext}\setcounter{Blindtext}{5}
\blindtext	\blindtext[x] write $x \times$ a sentence. The default is stored in the counter blindtext. This value can be changed with \setcounter{blindtext}{1}.

```

17 \newcount\blind@countxx
18 \newcommand{\blindtext}[1] [\\value{blindtext}] {%
19   \blind@checklanguage
20   \blind@countxx=1 %
21   \loop
22     \blindtext@text\
23   \ifnum\blind@countxx<#1\advance\blind@countxx by 1 %
24   \repeat
25 }

\Blindtext \Blindtext[x][y] execute  $x \times \blindtext[y]$ . Each  $\blindtext[y]$  built a paragraph. The default is stored in the counter Blindtext. This value can be changed with \setcounter{Blindtext}{5}. The counter blindtext@numBlindtext stores the first optional parameter to be used in \blindtext@Blindtext.
26 \newcount\blindtext@numBlindtext
27 \newcommand{\Blindtext}[1] [\\value{Blindtext}] {%
28   \blind@checklanguage
29   \blindtext@numBlindtext=#1\relax
30   \blind@Blindtext
31 }

\blind@Blindtext This macro continue \Blindtext with a second optional parameter.
Each paragraph starts and end with a text, which can be defined with \starttext or \endtext.
32 \newcount\blind@countyy
33 \newcommand{\blind@Blindtext}[1] [\\value{blindtext}] {%
34   \blind@countyy=1 %
35   \loop
36     {\blindtext@parstart\blindtext[{#1}]\blindtext@parend\par}%
37   \ifnum\blind@countyy<\blindtext@numBlindtext\advance\blind@countyy by 1 %
38   \repeat
39 }

\parstart
\parend 40 \newcommand{\blindtext@parstart}{} % Text at start of paragraph
41 \newcommand{\blindtext@parend}{} % Text at end of paragraph
42 \newcommand{\parstart}[1]{\renewcommand{\blindtext@parstart}{#1}}
43 \newcommand{\parend}[1]{\renewcommand{\blindtext@parend}{#1}}
44 \newif\ifblind@long\blind@longfalse

```

3 Lists

Here I define some flags to decide in the lists, if we have to create big items and if we need the optional parameter at `\item`. These flags are reset in `\blind@list`.

The counter `blindlist` define the default number of items in a list. The counter `blindlistitem` is needed by `\blindtext@count` to write a text like 'first', 'second'....

```
44 \newif\ifblind@long\blind@longfalse
```

```

45 \newif\ifblind@optional\blind@optionalfalse
46 \newcounter{blindlist}
47 \newcounter{blindlistlevel}% Up tu X level
48 \newcounter{blindlist@level}% internal counter
49 \newcount\blind@listitem

\blindlist \blindlist{env}[x] write a env-list with  $x$  items. The default is stored in the
\blind@listtype counter blindlist. This value can be changed with \setcounter{blindlist}{1}.
The type of list is stored in \blind@listtype.
50 %% ^A-----
51 \newcommand{\blindlist}[1]{%
52   \blind@checklanguage
53   \def\blind@listtype{\#1}%
54   \setcounter{blind@levelcount}{1}%
55   \blind@list
56 }

\blind@list This macro continue the macro \blindlist and with the optional parameter.
After the printout, we reset the flags and the counter for the list text.
57 \newcommand{\blind@list}[1][5]{%
58   \setcounter{blindlist}{#1}%
59   \stepcounter{blindlist@level}% depth of list
60   \blind@listitem=1 %
61   \begin{\blind@listtype}%
62     \blind@items
63   \end{\blind@listtype}%
64   \blind@longfalse
65   \blind@optionalfalse
66 }

\blindlistlist \blindlistlist[num]{env}[x] writes cascaded lists up to level num.
67 \newcommand{\blindlistlist}[2][4]{%
68   \setcounter{blindlistlevel}{#1}%
69   \setcounter{blindlist@level}{0}% deepest reached level
70   \setcounter{blind@levelcount}{1}% actual level for printout
71   \def\blind@listtype{\#2}%
72   \blind@list
73 }

\blindlistlistoptional Like \blindlistlist[num]{env}[x] but for environment with optional parameters.
74 \newcommand{\blindlistlistoptional}{%
75   \blind@optionaltrue
76   \blindlistlist
77 }

\blinditemize Some default macros for the standard environments.
\blindenumerate 78 \newcommand{\blinditemize}{\blindlist{itemize}}
79 \newcommand{\blindenumerate}{\blindlist{enumerate}}

