

# 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  $\text{\LaTeX}$  documents (`eso-*.tex`).

### 2.1 Basic commands for adding $\text{\LaTeX}$ 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 $\text{\LaTeX}$ 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.

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\*This document corresponds to `eso-pic` v3.0e, dated 2026/05/31.

`\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, 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, false</i>	The zero point of the coordinate system is the upper left corner of the page.
<code>grid</code>	empty or <i>true, false</i>	A grid is drawing; default: false.
<code>gridBG</code>	empty or <i>true, false</i>	Put the grid in the background; default: false.
<code>gridunit</code>	<i>mm, in, bp, 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, false</i>	Shortcut for ‘grid=true’, ‘gridcolor=red’ and ‘subgridcolor=green’; default: false.
<code>dvips</code>	empty or <i>true, 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>eeepic</code> is loaded for better performance of dotted lines.
<code>enabled</code>	empty or <i>true, false</i>	Determines whether the output of this package is enabled or not (only for special cases); default: true

## 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     \begingroup
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     \endgroup
74   }%
75 }{%
76   \newcommand\AtTextUpperLeft[1]{%
77     \begingroup
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     \endgroup
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

\ESO@HookIIIBG

\ESO@HookIFG

\ESO@HookIIFG

\ESO@HookIIIFG

```

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

```

```

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}

```

### 3.2 The background grid

```

124 \RequirePackage{keyval}

Initialising some macros
125 \newif\ifESO@enabled\ESO@enabledtrue
126 \newif\ifESO@dvi\ESO@dvi false \newif\ifESO@grid\ESO@grid false
127 \newif\ifESO@texcoord\ESO@texcoord false \newif\ifESO@gridBG\ESO@gridBG false
128 \newcommand*\ESO@gridunitname{\}
129 \newcommand*\ESO@gridunit{\}
130 \newcommand*\ESO@labelfactor{\}
131 \newcommand*\ESO@griddelta{\}\newcommand*\ESO@griddeltaY{\}
132 \newcommand*\ESO@gridDelta{\}\newcommand*\ESO@gridDeltaY{\}
133 \newcommand*\ESO@gridcolor{\}
134 \newcommand*\ESO@subgridcolor{\}
135 \newcommand*\ESO@subgridstyle{dotted}% ???
136 \newcommand*\ESO@gap{\}
137 \newcommand*\ESO@yoffsetI{\}\newcommand*\ESO@yoffsetII{\}
138 \newcommand*\ESO@gridlines{\thinlines}
139 \newcommand*\ESO@subgridlines{\thinlines}
140 \newcommand*\ESO@hline[1]{\ESO@subgridlines\line(1,0){#1}}
141 \newcommand*\ESO@vline[1]{\ESO@subgridlines\line(0,1){#1}}
142 \newcommand*\ESO@Hline[1]{\ESO@gridlines\line(1,0){#1}}
143 \newcommand*\ESO@Vline[1]{\ESO@gridlines\line(0,1){#1}}
144 \newcommand\ESO@fcolorbox[3]{\fbox{#3}}

