

The `eso-pic` package*

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1 Introduction

This package makes it easy to add some picture commands to every page at absolute positions.

2 Usage

See also the example \LaTeX documents (`eso-*.tex`).

2.1 Basic commands for adding \LaTeX stuff to the page background

<code>\AddToShipoutPictureBG</code>	All the picture commands which are parameters of an <code>\AddToShipoutPictureBG</code> command will be added to the internal macro <code>\ESO@HookIBG</code> . This macro is part of a zero-length <code>picture</code> environment with basepoint at the lower left corner of the page (default) or at the upper left corner (package option “ <code>texcoord</code> ”). The <code>picture</code> environment will be shipped out at every new page.
<code>\AddToShipoutPictureBG*</code>	<code>\AddToShipoutPictureBG*</code> works like <code>\AddToShipoutPictureBG</code> but only for the current page. It used the internal macro <code>\ESO@HookIIBG</code> which contents will be removed automatically. For compatibility the macros <code>\AddToShipoutPicture</code> and <code>\AddToShipoutPicture*</code> are aliases for <code>\AddToShipoutPictureBG</code> and <code>\AddToShipoutPictureBG*</code> .
<code>\AddToShipoutPictureFG</code>	Works like <code>\AddToShipoutPictureBG</code> but the picture commands are on the
<code>\AddToShipoutPictureFG*</code>	top of the normal document content.
<code>\ClearShipoutPictureBG</code>	A call of <code>\ClearShipoutPictureBG</code> clears the contents of <code>\ESO@HookIBG</code> . For compatibility the macro <code>\ClearShipoutPicture</code> is an alias for <code>\ClearShipoutPictureBG</code> .
<code>\ClearShipoutPictureFG</code>	A call of <code>\ClearShipoutPictureFG</code> clears the contents of <code>\ESO@HookIFG</code> .
<code>\LenToUnit</code>	[Allows a length as parameter to a picture command.] Note that this macro exist only for compatibility to older versions of this package. A recent \LaTeX version allows dimensions in picture commands.
<code>\gridSetup</code>	<code>\gridSetup[\langle gridunitname \rangle]{\langle gridunit \rangle}{\langle labelfactor \rangle}{\langle griddelta \rangle}{\langle gridDelta \rangle}{\langle gap \rangle}</code> . For details see the implementation section.

*This document corresponds to `eso-pic` v3.0c, dated 2023/05/03.

`\AtPageUpperLeft` Helper macros for easier positioning on the page.

`\AtPageLowerLeft`

`\AtPageCenter`

`\AtTextUpperLeft`

`\AtTextLowerLeft`

`\AtTextCenter`

`\AtStockUpperLeft`

`\AtStockLowerLeft`

`\AtStockCenter`

2.2 Package options

Option	Value	Comments
<code>pscoord</code>	empty or <i>true</i> , <i>false</i>	The zero point of the coordinate system is the lower left corner of the page (the default).
<code>texcoord</code>	empty or <i>true</i> , <i>false</i>	The zero point of the coordinate system is the upper left corner of the page.
<code>grid</code>	empty or <i>true</i> , <i>false</i>	A grid is drawing; default: false.
<code>gridBG</code>	empty or <i>true</i> , <i>false</i>	Put the grid in the background; default: false.
<code>gridunit</code>	<i>mm</i> , <i>in</i> , <i>bp</i> , <i>pt</i>	Distance between gridlines are multiples of <code>gridunit</code> . default: mm.
<code>gridcolor</code>	a valid color name	Color of the main gridlines; default: black
<code>subgridcolor</code>	a valid color name	Color of the subgridlines; default: black.
<code>subgridstyle</code>	<i>solid</i> or <i>dotted</i>	‘dotted’ is very slow! default: solid.
<code>colorgrid</code>	empty or <i>true</i> , <i>false</i>	Shortcut for ‘grid=true’, ‘gridcolor=red’ and ‘subgridcolor=green’; default: false.
<code>dvips</code>	empty or <i>true</i> , <i>false</i>	Is also true if the package option <code>dvips</code> is used by <code>color</code> or <code>graphics</code> . If true package <code>eepic</code> is loaded for better performance of dotted lines.

