

The morefloats package*

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2010/09/20

Abstract

The current limit of unprocessed floats, 18, can be increased with this morefloats package. Otherwise, `\clear(double)page`, `h(!)`, `H` from the float package, or `\FloatBarrier` from the picins package might help.

Note: The main code of this package was invented by
Don Hosek, Quixote, 1990/07/27 (Thanks!).
The current maintainer is H.-Martin Münch.

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Save per page about 200 ml water, 2 g CO₂ and 2 g wood: Therefore please print only if this is really necessary.

*This file has version number v1.0c, last revised 2010/09/20, documentation dated 2010/09/20.

Contents

1	Introduction	2
2	Usage	2
3	Alternatives (kind of)	3
4	Example	4
5	The implementation	7
6	Installation	14
6.1	Downloads	14
6.2	Package, unpacking TDS	16
6.3	Refresh file name databases	16
6.4	Some details for the interested	16
7	Acknowledgements	17
8	History	17
	[1990/07/27 v1.0a]	17
	[2008/11/14 v1.0b]	17
	[2010/09/20 v1.0c]	17
9	Index	18

1 Introduction

The current limit of unprocessed floats, 18, can be increased with this `morefloats` package. Otherwise, `\clear(double)page`, `h(!)`, `H` from the `float` package, or `\FloatBarrier` from the `picins` package might help.

2 Usage

Load the package placing

```
\usepackage[<options>]{morefloats}
```

in the preamble of your $\text{\LaTeX} 2_{\varepsilon}$ source file.

The `morefloats` package takes two options: `maxfloats` and `morefloats`, where `morefloats` gives the number of additional floats and `maxfloats` gives the maximum number of floats. `maxfloats=25` therefore means, that there are 18 (default) floats and 7 additional floats. `morefloats=7` therefore has the same meaning. It is only necessary to give one of these two options. At the time beeing, it is not possible to reduce the number of floats (for example to save boxes). If you have code accomplishing that, please send it to the package maintainer, thanks.

Version 1.0b used a fixed value of `maxfloats=36`. Therefore for downward compatibility this value is taken as the default one.

Example:

```
\usepackage[maxfloats=25]{morefloats}
```

or

```
\usepackage[morefloats=7]{morefloats}
```

or

```
\usepackage[maxfloats=25,morefloats=7]{morefloats}
```

.

3 Alternatives (kind of)

If you really want to increase the number of (possible) floats, this is the right package. On the other hand, if you ran into trouble of **Too many unprocessed floats**, but would also accept less floats, there are some other possibilities:

- The command `\clearpage` forces L^AT_EX to output any floating objects that occurred before this command (and go to the next page). `\cleardoublepage` does the same but ensures that the next page with output is one with odd page number.
- Using different float specifiers: `t` top, `b` bottom, `p` page of floats.
- Suggesting L^AT_EX to put the object where it was placed: `h` (= here) float specifier.
- Telling L^AT_EX to please put the object where it was placed: `h!` (= here!) float specifier.
- Forcing L^AT_EX to put the object where it was placed and shut up: The `float` package provides the “style option here, giving floating environments a `[H]` option which means ‘PUT IT HERE’ (as opposed to the standard `[h]` option which means ‘You may put it here if you like’)” (`float` package documentation v1.3d as of 2001/11/08). Changing e.g. `\begin{figure}[tbp]...` to `\begin{figure}[H]...` forces the figure to be placed HERE instead of floating away.

The `float` package, 2001/11/08 v1.3d, is available at [CTAN::](#)

[CTAN:macros/latex/contrib/float/](#)

- The `placeins` package provides the command `\FloatBarrier`. Floats occurring before the `\FloatBarrier` are not allowed to float to a later place, and floats occurring after the `\FloatBarrier` are not allowed to float to a earlier place than the `\FloatBarrier`. (There can be more than one `\FloatBarrier` in a document.)

The same package also provides an option to add to section headings automatically `\FloatBarriers`. It is further possible to make `\FloatBarriers` less strict (see that package’s documentation).