```

\Blindlist[x] write a list with x items. The default is stored in the counter blindlist. This value can be changed with \setcounter{blindlist}{1}.

```

\Blindlist
80 \newcommand{\Blindlist}[1]{%
81   \blind@longtrue
82   \blindlist{#1}%
83 }

\Blinditemize Some default macros for the standard environments.
\Blindenumerate 84 \newcommand{\Blinditemize}{\Blindlist{itemize}}
85 \newcommand{\Blindenumerate}{\Blindlist{enumerate}}

\blindlistoptional Here we start a list with \item[]. So we set the flag for optional parameter and
start the normal list.
86 \newcommand{\blindlistoptional}[1]{%
87   \blind@optionaltrue
88   \blindlist{#1}%
89 }

\Blindlistoptional Now a big list with optional parameter at \item.
90 \newcommand{\Blindlistoptional}[1]{%
91   \blind@optionaltrue
92   \blind@longtrue
93   \blindlist{#1}%
94 }

\blinddescription Some default macros for the standard environment description.
\Blinddescription 95 \newcommand{\blinddescription}{\blindlistoptional{description}}
96 \newcommand{\Blinddescription}{\Blindlistoptional{description}}
97 \newcounter{blind@listcount}
98 \newcounter{blind@levelcount}

\blind@items Here the \item are written. A local counter is defined and the \item is written.
The type of \item is influenced by the flags.
99 \newcommand{\blind@items}{%
100   \setcounter{blind@listcount}{1}%
101   \loop
102   \ifblind@optional
103     \ifblind@long
104       \item[\blindtext@countitem] \blindtext@text
105     \else
106       \item[\blindtext@count] \blindtext@item
107     \fi
108   \else % \blind@optionalfalse
109     \ifblind@long
110       \item \blindtext@text
111     \else
112       \item \blindtext@countitem

```

```

113      \fi
114      \fi % \ifblind@optional
Loop for cascaded lists.
115      {%
116          \loop
117              \ifnum\value{blindlistlevel}>\value{blindlist@level}%
118                  \stepcounter{blind@levelcount}%
119                  \blind@list[\value{blindlist}]\relax
120                  \addtocounter{blind@levelcount}{-1}%
121                  \setcounter{blind@listcount}{1}%
122          \repeat
123      }%
124  \ifnum\value{blind@listcount}<\value{blindlist}%
125      \stepcounter{blind@listcount}%
Correction for nested values.
Close the loop
126  \repeat
127 }

```

4 A sample document

```

\blindeddocument \blindeddocument adds a document with \chapter, \section..., texts and lists
(itemize, enumerate, description).
128 \newcommand{\blindeddocument}{%
129   \@ifundefined{chapter}{}{%
130     \chapter{\blindtext@heading 0 (chapter)}%
131     \blindtext
132   }%
133   \section{\blindtext@heading 1 (section)}%
134   \blindtext
135   \subsection{\blindtext@heading 2 (subsection)}%
136   \blindtext
137   \subsubsection{\blindtext@heading 3 (subsubsection)}%
138   \blindtext
139   \paragraph{\blindtext@heading 4 (paragraph)}%
140   \blindtext
141   \section{\blindtext@list}%
142   \subsection{\blindtext@listEx (itemize)}%
143   \blinditemize
144   \subsubsection{\blindtext@listEx (4*itemize)}%
145   \blindlistlist{itemize}[2]%
146   \subsection{\blindtext@listEx (enumerate)}%
147   \blindenumerate
148   \subsubsection{\blindtext@listEx (4*enumerate)}%
149   \blindlistlist{enumerate}[2]%
150   \subsection{\blindtext@listEx (description)}%
151   \blinddescription

