L'extension `layout` : affichage des variables de mise en page *

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Ce fichier est maintenu par l'équipe du « LaTeX Project ».
Les rapports d'anomalie peuvent être envoyés en anglais à
`http://latex-project.org/bugs.html` (catégorie `tools`).

1 Introduction

✖This LaTeX 2ε package is a reimplementation of `layout.sty` by Kent McPherson. It defines the command `\layout` which produces an overview of the layout of the current document. The command `\layout*` recomputes the values it uses to produce the overview.

The figure on the next page shows the output of the `\layout` command for this document.

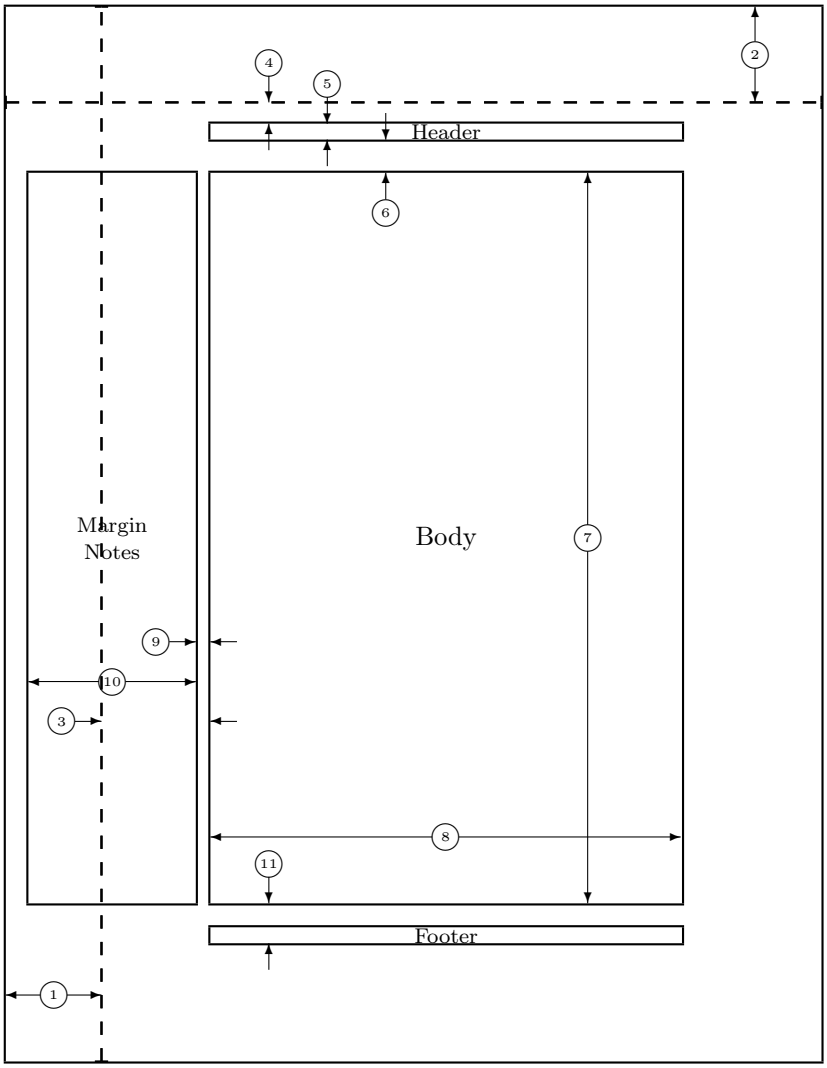
2 The implementation

This package prints a figure to illustrate the layout that is implemented by the document class. In the figure several words appear. They are stored in control sequences to be able to select a different language.

```
1 ⟨*package⟩
2 \DeclareOption{dutch}{%
3   \def\Headertext{Kopregel}
4   \def\Bodytext{Broodtekst}
5   \def\Footertext{Voetregel}
6   \def\MarginNotestext{Marge\\Notities}
7   \def\oneinchtext{een inch}
8   \def\notshown{niet getoond}
9   }
```

*Ce fichier a pour numéro de version v1.2c et a été mis à jour le 28/10/2014. La première traduction, basée sur la version v1.1k, a été publiée par Jean-Pierre Drucbert et Benjamin Bayart en 2000.