The `placeins` package, 2005/04/18 v2.2, is available at [CTAN::](#)

[CTAN:macros/latex/contrib/placeins/](#)

(You programmed or found another alternative, which is available at [CTAN::](#)?

OK, send an e-mail to me with the name, location at [CTAN::](#), and a short notice, and I will probably include it in the list above.)

4 Example

```

1 (*example)%
2 \documentclass[british]{article}
3 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
4 \usepackage[maxfloats=19]{morefloats}
5 \gdef\unit#1{\mathord{\thinspace\mathrm{#1}}}%
6 \listfiles
7 \begin{document}
8
9 \section*{Example for morefloats}
10 \markboth{Example for morefloats}{Example for morefloats}
11
12 This example demonstrates the use of package\newline
13 \textsf{morefloats}, v1.0c as of 2010/09/20 (HMM; DH).\newline
14 The package takes options (here: maxfloats=19 is used).\newline
15 For more details please see the documentation!\newline
16
17 To reproduce the\newline
18 \texttt{\LaTeX\ Error: Too many unprocessed floats},\newline
19 comment out the \texttt{\textbackslash usepackage...} in the preamble (line~3)
20 (by placing a \% before it).\newline
21
22 \bigskip
23
24 Save per page about $200\unit{ml}$~water, $2\unit{g}$~CO$_{2}$
25 and $2\unit{g}$~wood:\newline
26 Therefore please print only if this is really necessary.\newline
27 I do NOT think, that it is necessary to print THIS file, really!
28
29 \pagebreak
30
31 Here are a lot of floating tables:\newline
32
33 \begin{table}[t] \centering%
34 \begin{tabular}{|l|}
35 \hline
36 A table, which will keep floating.\\ \hline
37 \end{tabular}%
38 \caption{The first Table}%
39 \end{table}%
40
41 \begin{table}[t] \centering%
42 \begin{tabular}{|l|}
43 \hline
44 A table, which will keep floating.\\ \hline
45 \end{tabular}%
46 \caption{The second Table}%
47 \end{table}%
48
49 \begin{table}[t] \centering%
50 \begin{tabular}{|l|}
51 \hline
52 A table, which will keep floating.\\ \hline
53 \end{tabular}%
54 \caption{The third Table}%
55 \end{table}%
56
57 \begin{table}[t] \centering%
58 \begin{tabular}{|l|}
59 \hline
60 A table, which will keep floating.\\ \hline
61 \end{tabular}%
62 \caption{The fourth Table}%
63 \end{table}%
64
65 \begin{table}[t] \centering%
66 \begin{tabular}{|l|}

```

```

67 \hline
68 A table, which will keep floating.\\ \hline
69 \end{tabular}%
70 \caption{The fifth Table}%
71 \end{table}%
72
73 \begin{table}[t] \centering%
74 \begin{tabular}{|l|}
75 \hline
76 A table, which will keep floating.\\ \hline
77 \end{tabular}%
78 \caption{The sixth Table}%
79 \end{table}%
80
81 \begin{table}[t] \centering%
82 \begin{tabular}{|l|}
83 \hline
84 A table, which will keep floating.\\ \hline
85 \end{tabular}%
86 \caption{The seventh Table}%
87 \end{table}%
88
89 \begin{table}[t] \centering%
90 \begin{tabular}{|l|}
91 \hline
92 A table, which will keep floating.\\ \hline
93 \end{tabular}%
94 \caption{The eighth Table}%
95 \end{table}%
96
97 \begin{table}[t] \centering%
98 \begin{tabular}{|l|}
99 \hline
100 A table, which will keep floating.\\ \hline
101 \end{tabular}%
102 \caption{The ninth Table}%
103 \end{table}%
104
105 \begin{table}[t] \centering%
106 \begin{tabular}{|l|}
107 \hline
108 A table, which will keep floating.\\ \hline
109 \end{tabular}%
110 \caption{The tenth Table}%
111 \end{table}%
112
113 \begin{table}[t] \centering%
114 \begin{tabular}{|l|}
115 \hline
116 A table, which will keep floating.\\ \hline
117 \end{tabular}%
118 \caption{The eleventh Table}%
119 \end{table}%
120
121 \begin{table}[t] \centering%
122 \begin{tabular}{|l|}
123 \hline
124 A table, which will keep floating.\\ \hline
125 \end{tabular}%
126 \caption{The twelfth Table}%
127 \end{table}%
128
129 \begin{table}[t] \centering%
130 \begin{tabular}{|l|}
131 \hline
132 A table, which will keep floating.\\ \hline
133 \end{tabular}%
134 \caption{The thirteenth Table}%