```

```

152  \subsubsection{\blindtext@listEx (4*description)}%
153    \blindlistlistoptional{description}[2]%
154 }

\Blinddocument \blinddocument adds a document with \chapter, \section..., texts and lists
(itemize, enumerate, description).
155 \newcommand{\Blinddocument}{%
156   \@ifundefined{chapter}{}{%
157     \chapter{\blindtext@heading 0 (chapter)}%
158     \blindtext
159   }%
160   \section{\blindtext@heading 1 (section)}%
161   \Blindtext
162   \subsection{\blindtext@heading 2 (subsection)}%
163   \Blindtext
164   \subsubsection{\blindtext@heading 3 (subsection)}%
165   \Blindtext
166   \paragraph{\blindtext@heading 4 (paragraph)}%
167   \Blindtext
168   \section{\blindtext@list}%
169   \subsection{\blindtext@listEx (itemize)}%
170   \Blinditemize
171   \subsubsection{\blindtext@listEx (4*itemize)}%
172   \blind@longtrue
173   \blindlistlist{itemize}[2]%
174   \subsection{\blindtext@listEx (enumerate)}%
175   \Blindenumerate
176   \subsubsection{\blindtext@listEx (4*enumerate)}%
177   \blind@longtrue
178   \blindlistlist{enumerate}[2]%
179   \subsection{\blindtext@listEx (description)}%
180   \Blinddescription
181   \subsubsection{\blindtext@listEx (4*description)}%
182   \blind@longtrue
183   \blindlistlistoptional{description}[2]%
184 }

```

5 The texts

```

\addto If babel is not loaded, we need the command \addto.
185 \%providecommand{\addto}[2]{#2}
186 \@ifundefined{addto}{}{%
187   \@ifpackageloaded{babel}{}{%
188     \PackageWarning{\blindtext}{}%
189     You are not using babel.sty -> Language by random\MessageBreak
190     Kein babel.sty verwendet -> Zufallssprache}%
191   }%
192   \newcommand{\addto}[2]{#2}%
193 }{}%

```

5.1 Default without language

First all texts without any language. If you make a new translation, please define all this macros.

```
194 \def\blindtext@text{Text}
195 \def\blindtext@count{%
196   \ifcase\blind@listitem\or
197     First\or Second\...
198   \else
199     Last%
200   \blind@listitem=0 %
201 \fi
202 \global\advance\blind@listitem by 1 %
203 }% \blindtext@count
204 \def\blindtext@item{itemtext}
205 \def\blindtext@countitem{\blindtext@count\ \blindtext@item}
206 \def\blindtext@heading{Heading on level\xspace}
207 \def\blindtext@list{Lists}
208 \def\blindtext@listEx{Example for list\xspace}
```