```

```

145 \newcommand\ESO@color[1]{%
146 \newcommand\ESO@colorbox[2]{%
147   \begingroup
148     \fboxrule=\z@\fbox{#2}%
149   \endgroup
150 }

\gridSetup
151 \newcommand\gridSetup[6][]{%
152   \edef\ESO@gridunitname{#1}\edef\ESO@gridunit{#2}
153   \edef\ESO@labelfactor{#3}\edef\ESO@griddelta{#4}
154   \edef\ESO@gridDelta{#5}\edef\ESO@gap{#6}}

All the key-value options
155 \define@key{ESO}{enabled}[true]{\csname ESO@enabled#1\endcsname}
156 \define@key{ESO}{texcoord}[true]{\csname ESO@texcoord#1\endcsname}
157 \define@key{ESO}{pscoord}[true]{\csname @tempswa#1\endcsname
158   \if@tempswa\ESO@texcoordfalse\else\ESO@texcoordtrue\fi}
159 \define@key{ESO}{dvips}[true]{\csname ESO@dvips#1\endcsname}
160 \define@key{ESO}{grid}[true]{\csname ESO@grid#1\endcsname
161   \setkeys{ESO}{gridcolor=black,subgridcolor=black}}
162 \define@key{ESO}{gridBG}[true]{\csname ESO@gridBG#1\endcsname}
163 \define@key{ESO}{colorgrid}[true]{\csname ESO@grid#1\endcsname
164   \setkeys{ESO}{gridcolor=red,subgridcolor=green}}
165 \define@key{ESO}{gridcolor}{\def\ESO@gridcolor{#1}}
166 \define@key{ESO}{subgridcolor}{\def\ESO@subgridcolor{#1}}
167 \define@key{ESO}{subgridstyle}{\def\ESO@subgridstyle{#1}}%
168 \define@key{ESO}{gridunit}{%
169   \def\@tempa{#1}
170   \def\@tempb{bp}
171   \ifx\@tempa\@tempb
172     \gridSetup[\@tempa]{1bp}{1}{10}{50}{2}
173   \else
174     \def\@tempb{pt}
175     \ifx\@tempa\@tempb
176       \gridSetup[\@tempa]{\p@}{1}{10}{50}{2}
177     \else
178       \def\@tempb{in}
179       \ifx\@tempa\@tempb
180         \gridSetup[\@tempa]{.1in}{.1}{2}{10}{.5}
181       \else
182         \gridSetup[mm]{1mm}{1}{5}{20}{1}
183       \fi
184     \fi
185   \fi
186 }
187 \setkeys{ESO}{subgridstyle=solid,pscoord=true,gridunit=mm}
188 \providecommand*\@classoptionslist{}

```

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

```

189 \def\ProcessOptionsWithKV#1{%
190   \let\@tempc\@empty
191   \@for\CurrentOption:=\@classoptionslist\do{%
192     \ifundefined{KV@#1@\CurrentOption}%

```

```

193     {}{\edef\@tempc{\@tempc,\CurrentOption,}}}%
194 \edef\@tempc{%
195     \noexpand\setkeys{#1}{\@tempc\@optionlist{\@currname.\@currentt}}}%
196 \@tempc
197 \AtEndOfPackage{\let\@unprocessedoptions\relax}}%

198 \ProcessOptionsWithKV{ESO}%

\ESO@div Divides length #1 by #2  $\times$  \ESO@gridunit and adds one. Result is in \@tempcnta.
199 \newcommand\ESO@div[2]{%
200     \ESO@tempdima=#1\relax\ESO@tempdimb=\ESO@gridunit\relax
201     \ESO@tempdimb=#2\ESO@tempdimb\divide\ESO@tempdima by \ESO@tempdimb
202     \@tempcnta\ESO@tempdima\advance\@tempcnta\@ne}

203 \@ifundefined{colorbox}{%
204     \IfFileExists{xcolor.sty}{\RequirePackage{xcolor}}}%
205     {\RequirePackage{color}}}%
206 }{%
207 \let\ESO@color=\color
208 \renewcommand\ESO@colorbox[2]{%
209     \begingroup
210         \fboxsep=.4ex %
211         \colorbox{#1}{#2}%
212     \endgroup
213 }
214 \renewcommand\ESO@fcolorbox[3]{%
215     \begingroup
216         \fboxsep=.5ex %
217         \fcolorbox{#1}{#2}{#3}%
218     \endgroup
219 }

220 \ESO@isMEMOIR{%
221     \newcommand*\ESO@MEMOIR@corr{%
222         \ESO@tempdima=-\trimedge
223         \advance\ESO@tempdima-\paperwidth
224         \advance\ESO@tempdima\stockwidth
225         \if@twoside\ifodd\c@page\else
226             \advance\ESO@tempdima2\trimedge
227             \advance\ESO@tempdima\paperwidth
228             \advance\ESO@tempdima-\stockwidth
229         \fi\fi
230         \ESO@tempdimb=\ESO@yoffsetI
231         \advance\ESO@tempdimb-\trimtop
232     }
233     \ifESO@enabled
234         \AddToHook{shipout/background}{%
235             \ESO@MEMOIR@corr
236             \put(\ESO@tempdima,\ESO@tempdimb){%
237                 \ESO@HookIIIBG\ESO@HookIBG\ESO@HookIIBG
238                 \global\let\ESO@HookIIBG\@empty
239             }%
240         }%
241         \AddToHook{shipout/foreground}{%