```

```

135 \end{table}%
136
137 \begin{table}[t] \centering%
138 \begin{tabular}{|l|}
139 \hline
140 A table, which will keep floating.\\ \hline
141 \end{tabular}%
142 \caption{The forteenth Table}%
143 \end{table}%
144
145 \begin{table}[t] \centering%
146 \begin{tabular}{|l|}
147 \hline
148 A table, which will keep floating.\\ \hline
149 \end{tabular}%
150 \caption{The fifteenth Table}%
151 \end{table}%
152
153 \begin{table}[t] \centering%
154 \begin{tabular}{|l|}
155 \hline
156 A table, which will keep floating.\\ \hline
157 \end{tabular}%
158 \caption{The sixteenth Table}%
159 \end{table}%
160
161 \begin{table}[t] \centering%
162 \begin{tabular}{|l|}
163 \hline
164 A table, which will keep floating.\\ \hline
165 \end{tabular}%
166 \caption{The seventeenth Table}%
167 \end{table}%
168
169 \begin{table}[t] \centering%
170 \begin{tabular}{|l|}
171 \hline
172 A table, which will keep floating.\\ \hline
173 \end{tabular}%
174 \caption{The eighteenth Table}%
175 \end{table}%
176
177 \begin{table}[t] \centering%
178 \begin{tabular}{|l|}
179 \hline
180 One floating table too much
181 (without \textsf{morefloats} and appropriate option(s)).\\ \hline
182 \end{tabular}%
183 \caption{The nineteenth Table}%
184 \end{table}%
185
186 \end{document}
187 \end{example}

```

5 The implementation

We start off by checking that we are loading into L^AT_EX 2_ε and announcing the name and version of this package.

```
188 (*package)
189 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
190 \ProvidesPackage{morefloats}[2010/09/20 v1.0c
191         Increase limit of unprocessed floats (HMM; DH)]
192
```

Options

```
193 \RequirePackage{kvoptions}[2010/02/22]% v3.7
194
195 %% morefloats may work with an earlier version of that package,
196 %% but this was not tested. Please consider updating your package
197 %% to the most recent version (if it is not already the most
198 %% recent version).
199
200 \SetupKeyvalOptions{family = morefloats,prefix = morefloats@}
201 \DeclareStringOption{maxfloats}% \morefloats@maxfloats
202 \DeclareStringOption{morefloats}% \morefloats@morefloats
203
204 \ProcessKeyvalOptions*
205
```

The `morefloats` package takes two options: `maxfloats` and `morefloats`, where `morefloats` gives the number of additional floats and `maxfloats` gives the maximum number of floats. `maxfloats=37` therefore means, that there are 18 (default) floats and another 19 additional floats. `morefloats=19` therefore has the same meaning. Version 1.0b used a fixed value of `maxfloats=36`. Therefore for downward compatibility this value will be taken as the default one.

Now we check whether `maxfloats=...` or `morefloats=...` or both were used, and if one option was not used, we supply the value. If no option was used at all, we use the default values.

```
206 \newcounter{maxfloats}
207
208 \ifx\morefloats@maxfloats\@empty
209   \ifx\morefloats@morefloats\@empty
210     % apply defaults:
211     \gdef\morefloats@maxfloats{36}
212     \gdef\morefloats@morefloats{18}
213   \else
214     \setcounter{maxfloats}{18}
215     \addtocounter{maxfloats}{\morefloats@morefloats}
216     \global\edef\morefloats@maxfloats{\arabic{maxfloats}}
217   \fi
218 \else
219   \ifx\morefloats@morefloats\@empty
220     \setcounter{maxfloats}{\morefloats@maxfloats}
221     \addtocounter{maxfloats}{-18}
222     \global\edef\morefloats@morefloats{\arabic{maxfloats}}
223   \fi
224 \fi
225
226 \setcounter{maxfloats}{\morefloats@maxfloats}
```