†Adaptée à LaTeX 2ε par Johannes Braams et modifiée par Hideo Umeki.



1	one inch + \hoffset	2	one inch + \voffset
3	\oddsidemargin = 82pt	4	\topmargin = 16pt
5	\headheight = 12pt	6	\headsep = 25pt
7	\textheight = 550pt	8	\textwidth = 355pt
9	\marginparsep = 11pt	10	\marginparwidth = 126pt
11	\footskip = 30pt		\marginparpush = 0pt (not shown)
	\hoffset = 0pt		\voffset = 0pt
	\paperwidth = 614pt		\paperheight = 794pt

```
\DeclareOption{german}{%
  \def\Headertext{Kopfzeile}
  \def\Bodytext{Haupttext}
  \def\Footertext{Fu{\ss}zeile}
  \def\MarginNotestext{Rand-\\ notizen}
  \def\oneinchtext{ein Zoll}
  \def\notshown{ohne Abbildung}
  }
\DeclareOption{ngerman}{\ExecuteOptions{german}}
\DeclareOption{english}{%
  \def\Headertext{Header}
  \def\Bodytext{Body}
  \def\Footertext{Footer}
  \def\MarginNotestext{Margin\\Notes}
  \def\oneinchtext{one inch}
  \def\notshown{not shown}
  }
\DeclareOption{french}{%
  \def\Headertext{Ent\^{e}te}
  \def\Bodytext{Corps}
  \def\Footertext{Pied de page}
  \def\MarginNotestext{Marge\\Notes}
  \def\oneinchtext{un pouce}
  \def\notshown{non affich\'{e}}
  }
\DeclareOption{francais}{\ExecuteOptions{french}}
\DeclareOption{spanish}{%
  \def\Headertext{Encabezamiento}
  \def\Bodytext{Cuerpo}
  \def\Footertext{Pie de p\'agina}
  \def\MarginNotestext{Notas\\ Marginales}
  \def\oneinchtext{una pulgada}
  \def\notshown{no mostradas}
  }
\DeclareOption{portuguese}{%
  \def\Headertext{Cabe\c{c}alho}
  \def\Bodytext{Corpo}
  \def\Footertext{Rodap\'e}
  \def\MarginNotestext{Notas\\ Marginais}
  \def\oneinchtext{uma polegada}
  \def\notshown{n\~ao mostradas}
  }
\DeclareOption{brazilian}{%
  \def\Headertext{Cabe\c{c}alho}
  \def\Bodytext{Corpo}
  \def\Footertext{Rodap\'e}
  \def\MarginNotestext{Notas\\ Marginais}
  \def\oneinchtext{uma polegada}
  \def\notshown{n\~ao mostradas}
  }
```

```
\DeclareOption{italian}{%
  \def\Headertext{Testatina}
  \def\Bodytext{Corpo}
  \def\Footertext{Piedino}
  \def\MarginNotestext{Note\\ Marginali}
  \def\oneinchtext{un pollice}
  \def\notshown{non mostrato}
  }
```

This package has an option verbose. Using it will make the command `\layout` type some of the parameters on the terminal.

```
\DeclareOption{verbose}{\let\LayOuttype\typeout}
\DeclareOption{silent}{\let\LayOuttype\@gobble}
```

The normal behaviour of this package when showing the values of the parameters is to truncate them. However, if you want to see the real parameter values you can use the option reals to get that effect.

```
\def\lay@value{}
\DeclareOption{integers}{%
  \renewcommand*{\lay@value}[2]{%
    \expandafter\number\csname #1@#2\endcsname pt}}
\DeclareOption{reals}{%
  \renewcommand*{\lay@value}[2]{\the\csname #2\endcsname}}
```