3 Implementation

3.1 The main functionality

`\LenToUnit` Only for compatibility

```
1 \providecommand*\LenToUnit[1]{#1}
```

```
2 \newdimen\ESO@tempdima
```

```
3 \newdimen\ESO@tempdimb
```

`\ESO@isMEMOIR` Support for the memoir class.

```
4 \newcommand\ESO@isMEMOIR[2]{#2}
```

```
5 \@ifclassloaded{memoir}{\renewcommand\ESO@isMEMOIR[2]{#1}}{}
```

`\AtPageUpperLeft`

```
6 \newcommand\AtPageUpperLeft[1]{%
```

```
7   \put(0,-\ESO@yoffsetI){#1}%
```

```
8 }
```

`\AtPageLowerLeft`

```
9 \newcommand\AtPageLowerLeft[1]{\AtPageUpperLeft{%
```

```
10   \put(0,-\paperheight){#1}}}
```

\AtPageCenter

```
11 \newcommand\AtPageCenter[1]{\AtPageUpperLeft{%
12   \put(.5\paperwidth,-.5\paperheight){#1}}%
13 }
```

\AtStockLowerLeft

```
14 \newcommand\AtStockLowerLeft{}
15 \ESO@isMEMOIR{%
16   \renewcommand\AtStockLowerLeft[1]{%
17     \begingroup
18       \ESO@tempdima=-\stockwidth
19       \advance\ESO@tempdima\trimedge
20       \advance\ESO@tempdima\paperwidth
21       \if@twoside\ifodd\c@page\else
22         \ESO@tempdima=-\trimedge
23       \fi\fi
24       \ESO@tempdimb=-\stockheight
25       \advance\ESO@tempdimb\paperheight
26       \advance\ESO@tempdimb\trimtop
27       \AtPageLowerLeft{%
28         \put(\ESO@tempdima,\ESO@tempdimb){#1}%
29       }%
30     \endgroup
31   }
32 }{%
33   \let\AtStockLowerLeft=\AtPageLowerLeft
34 }
```

\AtStockUpperLeft

```
35 \newcommand\AtStockUpperLeft{}
36 \ESO@isMEMOIR{%
37   \renewcommand\AtStockUpperLeft[1]{%
38     \AtStockLowerLeft{%
39       \put(0,\stockheight){#1}%
40     }%
41   }%
42 }{%
43   \let\AtStockUpperLeft=\AtPageUpperLeft
44 }
```

\AtStockCenter

```
45 \newcommand\AtStockCenter{}
46 \ESO@isMEMOIR{%
47   \renewcommand\AtStockCenter[1]{%
48     \AtStockLowerLeft{%
49       \put(.5\stockwidth,.5\stockheight){#1}%
50     }%
51   }%
52 }{%
53   \let\AtStockCenter=\AtPageCenter
54 }
```

\AtTextUpperLeft

```

55 \ESO@isMEMOIR{%
56   \newcommand\AtTextUpperLeft[1]{%
57     \begin{group}
58       \if@twoside
59         \ifodd\c@page
60           \ESO@tempdima=\spinemargin
61         \else
62           \ESO@tempdima=\paperwidth
63           \advance\ESO@tempdima-\textwidth
64           \advance\ESO@tempdima-\spinemargin
65         \fi
66       \else
67         \ESO@tempdima=\spinemargin
68       \fi
69       \ESO@tempdimb=-\uppermargin
70       \AtPageUpperLeft{%
71         \put(\ESO@tempdima,\ESO@tempdimb){#1}%
72       }%
73     \end{group}
74   }%
75 }{%
76   \newcommand\AtTextUpperLeft[1]{%
77     \begin{group}
78       \ESO@tempdima=1in\relax
79       \if@twoside
80         \ifodd\c@page
81           \advance\ESO@tempdima\oddsidemargin
82         \else
83           \advance\ESO@tempdima\evensidemargin
84         \fi
85       \else
86         \advance\ESO@tempdima\oddsidemargin
87       \fi
88       \ESO@tempdimb=-1in\relax
89       \advance\ESO@tempdimb-\topmargin
90       \advance\ESO@tempdimb-\headheight
91       \advance\ESO@tempdimb-\headsep
92       \AtPageUpperLeft{%
93         \put(\ESO@tempdima,\ESO@tempdimb){#1}%
94       }%
95     \end{group}
96   }
97 }