5.2 English Texts

\blindtext@english Define flag, so we can check, if language is defined.

```
209 \def\blindtext@english{}

210 \addto\extrasenglish{%
211   \def\blindtext@text{%
212     Hello, here is some text without a meaning. This text should show,
213     how a printed text will look like at this place. If you read this
214     text, you will get no information. Really? Is there no
215     information? Is there a difference between this text and some
216     nonsense like \frqq Huardest gefburn\flqq? Kjift -- Never mind! A
217     blind text like this gives you information about the selected
218     font, how the letters are written and the impression of the look.
219     This text should contain all letters of the alphabet and it should
220     be written in of the original language. There is no need for a
221     special contents, but the length of words should match to the
222     language.%}
223 }% \blindtext@text
224 }

225 \addto\extrasenglish{%
226   \def\blindtext@count{%
227     \ifcase\value{blind@listcount}\or
228       First\or Second\or Third\or Fourth\or Fifth\or
229       Sixth\or Seventh\or Eighth\or Ninth\or Tenth\or
230       Eleventh\or Twelfth\%
231     \else Another%
232     \fi
233 }% \blindtext@count
```

```

234 \def\blindtext@item{item in a list}%, level~\arabic{blindlist@level}%
235 }% \addto\extrasenglish
236 \addto\extrasenglish{%
237 \def\blindtext@heading{Heading on level\xspace}%
238 \def\blindtext@list{Lists}%
239 \def\blindtext@listEx{Example for list\xspace}%
240 }%\addto\extrasenglish
241 %

```

5.3 German Texts

\blindtext@german Define flag, so we can check, if language is defined.

```

242 \def\blindtext@german{%
243 \addto\extrasgerman{%
244 \def\blindtext@text{%
245 Dies hier ist ein Blindtext zum Testen von Textausgaben. Wer
246 diesen Text liest, ist selbst schuld. Der Text gibt lediglich den
247 Grauwert der Schrift an. Ist das wirklich so? Ist es
248 gleich\-\g\"ul\-\tig ob ich schreibe: \frqq Dies ist ein
249 Blindtext\flqq\ oder \frqq Huardest gefburn\flqq? Kjift --
250 mitnichten! Ein Blindtext bietet mir wichtige Informationen. An
251 ihm messe ich die Lesbarkeit einer Schrift, ihre Anmutung, wie
252 harmonisch die Figuren zueinander stehen und pr\"u\fe, wie breit
253 oder schmal sie l\"auft. Ein Blindtext sollte m\"oglichst viele
254 verschiedene Buchstaben enthalten und in der Originalsprache
255 gesetzt sein. Er mu\ss\ keinen Sinn ergeben, sollte aber lesbar
256 sein. Fremdsprachige Texte wie \frqq Lorem ipsum\flqq\ dienen
257 nicht dem eigentlichen Zweck, da sie eine
258 falsche Anmutung vermitteln.%}
259 }%\blindtext@text
260 }
261 \addto\extrasgerman{%
262 \def\blindtext@count{%
263 \ifcase\value{blind@listcount}\or
264 Erster\or Zweiter\or Dritter\or Vierter\or F{"u}nfter\or
265 Sechster\or Siebter\or Achter\or Neunter\or Zehnter\or
266 Elfster\or Zw{"o}lfster\or Dreizehnter\or Vierzehnter%
267 \else
268 Noch ein%
269 \fi
270 }%\blindtext@count
271 \def\blindtext@item{Listenpunkt, Stufe~\arabic{blind@levelcount}}%
272 }%\addto\extrasgerman
273 \addto\extrasgerman{%
274 \def\blindtext@heading{f"Uberschrift auf Ebene\xspace}%
275 \def\blindtext@list{Listen}%
276 \def\blindtext@listEx{Beispiel einer Liste\xspace}%
277 }%\addto\extrasgerman

```

If the packet `german` is loaded, select the language.

```
278 \@ifpackageloaded{german}{\selectlanguage{german}}{}
```