The default language is English, the default mode is silent and the default way of showing parameter values is to use integers.

```
\ExecuteOptions{english,silent,integers}
\ProcessOptions
```

`\LayOutbs` Define `\LayOutbs` to produce a backslash. We use a definition which also works with OT1 fonts.

```
\newcommand\LayOutbs{}
\chardef\LayOutbs`\\
```

`\ConvertToCount` This macro stores the value of a *length* register in a *count* register.

```
\def\ConvertToCount#1#2{%
```

First copy the value

```
  #1=#2
```

Then divide it by 65536.

```
  \divide #1 by 65536}
```

The result of this is that the *count* register holds the value of the *length* register in points.

`\SetToHalf` `\SetToQuart` Small macros used in computing positions.

```
\def\SetToHalf#1#2{#1=#2\relax\divide#1by\tw@}
\def\SetToQuart#1#2{#1=#2\relax\divide#1by4}
```

`\Identify` A small macro used in identifying dimensions.

```
\def\Identify#1{%
  \put(\PositionX,\PositionY){\circle{20}}
  \put(\PositionX,\PositionY){\makebox(0,0){\tiny #1}}
}
```

`\InsideHArrow` This macro is used to produce two horizontal arrows inside a box. The argument gives the width of the box.

```
\def\InsideHArrow#1{{%
  \ArrowLength = #1
  \divide\ArrowLength by \tw@
  \advance\ArrowLength by -10
  \advance\PositionX by -10
  \ifnum\ArrowLength<\z@
    \put(\PositionX,\PositionY){\vector(1,0){-\ArrowLength}}
    \advance\PositionX by 20
    \put(\PositionX,\PositionY){\vector(-1,0){-\ArrowLength}}
  \else
    \put(\PositionX,\PositionY){\vector(-1,0){\ArrowLength}}
    \advance\PositionX by 20
    \put(\PositionX,\PositionY){\vector(+1,0){\ArrowLength}}
  \fi
}}
```

`\InsideVArrow` This macro is used to produce two vertical arrows inside a box. The argument gives the height of the box.

```
\def\InsideVArrow#1{{%
  \ArrowLength = #1
  \divide\ArrowLength by \tw@
  \advance\ArrowLength by -10
  \advance\PositionY by -10
  \put(\PositionX,\PositionY){\vector(0,-1){\ArrowLength}}
  \advance\PositionY by 20
  \put(\PositionX,\PositionY){\vector(0,+1){\ArrowLength}}
}}
```

`\OutsideHArrow` This macro is used to produce two horizontal arrows to delimit a length. The first argument is the position for the right arrow, the second argument gives the length and the third specifies the length of the arrows.

```
\def\OutsideHArrow#1#2#3{{%
  \PositionX = #1
  \advance\PositionX by #3
  \put(\PositionX,\PositionY){\vector(-1,0){#3}}
  \PositionX = #1 \advance\PositionX-#2
  \advance\PositionX by -#3
  \put(\PositionX,\PositionY){\vector(+1,0){#3}}
}}
```

`\OutsideVArrow` This macro is used to produce two vertical arrows to delimit a length. The first argument is the position for the lower arrow, the second argument gives the length and the third and fourth specify the lenghts of the lower and upper arrow.

```
\def\OutsideVArrow#1#2#3#4{{%
  \PositionY = #1
  \advance\PositionY by -#3
  \put(\PositionX,\PositionY){\vector(0,+1){#3}}
  \PositionY = #1
  \advance\PositionY#2
  \advance\PositionY#4
  \put(\PositionX,\PositionY){\vector(0,-1){#4}}
}}
```

`\Show` Macro used in the table that shows the setting of the parameters.

```
\def\Show#1#2{\LayOutbs #2 = \lay@value{#1}{#2}}
```

`\Type` Macro used to show a setting of a parameter on the terminal.

```
\def\Type#1#2{%
  \LayOuttype{#2 = \lay@value{#1}{#2}}}
```

`\oneinch` A constant, giving the length of an inch in points (approximately)

```
\newcount\oneinch
\oneinch=72
```

Because the overview of the layout is produced in a figure environment we need to allocate a number of counters that are used to store the values of various dimensions.