```

\AtTextLowerLeft

```

98 \newcommand\AtTextLowerLeft[1]{\AtTextUpperLeft{%
99   \put(0,-\textheight){#1}}}

```

\AtTextCenter

```

100 \newcommand\AtTextCenter[1]{\AtTextUpperLeft{%
101   \put(.5\textwidth,-.5\textheight){#1}}}

```

\ESO@HookIBG

\ESO@HookIIBG 102 \newcommand{\ESO@HookIBG}{}

\ESO@HookIIIBG

\ESO@HookIFG

\ESO@HookIIFG

\ESO@HookIIIFG

```

103 \newcommand{\ESO@HookIIBG}{%}
104 \newcommand{\ESO@HookIIIBG}{%}
105 \newcommand{\ESO@HookIFG}{%}
106 \newcommand{\ESO@HookIIFG}{%}
107 \newcommand{\ESO@HookIIIFG}{%}
108 \newcommand{\ESO@HookI}{%}
109 \newcommand{\ESO@HookII}{%}
110 \newcommand{\ESO@HookIII}{%}
111 \let\ESO@HookI=\ESO@HookIBG
112 \let\ESO@HookII=\ESO@HookIIBG
113 \let\ESO@HookIII=\ESO@HookIIIBG

\AddToShipoutPictureBG
\AddToShipoutPictureFG 114 \newcommand{\AddToShipoutPictureBG}{%
115 \ifstar{\g@addto@macro\ESO@HookIIBG}{\g@addto@macro\ESO@HookIBG}}
116 \newcommand{\AddToShipoutPicture}{%}
117 \let\AddToShipoutPicture=\AddToShipoutPictureBG

\AddToShipoutPictureFG
118 \newcommand{\AddToShipoutPictureFG}{%
119 \ifstar{\g@addto@macro\ESO@HookIIFG}{\g@addto@macro\ESO@HookIFG}}

\ClearShipoutPictureBG
\ClearShipoutPicture 120 \newcommand{\ClearShipoutPictureBG}{\global\let\ESO@HookIBG\@empty}
\ClearShipoutPictureFG 121 \newcommand{\ClearShipoutPicture}{%}
122 \let\ClearShipoutPicture=\ClearShipoutPictureBG
123 \newcommand{\ClearShipoutPictureFG}{\global\let\ESO@HookIFG\@empty}

124 \ESO@isMEMOIR{%
125 \newcommand*\ESO@MEMOIR@corr{%
126 \ESO@tempdima=-\trimedge
127 \advance\ESO@tempdima-\paperwidth
128 \advance\ESO@tempdima\stockwidth
129 \if@twoside\ifodd\c@page\else
130 \advance\ESO@tempdima2\trimedge
131 \advance\ESO@tempdima\paperwidth
132 \advance\ESO@tempdima-\stockwidth
133 \fi\fi
134 \ESO@tempdimb=\ESO@yoffsetI
135 \advance\ESO@tempdimb-\trimtop
136 }
137 \nointerlineskip
138 \AddToHook{shipout/background}{%
139 \ESO@MEMOIR@corr
140 \put(\ESO@tempdima,\ESO@tempdimb){%
141 \ESO@HookIIIBG\ESO@HookIBG\ESO@HookIIBG
142 \global\let\ESO@HookIIBG\@empty
143 }%
144 }%
145 \AddToHook{shipout/foreground}{%
146 \ESO@MEMOIR@corr
147 \put(\ESO@tempdima,\ESO@tempdimb){%
148 \ESO@HookIFG\ESO@HookIIFG\ESO@HookIIIFG