5.4 German - New typesetting

`\blindtext@ngerman` Define flag, so we can check, if language is defined.

```
279 \def\blindtext@ngerman{}

280 \addto\extrasngerman{%
281   \def\blindtext@text{%
282     Dies hier ist ein Blindtext zum Testen von Textausgaben. Wer
283     diesen Text liest, ist selbst schuld. Der Text gibt lediglich den
284     Grauwert der Schrift an. Ist das wirklich so? Ist es
285     gleich\-\g\"ul\-\tig ob ich schreibe: \frqq Dies ist ein
286     Blindtext\flqq\ oder \frqq Huardest gefburn\flqq? Kjift --
287     mitnichten! Ein Blindtext bietet mir wichtige Informationen. An
288     ihm messe ich die Lesbarkeit einer Schrift, ihre Anmutung, wie
289     harmonisch die Figuren zueinander stehen und pr\"u\fe, wie breit
290     oder schmal sie l\"auft. Ein Blindtext sollte m\"oglichst viele
291     verschiedene Buchstaben enthalten und in der Originalsprache
292     gesetzt sein. Er mu\ss{} keinen Sinn ergeben, sollte aber lesbar
293     sein. Fremdsprachige Texte wie \frqq Lorem ipsum\flqq\ dienen
294     nicht dem eigentlichen Zweck, da sie eine
295     falsche Anmutung vermitteln.%}
296   }% \blindtext@text
297 }

298 \addto\extrasngerman{%
299   \def\blindtext@count{%
300     \ifcase\value{blind@listcount}\or
301     Erster\or Zweiter\or Dritter\or Vierter\or F{"u}nfter\or
302     Sechster\or Siebter\or Achter\or Neunter\or Zehnter\or
303     Elfter\or Zw{"o}lfster\or Dreizehnter\or Vierzehnter\else
304     Noch ein\fi
305   }% \blindtext@count
306   \def\blindtext@item{Listenpunkt, Stufe~\arabic{blind@levelcount}}%
307 }%\addto\extrasngerman

308 \addto\extrasngerman{%
309   \def\blindtext@heading{{\"U}berschrift auf Ebene\xspace}%
310   \def\blindtext@list{Listen}%
311   \def\blindtext@listEx{Beispiel einer Liste\xspace}%
312 }%\addto\extrasngerman
```

If the packet `ngerman` is loaded, select the language.

```
313 \@ifpackageloaded{ngerman}{\selectlanguage{ngerman}}{}
```

5.5 Latin Texts

`\blindtext@latin` Define flag, so we can check, if language is defined.

```
314 \def\blindtext@latin{}
```

I don't speak latin, but I think the classic "Lorem ipsum" should be available.

```
315 \addto\extraslatin{%
316   \def\blindtext@text{%
317     Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam
318     lobortis facilisis sem. Nullam nec mi et neque pharetra
319     sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper,
320     felis non sodales commodo, lectus velit ultrices augue, a
321     dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie
322     ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in
323     sapien. Lorem ipsum dolor sit amet, consectetur adipiscing elit.
324     Duis fringilla tristique neque. Sed interdum libero ut metus.
325     Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit
326     amet ante lobortis sollicitudin. Praesent blandit blandit mauris.
327     Praesent lectus tellus, aliquet aliquam, luctus a, egestas a,
328     turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum
329     turpis accumsan semper.%}
330 }%\blindtext@text
331 }
```

The following "Latin" texts are not really correct latin. (I never learned Latin)
If you want correct texts, please provide them to me.

```
332 \addto\extraslatin{%
333   \def\blindtext@count{%
334     \ifcase\value{blind@listcount}\or
335       Primus\or Duo\or Tres\or Quattuor\or Quinque\or
336       Sex\or Septem\or Octo\or Novem\or Decem\or
337       Undecim\or Duodecim%
338   \else
339     Nova%
340   \fi
341 }%\blindtext@count
342 \def\blindtext@item{, altum~\arabic{blind@levelcount}}%
343 }%\addto\extraslatin

344 \addto\extraslatin{%
345   \def\blindtext@heading{Sectio\xspace}%
346   \def\blindtext@list{Caudex}%
347   \def\blindtext@listEx{Exemplum caudex\xspace}%
348 }%\addto\extraslatin
```

6 Some other macros

```
\alotoftext
349 \let\alotoftext=\blindtext
```

7 Thanks

Thanks to Heiko Oberdiek and Arno Trautmann for corrections (Version 1.8)

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Numbers written in italic refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in roman refer to the code lines where the entry is used.

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