`\cnt@paperwidth` `\cnt@paperheight` The dimensions of the paper

```
\newcount\cnt@paperwidth
\newcount\cnt@paperheight
\ConvertToCount\cnt@paperwidth\paperwidth
\ConvertToCount\cnt@paperheight\paperheight
```

`\cnt@hoffset` `\cnt@voffset` the offsets,

```
\newcount\cnt@hoffset
\newcount\cnt@voffset
\ConvertToCount\cnt@hoffset\hoffset
\ConvertToCount\cnt@voffset\voffset
```

`\cnt@textheight` `\cnt@textwidth` dimensions of the text area,

```
\newcount\cnt@textheight
\newcount\cnt@textwidth
```

`\cnt@topmargin` `\cnt@oddsidemargin` `\cnt@evensidemargin` margins,

```
\newcount\cnt@topmargin
\newcount\cnt@oddsidemargin
\newcount\cnt@evensidemargin
```

\cnt@headheight
\cnt@headsep

dimensions of the running heads,

```
148 \newcount\cnt@headheight
149 \newcount\cnt@headsep
```

\cnt@marginparsep
\cnt@marginparwidth
\cnt@marginparpush

marginal paragraphs,

```
150 \newcount\cnt@marginparsep
151 \newcount\cnt@marginparwidth
152 \newcount\cnt@marginparpush
```

\cnt@footskip

the distance between the running footers and the text,

```
153 \newcount\cnt@footskip
```

and the height of the footers, which is needed here to display a box, but which isn't used by LaTeX.

\fheight

```
154 \newcount\fheight
155 \fheight=12
```

Apart from integer representations of the page layout parameters we also need registers to store reference values in.

\ref@top

The position of the top of the 'printable area' is one inch below the top of the paper by default. The value of \ref@top is relative to the lower left corner of the picture environment that will be used.

```
156 \newcount\ref@top
157 \ref@top=\cnt@paperheight \advance\ref@top by -\oneinch
```

\ref@hoffset
\ref@voffset

For the offsets,

```
158 \newcount\ref@hoffset
159 \newcount\ref@voffset
```

The \hoffset and \voffset values are added to the default offset of one inch.

```
160 \ref@hoffset=\cnt@hoffset  \advance\cnt@hoffset by \oneinch
161 \ref@voffset=\cnt@voffset
```

\cnt@voffset is converted to be relative to the origin of the picture.

```
162 \cnt@voffset=\ref@top
163 \advance\cnt@voffset by -\ref@voffset
```

\ref@head

and the text areas, running heads,

```
164 \newcount\ref@head
```

\ref@body

body of the text

```
165 \newcount\ref@body
```

\ref@foot

and running footers.

```
166 \newcount\ref@foot
```

\ref@margin
\ref@marginwidth
\ref@marginpar

These are different for even and odd pages, so they are computed by \layout.

```
\newcount\ref@margin
\newcount\ref@marginwidth
\newcount\ref@marginpar
```

The following are a number of scratch registers, used in the positioning of the various pices of the picture.

```
\newcount\Interval
\newcount\ExtraYPos
\newcount\PositionX
\newcount\PositionY
\newcount\ArrowLength
```