```

```

149     \global\let\ESO@HookIIFG\@empty
150   }%
151 }%
152 }{%
153   \nointerlineskip
154   \AddToHook{shipout/background}{%
155     \put(0,\ESO@yoffsetI){%
156       \ESO@HookIIIBG\ESO@HookIBG\ESO@HookIIBG
157       \global\let\ESO@HookIIBG\@empty
158     }%
159   }%
160   \AddToHook{shipout/foreground}{%
161     \put(0,\ESO@yoffsetI){%
162       \ESO@HookIFG\ESO@HookIIFG\ESO@HookIIIFG
163       \global\let\ESO@HookIIFG\@empty
164     }%
165   }%
166 }

```

3.2 The background grid

```

167 \RequirePackage{keyval}

```

Initialising some macros

```

168 \newif\ifESO@dvi\ESO@dvi\false \newif\ifESO@grid\ESO@grid\false
169 \newif\ifESO@texcoord\ESO@texcoord\false \newif\ifESO@gridBG\ESO@gridBG\false
170 \newcommand*\ESO@gridunitname{}
171 \newcommand*\ESO@gridunit{}
172 \newcommand*\ESO@labelfactor{}
173 \newcommand*\ESO@griddelta{}\newcommand*\ESO@griddeltaY{}
174 \newcommand*\ESO@gridDelta{}\newcommand*\ESO@gridDeltaY{}
175 \newcommand*\ESO@gridcolor{}
176 \newcommand*\ESO@subgridcolor{}
177 \newcommand*\ESO@subgridstyle{dotted}% ???
178 \newcommand*\ESO@gap{}
179 \newcommand*\ESO@yoffsetI{}\newcommand*\ESO@yoffsetII{}
180 \newcommand*\ESO@gridlines{\thinlines}
181 \newcommand*\ESO@subgridlines{\thinlines}
182 \newcommand*\ESO@hline[1]{\ESO@subgridlines\line(1,0){#1}}
183 \newcommand*\ESO@vline[1]{\ESO@subgridlines\line(0,1){#1}}
184 \newcommand*\ESO@Hline[1]{\ESO@gridlines\line(1,0){#1}}
185 \newcommand*\ESO@Vline[1]{\ESO@gridlines\line(0,1){#1}}
186 \newcommand\ESO@fcolorbox[3]{\fbox{#3}}
187 \newcommand\ESO@color[1]{}
188 \newcommand\ESO@colorbox[2]{%
189   \begingroup
190     \fboxrule=\z@\fbox{#2}%
191   \endgroup
192 }

```

\gridSetup

```

193 \newcommand\gridSetup[6]{}
194 \edef\ESO@gridunitname{#1}\edef\ESO@gridunit{#2}
195 \edef\ESO@labelfactor{#3}\edef\ESO@griddelta{#4}
196 \edef\ESO@gridDelta{#5}\edef\ESO@gap{#6}