```

```

242 \ESO@MEMOIR@corr
243 \put(\ESO@tempdima,\ESO@tempdimb){%
244 \ESO@HookIFG\ESO@HookIIFG\ESO@HookIIIFG
245 \global\let\ESO@HookIIFG\@empty
246 }%
247 }%
248 \fi
249 }{%
250 \ifESO@enabled
251 \AddToHook{shipout/background}{%
252 \put(0,\ESO@yoffsetI){%
253 \ESO@HookIIIIBG\ESO@HookIBG\ESO@HookIIBG
254 \global\let\ESO@HookIIBG\@empty
255 }%
256 }%
257 \AddToHook{shipout/foreground}{%
258 \put(0,\ESO@yoffsetI){%
259 \ESO@HookIFG\ESO@HookIIFG\ESO@HookIIIFG
260 \global\let\ESO@HookIIFG\@empty
261 }%
262 }%
263 \fi
264 }

265 \AtBeginDocument{%
266 \ESO@dvinfosfalse
267 \@ifundefined{Gin@driver}{}%
268 {%
269 \ifx\Gin@driver\@empty\else%
270 \filename@parse{\Gin@driver}\def\reserved@a{dvips}%
271 \ifx\filename@base\reserved@a\ESO@dvpistrue\fi
272 \fi
273 }%
274 \ifESO@dvinfos\def\@tempb{eepic}\else\def\@tempb{epic}\fi
275 \def\@tempa{dotted}%\def\ESO@gap{6\@wholewidth}%
276 \ifx\@tempa\ESO@subgridstyle
277 \IfFileExists{\@tempb.sty}%
278 {%
279 \RequirePackage{\@tempb}
280 \renewcommand*\ESO@hline[1]{\ESO@subgridlines\dottedline{\ESO@gap}%
281 (0,0)(##1,0)}
282 \renewcommand*\ESO@vline[1]{\ESO@subgridlines\dottedline{\ESO@gap}%
283 (0,0)(0,##1)}
284 }{}
285 \else
286 \ifx\ESO@gridcolor\ESO@subgridcolor
287 \renewcommand*\ESO@gridlines{\thicklines}
288 \fi
289 \fi
290 % \changes{v3.0b}{2023/03/23}{More code inside \cmd{\AtBeginDocument}}
291 \ifESO@texcoord
292 \def\ESO@yoffsetI{\z@}\def\ESO@yoffsetII{-\paperheight}
293 \edef\ESO@griddeltaY{-\ESO@griddelta}\edef\ESO@gridDeltaY{-\ESO@gridDelta}
294 \else
295 \def\ESO@yoffsetI{-\paperheight}\def\ESO@yoffsetII{\z@}

```



```

296     \edef\ESO@griddeltaY{\ESO@griddelta}\edef\ESO@gridDeltaY{\ESO@gridDelta}
297   \fi
298 }

\GridPicture

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

```

— the unit label —

```

337 \ifx\ESO@gridunitname\@empty\else
338 \thicklines\fbboxrule=@wholewidth
339 \put(\ESO@gridDelta,\ESO@gridDeltaY){\makebox(0,0)[c]{%
340 \ESO@fcolorbox{\ESO@gridcolor}{white}{%
341 \textbf{\ESO@gridunitname}}}%
342 \fi
343 \normalcolor%
344 \endgroup
345 }

```

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

```

346 \ifESO@grid
347 \ifESO@gridBG
348 \g@addto@macro\ESO@HookIIIBG{\GridPicture}%
349 \else
350 \g@addto@macro\ESO@HookIIIFG{\GridPicture}%
351 \fi
352 \fi