\lay@getvalues

All values that might change during the document are computed by calling the macro \lay@getvalues. By default this macro is executed at \begin{document}.

```
\def\lay@getvalues{%
  \ConvertToCount\cnt@textheight\textheight
  \ConvertToCount\cnt@textwidth\textwidth
  \ConvertToCount\cnt@topmargin\topmargin
  \ConvertToCount\cnt@oddsidemargin\oddsidemargin
  \ConvertToCount\cnt@evensidemargin\evensidemargin
  \ConvertToCount\cnt@headheight\headheight
  \ConvertToCount\cnt@headsep\headsep
  \ConvertToCount\cnt@marginparsep\marginparsep
  \ConvertToCount\cnt@marginparwidth\marginparwidth
  \ConvertToCount\cnt@marginparpush\marginparpush
  \ConvertToCount\cnt@footskip\footskip
  \ref@head=\ref@top
    \advance\ref@head by -\ref@voffset
    \advance\ref@head by -\cnt@topmargin
    \advance\ref@head by -\cnt@headheight
  \ref@body=\ref@head
    \advance\ref@body by -\cnt@headsep
    \advance\ref@body by -\cnt@textheight
  \ref@foot=\ref@body
    \advance\ref@foot by -\cnt@footskip
  }
\AtBeginDocument{\lay@getvalues}
```

\computevalues
\layout
\layout*

The command \layout makes the picture and table that display the current settings of the layout parameters.

```
\newcommand\layout{%
  \@ifstar{\lay@getvalues\lay@xlayout}{\lay@xlayout}}
\def\lay@xlayout{%
  \lay@layout
  \if@twoside
    \lay@layout
  \fi}
```

`\lay@layout` The internal macro `\lay@layout` does all the dirty work.

```
\newcommand\lay@layout{%
 \thispagestyle{empty}
```

The actions of `\layout` depend on the pagestyle.

```
 \if@twoside
   \ifodd\count\z@
```

Here we deal with an odd page in the twosided case.

```
     \typeout{Two-sided document style, odd page.}
```

So we compute `\ref@marginwidth`, `\ref@marginpar` and `\ref@margin`.

```
     \ref@marginwidth=\cnt@oddsidemargin
     \ref@marginpar=\oneinch
     \advance\ref@marginpar by \ref@hoffset
     \advance\ref@marginpar by \cnt@oddsidemargin
     \ref@margin\ref@marginpar
     \if@reversemargin
       \advance\ref@marginpar by -\cnt@marginparsep
       \advance\ref@marginpar by -\cnt@marginparwidth
     \else
       \advance\ref@marginpar by \cnt@textwidth
       \advance\ref@marginpar by \cnt@marginparsep
     \fi
```

```
   \else
```

Here we deal with an even page in the twosided case.

```
 \typeout{Two-sided document style, even page.}
```

So we compute `\ref@marginwidth`, `\ref@marginpar` and `\ref@margin`.

```
     \ref@marginwidth=\cnt@evensidemargin
     \ref@marginpar=\oneinch
     \advance\ref@marginpar by \ref@hoffset
     \advance\ref@marginpar by \cnt@evensidemargin
     \ref@margin\ref@marginpar
     \if@reversemargin
       \advance\ref@marginpar by \cnt@textwidth
       \advance\ref@marginpar by \cnt@marginparsep
     \else
       \advance\ref@marginpar by -\cnt@marginparsep
       \advance\ref@marginpar by -\cnt@marginparwidth
     \fi
```

```
   \fi
 \else
```

Finally we the case for single sided printing.

```
   \typeout{One-sided document style.}
   \ref@marginwidth=\cnt@oddsidemargin
   \ref@marginpar=\oneinch
   \advance\ref@marginpar by \ref@hoffset
```

```
    \advance\ref@marginpar by \cnt@oddsidemargin
    \ref@margin\ref@marginpar
    \if@reversemargin
      \advance\ref@marginpar by -\cnt@marginparsep
      \advance\ref@marginpar by -\cnt@marginparwidth
    \else
      \advance\ref@marginpar by \cnt@textwidth
      \advance\ref@marginpar by \cnt@marginparsep
    \fi
  \fi
```