```

All the key-value options

```

197 \define@key{ESO}{texcoord}[true]{\csname ESO@texcoord#1\endcsname}
198 \define@key{ESO}{pscoord}[true]{\csname @tempswa#1\endcsname
199   \if@tempswa\ESO@texcoordfalse\else\ESO@texcoordtrue\fi}
200 \define@key{ESO}{dvips}[true]{\csname ESO@dvips#1\endcsname}
201 \define@key{ESO}{grid}[true]{\csname ESO@grid#1\endcsname
202   \setkeys{ESO}{gridcolor=black,subgridcolor=black}}
203 \define@key{ESO}{gridBG}[true]{\csname ESO@gridBG#1\endcsname}
204 \define@key{ESO}{colorgrid}[true]{\csname ESO@grid#1\endcsname
205   \setkeys{ESO}{gridcolor=red,subgridcolor=green}}
206 \define@key{ESO}{gridcolor}{\def\ESO@gridcolor{#1}}
207 \define@key{ESO}{subgridcolor}{\def\ESO@subgridcolor{#1}}
208 \define@key{ESO}{subgridstyle}{\def\ESO@subgridstyle{#1}}%
209 \define@key{ESO}{gridunit}{%
210   \def\@tempa{#1}
211   \def\@tempb{bp}
212   \ifx\@tempa\@tempb
213     \gridSetup[\@tempa]{1bp}{1}{10}{50}{2}
214   \else
215     \def\@tempb{pt}
216     \ifx\@tempa\@tempb
217       \gridSetup[\@tempa]{\p@}{1}{10}{50}{2}
218     \else
219       \def\@tempb{in}
220       \ifx\@tempa\@tempb
221         \gridSetup[\@tempa]{.1in}{.1}{2}{10}{.5}
222       \else
223         \gridSetup[mm]{1mm}{1}{5}{20}{1}
224       \fi
225     \fi
226   \fi
227 }
228 \setkeys{ESO}{subgridstyle=solid,pscoord=true,gridunit=mm}

229 \providecommand*\@classoptionslist{}

```

`\ProcessOptionsWithKV` This macro can process package options using ‘key=value’ syntax.

```

230 \def\ProcessOptionsWithKV#1{%
231   \let\@tempc\@empty
232   \@for\CurrentOption:=\@classoptionslist\do{%
233     \@ifundefined{KV@#1\CurrentOption}%
234     {}{\edef\@tempc{\@tempc,\CurrentOption,}}}%
235   \edef\@tempc{%
236     \noexpand\setkeys{#1}{\@tempc\@optionlist{\@currname.\@currentt}}}%
237   \@tempc
238   \AtEndOfPackage{\let\@unprocessedoptions\relax}}%

239 \ProcessOptionsWithKV{ESO}%

```

`\ESO@div` Divides length #1 by #2 \times `\ESO@gridunit` and adds one. Result is in `\@tempcnta`.

```

240 \newcommand\ESO@div[2]{%
241   \ESO@tempdima=#1\relax\ESO@tempdimb=\ESO@gridunit\relax
242   \ESO@tempdimb=#2\ESO@tempdimb\divide\ESO@tempdima by \ESO@tempdimb
243   \@tempcnta\ESO@tempdima\advance\@tempcnta\@ne}

```

```

244 \@ifundefined{colorbox}{%
245   \IfFileExists{xcolor.sty}{\RequirePackage{xcolor}}}%
246   {\RequirePackage{color}}}%
247 }{}%
248 \let\ESO@color=\color
249 \renewcommand\ESO@colorbox[2]{%
250   \begingroup
251     \fboxsep=.4ex %
252     \colorbox{#1}{#2}%
253   \endgroup
254 }
255 \renewcommand\ESO@fcolorbox[3]{%
256   \begingroup
257     \fboxsep=.5ex %
258     \fcolorbox{#1}{#2}{#3}%
259   \endgroup
260 }
261 \AtBeginDocument{%
262   \ESO@dvi false
263   \@ifundefined{Gin@driver}{}%
264   {%
265     \ifx\Gin@driver\empty\else%
266       \filename@parse{\Gin@driver}\def\reserved@a{dvips}%
267       \ifx\filename@base\reserved@a\ESO@dvi true\fi
268     \fi
269   }%
270   \ifESO@dvi false\def\@tempb{eepic}\else\def\@tempb{epic}\fi
271   \def\@tempa{dotted}%\def\ESO@gap{6\@wholewidth}%
272   \ifx\@tempa\ESO@subgridstyle
273     \IfFileExists{\@tempb.sty}%
274     {%
275       \RequirePackage{\@tempb}
276       \renewcommand*\ESO@hline[1]{\ESO@subgridlines\dottedline{\ESO@gap}%
277         (0,0)(##1,0)}
278       \renewcommand*\ESO@vline[1]{\ESO@subgridlines\dottedline{\ESO@gap}%
279         (0,0)(0,##1)}
280     }{}
281   \else
282     \ifx\ESO@gridcolor\ESO@subgridcolor
283       \renewcommand*\ESO@gridlines{\thicklines}
284     \fi
285   \fi
286 % \changes{v3.0b}{2023/03/23}{More code inside \cmd{\AtBeginDocument}}
287 \ifESO@texcoord
288   \def\ESO@yoffsetI{\z@}\def\ESO@yoffsetII{-\paperheight}
289   \edef\ESO@griddeltaY{-\ESO@griddelta}\edef\ESO@gridDeltaY{-\ESO@gridDelta}
290 \else
291   \def\ESO@yoffsetI{-\paperheight}\def\ESO@yoffsetII{\z@}
292   \edef\ESO@griddeltaY{\ESO@griddelta}\edef\ESO@gridDeltaY{\ESO@gridDelta}
293 \fi
294 }