If option `maxfloats` is no number, the user will see the according error message here (if not already shown before).

```
227 \edef\morefloats@max{\arabic{maxfloats}}
228
229 \ifnum \value{maxfloats}<18
230   \PackageError{morefloats}{Option maxfloats is \arabic{maxfloats}<18}{%
231     maxfloats must be a number equal to or larger than 18\MessageBreak%
232     (or not used at all).\MessageBreak%
233     Now setting maxfloats=18.\MessageBreak%
234   }
```

```

235 \gdef\morefloats@max{18}
236 \fi
237
238 \setcounter{maxfloats}{\morefloats@morefloats}

    If option morefloats is no number, the user will see the according error mes-
    sage here.

239
240 \edef\morefloats@more{\arabic{maxfloats}}
241
242 \ifnum \value{maxfloats}<0
243   \PackageError{morefloats}{Option morefloats is \arabic{maxfloats}<0}{%
244     morefloats must be a number equal to or larger than 0\MessageBreak%
245     (or not used at all).\MessageBreak%
246     Now setting morefloats=0.\MessageBreak%
247   }
248   \gdef\morefloats@more{0}
249 \fi
250
251 \setcounter{maxfloats}{18}
252 \addtocounter{maxfloats}{\morefloats@more}

```

The value of `morefloats` should now be equal to the value of `morefloats@max`.

```

253 \addtocounter{maxfloats}{-\morefloats@max}

```

Therefore `morefloats` should now be equal to zero.

```

254 \ifnum \value{maxfloats}=0% OK
255   \setcounter{maxfloats}{\morefloats@maxfloats}
256 \else
257   \PackageError{morefloats}{Clash between options maxfloats and morefloats}{%
258     Option maxfloats must be empty or the sum of 18 and option value morefloats,\MessageBreak
259     but it is maxfloats=\morefloats@maxfloats \space and %
260     morefloats=\morefloats@morefloats .\MessageBreak%
261   }

```

We choose the larger value to be used.

```

262 \ifnum \value{maxfloats}<0% \morefloats@max > \morefloats@more
263   \setcounter{maxfloats}{\morefloats@maxfloats}
264 \else% \value{maxfloats}>0, \morefloats@max < \morefloats@more
265   \setcounter{maxfloats}{18}
266   \addtocounter{maxfloats}{\morefloats@morefloats}
267 \fi
268 \fi
269
270 \PackageWarning{maxfloats}{\MessageBreak%
271   Maximum number of possible floats asked for: \arabic{maxfloats}.\MessageBreak%
272   LaTeX might run out of dimensions or memory.\MessageBreak%
273   before this (in which case it will notify you).\MessageBreak%
274 }
275

```

The task at hand is to increase L^AT_EX's current limit of 18 unprocessed floats in memory at once to `\arabic{maxfloats}`. An examination of `latex.tex` reveals that this is accomplished by allocating (!) an insert register for each unprocessed float. A quick check of (the obsolete, now `lTplain`, update to L^AT_EX2e!) `lplain.lis` reveals that there is room, in fact, for up to 266 unprocessed floats, but T_EX's main memory could be exhausted well before that happened.

L^AT_EX2e uses a `\dimen` for each `\newinsert`, and the number of `\dimens` is also restricted. Therefore only use the number of floats you need!

Allocating insert First we allocate the additional insert registers needed.

First we allocate the additional insert registers needed.