```

## Change History

v0.4		<code>\AtTextUpperLeft</code> . . . . .	1
General: Initial version	1	v1.0d	
v0.5		<code>\LenToUnit</code> : Using	
General: Some bug corrections	1	<code>\providecommand</code> instead of	
v0.6		<code>\newcommand</code> for <code>\LenToUnit</code>	2
General: Some corrections for		v1.1	
compatibility with the html		General: New commands and	
package suggested by Ross		package options for background	
Moore and a licence note	1	grids. . . . .	1
v0.7		v1.1a	
General: New command		<code>\GridPicture</code> : Font setting added.	9
<code>\AddToShipoutPicture*</code>	1	v1.1b	
v1.0		General: New command	
General: New commands		<code>\AtPageLowerLeft</code>	1
<code>\LenToUnit</code> ,		New package options "texcoord"	
<code>\AtPageUpperLeft</code> ,		and "pscoord"	1
<code>\AtPageCenter</code> ,		v1.1c	
<code>\AtTextUpperLeft</code> , and		General: Remove the	
<code>\AtTextCenter</code> . . . . .	1	disadvantageous check of	
v1.0a		'pdfTeX'. Now using with	
<code>\ClearShipoutPictureFG</code> :		Xe <sup>L</sup> TeX should be possible. . .	7
Changed <code>\let</code> to <code>\global\let</code>		v2.0a	
(suggested by Alberto Lusiani).	5	General: Better test of color/xcolor	7
v1.0c		<code>\AtStockCenter</code> : New	3
General: New command		<code>\AtStockLowerLeft</code> : New	3
<code>\AtTextLowerLeft</code> and		<code>\AtStockUpperLeft</code> : New	3
corrections to			

<code>\AtTextUpperLeft</code> : Works now for class memoir . . . . .	3	grid. . . . .	10
v2.0b		New <code>\ifESO@gridBG</code> for foreground/background grid. . .	5
<code>\AddToShipoutPictureFG</code> : New command		New macro <code>\ESO@HookIIIFG</code> for foreground grid. . . . .	4
<code>\AddToShipoutPictureFG</code> . . . .	5	New option ‘gridBG’. . . . .	6
v2.0c		v2.0h	
General: bugfix for memoir class (reported by YI Hoze) . . . . .	7	General: <code>\@classoptionslist</code> must not be <code>\relax</code> . . . . .	6
v2.0d		v3.0a	
General: grid should be in foreground . . . . .	10	General: LaTeX’s shipout hooks instead of ‘atbegshi’ (RN). . . .	5
Improved color commands . . . .	7	<code>\LenToUnit</code> : No more used. (RN). .	2
v2.0e		v3.0b	
<code>\AtTextUpperLeft</code> : Wrong horizontal position in one-column mode . . . . .	3	General: More code inside <code>\AtBeginDocument</code> . . . . .	7
v2.0f		v3.0c	
<code>\LenToUnit</code> : Changed definition for better compatibility with package <code>curve2e</code> suggested by Claudio Beccari. . . . .	2	<code>\AtTextUpperLeft</code> : Wrong horizontal position in memoir one-side mode (issue #5) . . . .	3
v2.0g		v3.0e	
General: Foreground/background		<code>\GridPicture</code> : <code>\ESO@gridpicture</code> renamed to <code>\GridPicture</code> . . . .	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; numbers in roman refer to the code lines where the entry is used.