```

\ESO@gridpicture

```

295 \newcommand\ESO@gridpicture{%

```



```

296 \beginpgroup
297 \setlength\unitlength{\ESO@gridunit}%
298 \ESO@color{\ESO@subgridcolor}%
— horizontal subgrid lines —
299 \ESO@div{\paperheight}{\ESO@griddelta}%
300 \multiput(0,0)(0,\ESO@griddeltaY){\@tempcnta}%
301 {\ESO@hline{\paperwidth}}%
— vertical subgrid lines —
302 \ESO@div{\paperwidth}{\ESO@griddelta}%
303 \multiput(0,\ESO@yoffsetII)(\ESO@griddelta,0){\@tempcnta}%
304 {\ESO@vline{\paperheight}}%
305 \ESO@color{\ESO@gridcolor}%
— horizontal grid lines —
306 \ESO@div{\paperheight}{\ESO@gridDelta}%
307 \multiput(0,0)(0,\ESO@gridDeltaY){\@tempcnta}%
308 {\ESO@Hline{\paperwidth}}%
— vertical grid lines —
309 \ESO@div{\paperwidth}{\ESO@gridDelta}%
310 \multiput(0,\ESO@yoffsetII)(\ESO@gridDelta,0){\@tempcnta}%
311 {\ESO@Vline{\paperheight}}%
— horizontal numbers —
312 \fontsize{10}{12}\normalfont%
313 \ESO@div{\paperwidth}{\ESO@gridDelta}%
314 \multiput(0,\ESO@gridDeltaY)(\ESO@gridDelta,0){\@tempcnta}{%
315 \@tempcntb=\@tempcnta\advance\@tempcntb-\@multicnt
316 \ifnum\@tempcntb>1\relax
317 \multiply\@tempcntb by \ESO@gridDelta\relax
318 \ESO@tempdima=\@tempcntb sp\ESO@tempdima=\ESO@labelfactor\ESO@tempdima
319 \@tempcntb=\ESO@tempdima%
320 \makebox(0,0)[c]{\ESO@colorbox{white}{\the\@tempcntb}}}%
321 \fi}%
— vertical numbers —
322 \ifx\ESO@gridunitname\@empty\def\@tempa{0}\else\def\@tempa{1}\fi
323 \ESO@div{\paperheight}{\ESO@gridDelta}%
324 \multiput(\ESO@gridDelta,0)(0,\ESO@gridDeltaY){\@tempcnta}{%
325 \@tempcntb=\@tempcnta\advance\@tempcntb-\@multicnt%
326 \ifnum\@tempcntb>\@tempa\relax
327 \multiply\@tempcntb by \ESO@gridDelta\relax%
328 \ESO@tempdima=\@tempcntb sp\ESO@tempdima=\ESO@labelfactor\ESO@tempdima
329 \@tempcntb=\ESO@tempdima
330 \makebox(0,0)[c]{\ESO@colorbox{white}{\the\@tempcntb}}}%
331 \fi
332 }%
— the unit label —
333 \ifx\ESO@gridunitname\@empty\else
334 \thicklines\fbboxrule=\@wholewidth
335 \put(\ESO@gridDelta,\ESO@gridDeltaY){\makebox(0,0)[c]{%
336 \ESO@fcolorbox{\ESO@gridcolor}{white}{%
337 \textbf{\ESO@gridunitname}}}%
338 \fi