First for the 18 default L^AT_EX boxes.

```

276 \gdef\@freelist{\@elt\bxA\@elt\bxB\@elt\bxC\@elt\bxD\@elt\bxE\@elt\bxF\@elt\bxG\@elt\b
277 bxI\@elt\b xJ\@elt\b xK\@elt\b xL\@elt\b xM\@elt\b xN\@elt\b xO\@elt\b xP\@elt\b xQ\@elt\b x
278

```

[illegible]


```

531 According to my knowledge, LaTeX cannot process\MessageBreak%
532 more than 266 floats, therefore the morefloats\MessageBreak%
533 package only provides 266 floats.\MessageBreak%
534 If you really need more floats,\MessageBreak%
535 maybe ask a wizard to increase this number.\MessageBreak%
536 (I expected LaTeX to run out of dimensions or memory\MessageBreak%
537 \space long before reaching this anyway.)\MessageBreak%
538 }
539 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
540 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
541 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
542 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
543 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
544 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
545 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
546 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
547 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
548 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
549 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
550 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
551 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
552 \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi \fi
553

```

And that was already everything which was necessary.

```

554 \end{package}

```

6 Installation

6.1 Downloads

Everything should be available on [CTAN](http://ftp.ctan.org/tex-archive/): [ftp://ftp.ctan.org/tex-archive/](http://ftp.ctan.org/tex-archive/), but may need additional packages themselves.

`morefloats.dtx` For unpacking the `morefloats.dtx` file and constructing the documentation it is required:

- T_EXFormat L^AT_EX 2_ε, 1994/06/01, v2_ε: [CTAN](#):
- document class `ltxdoc`, 2007/11/11, v2.0u,
[CTAN:macros/latex/base/ltxdoc.dtx](#)
- package `hltxdoc`, 2010/04/18, v0.18,
[CTAN:macros/latex/contrib/oberdiek/hltxdoc.dtx](#)
- package `hypdoc`, 2010/03/26, v1.9,
[CTAN:macros/latex/contrib/oberdiek/hypdoc.dtx](#)

`morefloats.sty` The `morefloats.sty` for L^AT_EX 2_ε (i.e. all documents using the `morefloats` package) requires:

- T_EXFormat L^AT_EX 2_ε, 1994/06/01, v2_ε, [CTAN](#):
- package `kvoptions`, 2010/02/22, v3.7, [CTAN:macros/latex/contrib/oberdiek/kvoptions.dtx](#)

`Oberdiek` All packages of Heiko Oberdiek's bundle 'oberdiek' (especially `hltxdoc`, `hypdoc`,
`hltxdoc` and `kvoptions`) are also available in a TDS compliant ZIP archive:

`hypdoc` [CTAN:install/macros/latex/contrib/oberdiek.tds.zip](#).

Warning: `hltxdoc`, 2010/04/24 v0.19, requires the packages

- `hypdoc`, 2010/03/26, v1.9
- `hyperref`, 2010/03/30, v6.80u (latest: 2010/06/18, v6.81g)
- `pdftexcmds`, 2010/04/01, v0.9
- `ltxcmds`, 2010/03/09, v1.4 (latest: 2010/04/26, v1.7)
- `hologo`, 2010/04/24, v1.2
- `array` (latest: 2008/09/09, v2.4c)

(or more recent versions) and does neither work with nor check for earlier versions!
(It is probably best to download

[CTAN:install/macros/latex/contrib/oberdiek.tds.zip](#)

and use this, because the packages in there should be both recent and compatible.)

hrefhide 2010/07/29, v1.0d, [CTAN:macros/latex/contrib/hrefhide/hrefhide.dtx](#) and [CTAN:install/macros/latex/contrib/hrefhide.tds.zip](#)
That package allows to “hide” some (hyperlinked) text when printing the document while keeping the layout.

lastpage 2010/08/25, v1.2c, [CTAN:macros/latex/contrib/lastpage/lastpage.dtx](#) and [CTAN:install/macros/latex/contrib/lastpage.tds.zip](#)
That package allows to refer to the (maybe not so) last page. *The package was originally invented by Jeffrey P. Goldberg.* The **pagesLTS** package is much more mighty, but needs more resources (e. g. new counters).