<b>Symbols</b>	<code>\@tempb</code> . . .	170, 171,	<code>\AddToShipoutPictureBG</code> . . . . .	1, <u>114</u>
<code>\@classoptionslist</code> .	174, 175, 178,		<code>\AddToShipoutPictureBG*</code> . . . . .	1
. . . . .	188, 191	179, 274, 277, 279	<code>\AddToShipoutPictureFG</code> . . . . .	1, <u>114</u> , <u>118</u>
<code>\@currentx</code> . . . . .	195	<code>\@tempc</code> . . . . .	<code>\AddToShipoutPictureFG*</code> . . . . .	1
<code>\@currname</code> . . . . .	195	193, 194, 195, 196	<code>\advance</code> . . . .	19, 20,
<code>\@empty</code> 120, 123, 190,		<code>\@tempcnta</code> 202, 304,	25, 26, 63, 64,	
238, 245, 254,		307, 311, 314,	81, 83, 86, 89,	
260, 269, 326, 337		318, 319, 328, 329	90, 91, 202, 223,	
<code>\@for</code> . . . . .	191	<code>\@tempcntb</code> 319, 320,	224, 226, 227,	
<code>\@ifclassloaded</code> . . . .	5	321, 322, 323,	228, 231, 319, 329	
<code>\@ifstar</code> . . . . .	115, 119	324, 329, 330,	<code>\AtBeginDocument</code> . .	
<code>\@ifundefined</code> . . . .		331, 332, 333, 334	. . . . .	265, 290
. . . . .	192, 203, 267	<code>\@unprocessedoptions</code> . . . . .	<code>\AtEndOfPackage</code> . . .	197
<code>\@multicnt</code> . . .	319, 329	197	<code>\AtPageCenter</code> .	2, <u>11</u> , 53
<code>\@ne</code> . . . . .	202	<code>\@wholewidth</code> . .	<code>\AtPageLowerLeft</code> . .	2, <u>9</u> , 27, 33
<code>\@ptionlist</code> . . . . .	195	275, 338		
<code>\@tempa</code> . . . . .	169,	<b>A</b>		
171, 172, 175,		<code>\AddToHook</code> . . . . .		
176, 179, 180,		. 234, 241, 251, 257		
275, 276, 326, 330		<code>\AddToShipoutPicture</code> . . . . .		
		. . . . .		
		116, 117		