```

```

339 \normalcolor%
340 \endgroup
341 }

```

Add the grid to the shipout picture (`\ESO@HookIIIFG` or `\ESO@HookIIIBG`) is independent from the user commands `\AddToShipoutPictureBG` and `\AddToShipoutPictureBG*`.

```

342 \ifESO@grid
343 \ifESO@gridBG
344 \g@addto@macro\ESO@HookIIIBG{\ESO@gridpicture}%
345 \else
346 \g@addto@macro\ESO@HookIIIFG{\ESO@gridpicture}%
347 \fi
348 \fi

```

Change History

v0.4	package options for background grids.	1
General: Initial version		1
v0.5	v1.1a	
General: Some bug corrections . . .	<code>\ESO@gridpicture</code> : Font setting added.	9
v0.6	v1.1b	
General: Some corrections for compatibility with the html package suggested by Ross Moore and a licence note	General: New command <code>\AtPageLowerLeft</code>	1
v0.7	New package options "texcoord" and "pscoord"	1
General: New command <code>\AddToShipoutPicture*</code>	v1.1c	
v1.0	General: Remove the disadvantageous check of 'pdfTeX'. Now using with Xe _{La} TeX should be possible. . .	8
General: New commands <code>\LenToUnit</code> , <code>\AtPageUpperLeft</code> , <code>\AtPageCenter</code> , <code>\AtTextUpperLeft</code> , and <code>\AtTextCenter</code>	v2.0a	
v1.0a	General: Better test of color/xcolor	8
<code>\ClearShipoutPictureFG</code> : Changed <code>\let</code> to <code>\global\let</code> (suggested by Alberto Lusiani).	<code>\AtStockCenter</code> : New	3
v1.0c	<code>\AtStockLowerLeft</code> : New	3
General: New command <code>\AtTextLowerLeft</code> and corrections to <code>\AtTextUpperLeft</code>	<code>\AtStockUpperLeft</code> : New	3
v1.0d	<code>\AtTextUpperLeft</code> : Works now for class memoir	3
<code>\LenToUnit</code> : Using <code>\providecommand</code> instead of <code>\newcommand</code> for <code>\LenToUnit</code>	v2.0b	
v1.1	<code>\AddToShipoutPictureFG</code> : New command <code>\AddToShipoutPictureFG</code>	5
General: New commands and	v2.0c	
	General: bugfix for memoir class (reported by YI Hoze)	5
	v2.0d	
	General: grid should be in foreground	10
	Improved color commands	8

v2.0e		New option ‘gridBG’.	7
\AtTextUpperLeft: Wrong		v2.0h	
horizontal position in		General: \@classoptionslist must	
one-column mode	3	not be \relax	7
v2.0f		v3.0a	
\LenToUnit: Changed definition		General: LaTeX’s shipout hooks	
for better compatibility with		instead of ‘atbegshi’ (RN). . . .	5
package curve2e suggested by		\LenToUnit: No more used. (RN). .	2
Claudio Beccari.	2	v3.0b	
v2.0g		General: More code inside	
General: Foreground/background		\AtBeginDocument	8
grid.	10	v3.0c	
New \ifESO@gridBG for		\AtTextUpperLeft: Wrong	
foreground/background grid. . .	6	horizontal position in memoir	
New macro \ESO@HookIIIFG for		one-side mode (issue #5)	3
foreground grid.	4		

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