morefloats 2010/09/20, v1.0c, [CTAN:macros/latex/contrib/morefloats/morefloats.dtx](#) and [CTAN:install/macros/latex/contrib/morefloats.tds.zip](#)
The package described in this very documentation:
This package allows to increased the number of unprocessed floats from L^AT_EX’s default value of 18 to 266.
The main code of this package was invented by
Don Hosek, *Quixote*, 1990/07/27 (*Thanks!*).
maintenance has been taken over in September 2010 by H.-Martin Münch.

pagesLTS 2010/08/25, v1.1i, [CTAN:macros/latex/contrib/pagesLTS/pagesLTS.dtx](#) and [CTAN:install/macros/latex/contrib/pagesLTS.tds.zip](#)
That package allows to refer to the (very) last page, gives the total number of pages, references to special pages, facilitates the use of nearly any pagenumbers you like (e. g. negative **Roman** numbers or more than Z pages with **Alph** page numbering), and works even with **fnsymbol** page numbers.

papermas 2010/07/29, v1.0d, [CTAN:macros/latex/contrib/papermas/papermas.dtx](#) and [CTAN:install/macros/latex/contrib/papermas.tds.zip](#)
That package allows to compute the number of sheets of paper needed to print a document as well as the mass of that printed version of the document. Further that package allows to compute “base to the power of exponent” inside L^AT_EX.

undolabl 2010/07/29, v1.0f, [CTAN:macros/latex/contrib/undolabl/undolabl.dtx](#) and [CTAN:install/macros/latex/contrib/undolabl.tds.zip](#)
That package allows to override existing labels, especially automatically generated ones. *The main code of that package was invented by Ulrich Diez* (eu_angelion@web.de) *and first published in the* [news:comp.text.tex](#) *newsgroup at* Sun, 20 Apr 2008 16:39:26 +0200, *with subject:* Re: How to undefine/overwrite a label? (*see e. g.* <http://groups.google.de/group/comp.text.tex/msg/5ba8d4722e5cd326?dmode=source> *as well as* <http://groups.google.de/group/comp.text.tex/msg/af6cfe93917097da?dmode=source>).

6.2 Package, unpacking TDS

Package. This package is available on [CTAN](#):

[CTAN:macros/latex/contrib/morefloats/morefloats.dtx](#)
The source file.

[CTAN:macros/latex/contrib/morefloats/morefloats.pdf](#)
The documentation.

[CTAN:install/macros/latex/contrib/morefloats.tds.zip](#)
Everything in TDS compliant, compiled format.

For required other packages, see the preceding subsection.

Unpacking. The `.dtx` file is a self-extracting `docstrip` archive. The files are extracted by running the `.dtx` through plain \TeX :

```
tex morefloats.dtx
```

About generating the documentation see paragraph 6.4 below.

TDS. Now the different files must be moved into the different directories in your installation TDS tree (also known as `texmf` tree):

```
morefloats.sty → tex/latex/morefloats.sty
morefloats.pdf → doc/latex/morefloats.pdf
morefloats.dtx → source/latex/morefloats.dtx
```

If you have a `docstrip.cfg` that configures and enables `docstrip`'s TDS installing feature, then some files can already be in the right place, see the documentation of `docstrip`.

6.3 Refresh file name databases

If your \TeX distribution (`te \TeX` , `mik \TeX` ,...) relies on file name databases, you must refresh these. For example, `te \TeX` users run `texhash` or `mktextlsr`.

6.4 Some details for the interested

Unpacking with \LaTeX . The `.dtx` chooses its action depending on the format:

plain \TeX : Run `docstrip` and extract the files.

\LaTeX : Generate the documentation.

If you insist on using \LaTeX for `docstrip` (really, `docstrip` does not need \LaTeX), then inform the autodetect routine about your intention:

```
latex \let\install=y\input{morefloats.dtx}
```

Do not forget to quote the argument according to the demands of your shell.