<code>\AtPageUpperLeft</code> . . . . .	<code>\endcsname</code> . . . . .	<code>\ESO@HookIIFG</code> . . . . .
6, 9, 11, 43, 70, 92	. 155, 156, 157,	. . . . 4, 106, 119,
<code>\AtStockCenter</code> . . . . .	159, 160, 162, 163	244, 245, 259, 260
<code>\AtStockLowerLeft</code> . . . . .	<code>\endgroup</code> 30, 73, 95,	<code>\ESO@HookIIII</code> . . . . .
. . . . . 2, 14, 38, 48	149, 212, 218, 344	<code>\ESO@HookIIIBG</code> 4, 104,
<code>\AtStockUpperLeft</code> 2, 35	<code>\ESO@color</code> . . . . .	113, 237, 253, 348
<code>\AtTextCenter</code> . . . . .	. 145, 207, 302, 309	<code>\ESO@HookIIIFG</code> . . . . .
<code>\AtTextLowerLeft</code> . . . . .	<code>\ESO@colorbox</code> . . . . .	107, 244, 259, 350
<code>\AtTextUpperLeft</code> . . . . .	. 146, 208, 324, 334	<code>\ESO@isMEMOIR</code> . . . . .
. . . . . 2, 55, 98, 100	<code>\ESO@div</code> 199, 303, 306,	15, 36, 46, 55, 220
	310, 313, 317, 327	<code>\ESO@labelfactor</code> . . . . .
<b>B</b>	<code>\ESO@dvijsfalse</code> 126, 266	. 130, 153, 322, 332
<code>\begingroup</code> 17, 57, 77,	<code>\ESO@dvijstrue</code> . . . . .	<code>\ESO@MEMOIR@corr</code> . . . . .
147, 209, 215, 300	<code>\ESO@enabledtrue</code> . . . . .	. . . . . 221, 235, 242
	<code>\ESO@fcolorbox</code> . . . . .	<code>\ESO@subgridcolor</code> . . . . .
<b>C</b>	. . . . . 144, 214, 340	. 134, 166, 286, 302
<code>\c@page</code> . . . . . 21, 59, 80, 225	<code>\ESO@gap</code> . . . . . 136,	<code>\ESO@subgridlines</code> . . . . .
<code>\changes</code> . . . . . 290	154, 275, 280, 282	. . . . . 139,
<code>\ClearShipoutPicture</code> . . . . .	<code>\ESO@gridBGfalse</code> . . . . .	140, 141, 280, 282
. . . . . 120	<code>\ESO@gridcolor</code> 133,	<code>\ESO@subgridstyle</code> . . . . .
<code>\ClearShipoutPictureBG</code> . . . . .	165, 286, 309, 340	. . . . . 135, 167, 276
. . . . . 1, 120	<code>\ESO@gridDelta</code> 132,	<code>\ESO@tempdima</code> . . . . .
<code>\ClearShipoutPictureFG</code> . . . . .	154, 293, 296,	. . . . . 2, 18, 19,
. . . . . 1, 120	310, 313, 314,	20, 22, 28, 60,
<code>\cmd</code> . . . . . 290	317, 318, 321,	62, 63, 64, 67,
<code>\color</code> . . . . . 207	327, 328, 331, 339	71, 78, 81, 83,
<code>\colorbox</code> . . . . . 211	<code>\ESO@griddelta</code> . . . . .	86, 93, 200, 201,
<code>\csname</code> 155, 156, 157,	. 131, 153, 293,	202, 222, 223,
159, 160, 162, 163	296, 303, 306, 307	224, 226, 227,
<code>\CurrentOption</code> . . . . .	<code>\ESO@gridDeltaY</code> . . . . .	228, 236, 243,
. . . . . 191, 192, 193	. 132, 293, 296,	322, 323, 332, 333
	311, 318, 328, 339	<code>\ESO@tempdimb</code> 3, 24,
<b>D</b>	<code>\ESO@griddeltaY</code> . . . . .	25, 26, 28, 69,
<code>\def</code> 165, 166, 167, 169,	. 131, 293, 296, 304	71, 88, 89, 90,
170, 174, 178,	<code>\ESO@gridfalse</code> . . . . .	91, 93, 200, 201,
189, 270, 274,	<code>\ESO@gridlines</code> . . . . .	230, 231, 236, 243
275, 292, 295, 326	. 138, 142, 143, 287	<code>\ESO@texcoordfalse</code> . . . . .
<code>\define@key</code> . . . . . 155,	<code>\ESO@gridunit</code> . . . . .	. . . . . 127, 158
156, 157, 159,	. 129, 152, 200, 301	<code>\ESO@texcoordtrue</code> . . . . .
160, 162, 163,	<code>\ESO@gridunitname</code> . . . . .	<code>\ESO@Vline</code> . . . . . 143, 315
165, 166, 167, 168	. . . . . 128,	<code>\ESO@vline</code> 141, 282, 308
<code>\divide</code> . . . . . 201	152, 326, 337, 341	<code>\ESO@yoffsetI</code> . . . . .
<code>\do</code> . . . . . 191	<code>\ESO@Hline</code> . . . . . 142, 312	. . . . . 7, 137, 230,
<code>\dottedline</code> . . . . . 280, 282	<code>\ESO@hline</code> 140, 280, 305	252, 258, 292, 295
	<code>\ESO@HookI</code> . . . . . 108, 111	<code>\ESO@yoffsetII</code> 137,
<b>E</b>	<code>\ESO@HookIBG</code> . . . . .	292, 295, 307, 314
<code>\edef</code> . . . . . 152, 153, 154,	. . . . . 4, 102, 111,	<code>\evensidemargin</code> . . . . . 83
193, 194, 293, 296	115, 120, 237, 253	
<code>\else</code> . . . . . 21, 61, 66,	<code>\ESO@HookIFG</code> . . . . . 4, 105,	<b>F</b>
82, 85, 158, 173,	119, 123, 244, 259	<code>\fbox</code> . . . . . 144, 148
177, 181, 225,	<code>\ESO@HookII</code> . . . . . 109, 112	<code>\fboxrule</code> . . . . . 148, 338
269, 274, 285,	<code>\ESO@HookIIBG</code> . . . . .	<code>\fboxsep</code> . . . . . 210, 216
294, 326, 337, 349	. 4, 103, 112, 115,	<code>\fcolorbox</code> . . . . . 217
	237, 238, 253, 254	