Generating the documentation. You can use both the `.dtx` or the `.drv` to generate the documentation. The process can be configured by the configuration file `ltxdoc.cfg`. For instance, put the following line into this file, if you want to have A4 as paper format:

```
\PassOptionsToClass{a4paper}{article}
```

An example follows how to generate the documentation with `pdf \LaTeX` :

```
pdflatex morefloats.dtx
makeindex -s gind.ist morefloats.idx
pdflatex morefloats.dtx
makeindex -s gind.ist morefloats.idx
pdflatex morefloats.dtx
```


7 Acknowledgements

The main code of this package was invented by

Don Hosek, Quixote, 1990/07/27.

I (H.-Martin Münch) would like to thank Don Hosek for his work. Further I would like to thank Karl Berry for helping with taking over the maintainership of this package and two missing `\expandafte`rs, Heiko Oberdiek (`heiko dot oberdiek at gmail dot com`) for providing a lot (!) of useful packages (from which I also got everything I know about creating a file in `dtx` format, ok, say it: copying), everybody of the **CTAN:** team for managing **CTAN:**, and the `news:comp.text.tex` and `news:de.comp.text.tex` newsgroups for their help in all things \TeX .

8 History

[1990/07/27 v1.0a]

- created by Don Hosek

[2008/11/14 v1.0b]

- Clea F. Rees added a license line.

[2010/09/20 v1.0c]

- `.dtx` created by H.-Martin Münch
- included more documentation and alternatives
- included options to allow the user to flexible choose the number of floats from 18 up to 266 instead of fixed 36
- included an example file
- created a `README` file

When you find a mistake or have a suggestion for an improvement of this package, please send an e-mail to the maintainer, thanks!
(Please see `BUG REPORTS` in the `README`.)

9 Index

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

Symbols	
<code>\@elt</code>	<i>9</i>
<code>\@empty</code>	208, 209, 219
<code>\@freelist</code>	<i>9</i>
A	
<code>\addtocounter</code> .	215, 221, 252, 253, 266
<code>\Allocating_insert_registers</code>	<i>9</i>
<code>\arabic</code>	216,
	222, 227, 230, 240, 243, 271, 530
C	
<code>\caption</code>	38, 46, 54, 62, 70,
	78, 86, 94, 102, 110, 118, 126,
	134, 142, 150, 158, 166, 174, 183
<code>\centering</code>	33, 41, 49, 57,
	65, 73, 81, 89, 97, 105, 113, 121,
	129, 137, 145, 153, 161, 169, 177
D	
<code>\DeclareStringOption</code>	201, 202
H	
<code>\hline</code>	35, 36,
	43, 44, 51, 52, 59, 60, 67, 68, 75,
	76, 83, 84, 91, 92, 99, 100, 107,
	108, 115, 116, 123, 124, 131,
	132, 139, 140, 147, 148, 155,
	156, 163, 164, 171, 172, 179, 181
<code>\holtxdoc</code>	<i>14</i>
<code>\hypdoc</code>	<i>14</i>
L	
<code>\listfiles</code>	6
M	
<code>\M\{"{u}nch</code>	<i>15</i>
<code>\markboth</code>	10
<code>\mathord</code>	5
<code>\mathrm</code>	5
<code>\morefloats.dtx</code>	<i>14</i>
<code>\morefloats.sty</code>	<i>14</i>
<code>\morefloats@max</code>	227, 235, 253, 262, 264
<code>\morefloats@maxfloats</code> ..	201, 208,
	211, 216, 220, 226, 255, 259, 263
<code>\morefloats@more</code>	240, 248, 252, 262, 264
<code>\morefloats@morefloats</code> .	202, 209,
	212, 215, 219, 222, 238, 260, 266
N	
<code>\newcounter</code>	206
<code>\newinsert</code>	<i>9</i>
O	
<code>\Oberdiek</code>	<i>14</i>
<code>\Options</code>	7
P	
<code>\PackageError</code>	230, 243, 257, 528
<code>\PackageWarning</code>	270
<code>\ProcessKeyvalOptions</code>	204
R	
<code>\RequirePackage</code>	193
S	
<code>\setcounter</code>	214,
	220, 226, 238, 251, 255, 263, 265
<code>\SetupKeyvalOptions</code>	200
U	
<code>\unit</code>	5, 24, 25