<code>\fi</code> 23, 65, 68, 84, 87, 158, 183, 184, 185, 229, 248, 263, 271, 272, 274, 288, 289, 297, 325, 326, 335, 342, 351, 352	<code>\ifx</code> ..... 171, 175, 179, 269, 271, 276, 286, 326, 337	<code>\put</code> ..... 7, 10, 12, 28, 39, 49, 71, 93, 99, 101, 236, 243, 252, 258, 339
<b>G</b>	<b>L</b>	<b>R</b>
<code>\g@addto@macro</code> .... . 115, 119, 348, 350	<code>\LenToUnit</code> ..... 1, 1	<code>\relax</code> 78, 88, 197, 200, 320, 321, 330, 331
<code>\Gin@driver</code> ... 269, 270	<code>\let</code> . 33, 43, 53, 111, 112, 113, 117, 120, 122, 123, 190, 197, 207, 238, 245, 254, 260	<code>\renewcommand</code> ... 5, 16, 37, 47, 208, 214, 280, 282, 287
<code>\global</code> ... 120, 123, 238, 245, 254, 260	<code>\line</code> . 140, 141, 142, 143	<code>\RequirePackage</code> ... . 124, 204, 205, 279
<code>\GridPicture</code> ..... .... 299, 348, 350	<b>M</b>	<code>\reserved@a</code> ... 270, 271
<code>\gridSetup</code> .. 1, 151, 172, 176, 180, 182	<code>\makebox</code> .. 324, 334, 339	<b>S</b>
<b>H</b>	<code>\multiply</code> .... 321, 331	<code>\setkeys</code> ..... . 161, 164, 187, 195
<code>\headheight</code> ..... 90	<code>\multiput</code> . 304, 307, 311, 314, 318, 328	<code>\setlength</code> ..... 301
<code>\headsep</code> ..... 91	<b>N</b>	<code>\spinewidth</code> . 60, 64, 67
<b>I</b>	<code>\newdimen</code> ..... 2, 3	<code>\stockheight</code> . 24, 39, 49
<code>\if@tempswa</code> ..... 158	<code>\newif</code> .... 125, 126, 127	<code>\stockwidth</code> ..... .. 18, 49, 224, 228
<code>\if@twoside</code> ..... ... 21, 58, 79, 225	<code>\noexpand</code> ..... 195	<b>T</b>
<code>\ifESO@dvips</code> .. 126, 274	<code>\normalcolor</code> ..... 343	<code>\textbf</code> ..... 341
<code>\ifESO@enabled</code> .... .... 125, 233, 250	<code>\normalfont</code> ..... 316	<code>\textheight</code> .... 99, 101
<code>\ifESO@grid</code> ... 126, 346	<b>O</b>	<code>\textwidth</code> .... 63, 101
<code>\ifESO@gridBG</code> . 127, 347	<code>\oddsidemargin</code> .. 81, 86	<code>\the</code> ..... 324, 334
<code>\ifESO@texcoord</code> 127, 291	<b>P</b>	<code>\thicklines</code> ... 287, 338
<code>\IfFileExists</code> . 204, 277	<code>\p@</code> ..... 176	<code>\thinlines</code> ... 138, 139
<code>\ifnum</code> ..... 320, 330	<code>\paperheight</code> ..... ... 10, 12, 25, 292, 295, 303, 308, 310, 315, 327	<code>\topmargin</code> ..... 89
<code>\ifodd</code> ... 21, 59, 80, 225	<code>\paperwidth</code> 12, 20, 62, 223, 227, 305, 306, 312, 313, 317	<code>\trimedge</code> 19, 22, 222, 226
	<code>\ProcessOptionsWithKV</code> ..... 189, 198	<code>\trimtop</code> ..... 26, 231
	<code>\providecommand</code> . 1, 188	<b>U</b>
		<code>\unitlength</code> ..... 301
		<code>\uppermargin</code> ..... 69
		<b>Z</b>
		<code>\z@</code> ..... 148, 292, 295