Now we begin the picture environment ; dividing all the lengths by two is done by setting `\unitlength` to `0.5pt`

```
  \setlength{\unitlength}{.5pt}
  \begin{picture}(\cnt@paperwidth,\cnt@paperheight)
    \centering
    \thicklines
```

First we have the pagebox and reference lines,

```
    \put(0,0){\framebox(\cnt@paperwidth,\cnt@paperheight){\mbox{}}}
    \put(0,\cnt@voffset){\dashbox{10}(\cnt@paperwidth,0){\mbox{}}}
    \put(\cnt@hoffset,0){\dashbox{10}(0,\cnt@paperheight){\mbox{}}}
```

then the header,

```
    \put(\ref@margin,\ref@head){%
      \framebox(\cnt@textwidth,\cnt@headheight)%
        {\footnotesize\Headertext}}
```

the body of the text area,

```
    \put(\ref@margin,\ref@body){%
      \framebox(\cnt@textwidth,\cnt@textheight){\Bodytext}}
```

the footer

```
    \put(\ref@margin,\ref@foot){%
      \framebox(\cnt@textwidth,\fheight){\footnotesize\Footertext}}
```

and the space for marginal notes.

```
    \put(\ref@marginpar,\ref@body){%
      \framebox(\cnt@marginparwidth,\cnt@textheight)%
               {\footnotesize\shortstack{\MarginNotestext}}}
```

Then we start putting in 'arrows' to mark the various parameters. From here we use `\thinlines`.

```
    \thinlines
```

`\PositionX` and `\PositionY` will be the coordinates of the center of the arrow displaying `\textwidth`.

```
    \SetToHalf\PositionX\cnt@textwidth
    \advance\PositionX by \ref@margin
```

The arrow should be a bit above the bottom of the 'body box'.

```
    \PositionY = \ref@body
    \advance\PositionY by 50
```

An identifying number is put here, in a circle.

```
    \Identify{8}
```

Then the arrow is drawn.

```
    \InsideHArrow\cnt@textwidth
```

Now the `\textheight`

```
    \SetToHalf\PositionY\cnt@textheight
    \advance\PositionY by \ref@body
```

The x-position of the arrow is at 4/5 of the width of the 'body box'.

```
    \PositionX = \cnt@textwidth
    \divide\PositionX by 5
    \multiply \PositionX by 4
    \advance\PositionX by \ref@margin
```

An identifying number is put here, in a circle.

```
    \Identify{7}
    \InsideVArrow\cnt@textheight
```

The `\hoffset`,

```
    \PositionY = 50
    \SetToHalf\PositionX\cnt@hoffset
    \Identify{1}
    \InsideHArrow\cnt@hoffset
```

The width of the margin.

```
    \SetToQuart\PositionY\cnt@textheight
    \advance\PositionY by \ref@body
    \ifnum\ref@marginwidth > 0
      \OutsideHArrow\ref@margin\ref@marginwidth{20}
      \PositionX = \cnt@hoffset
    \else
      \OutsideHArrow\cnt@hoffset{-\ref@marginwidth}{20}
      \PositionX = \ref@margin
    \fi
    \advance\PositionX by -30
    \Identify{3}
```

the `\marginparwidth`,

```
    \SetToQuart\PositionY\cnt@textheight
    \advance\PositionY by \ref@body
```

This arrow has to be bit below the one for the `\oddsidemargin` or `\evensidemargin`.

```
    \advance\PositionY by 30
    \SetToHalf\PositionX\cnt@marginparwidth
    \advance\PositionX by \ref@marginpar
    \Identify{10}
    \InsideHArrow\cnt@marginparwidth
```

The \marginparsep, this depends on single or double sided printing.

```
306     \advance\PositionY by 30
307     \if@twoside
```

Twosided mode, reversemargin ;

```
308       \if@reversemargin
309         \ifodd\count\z@
310           \OutsideHArrow\ref@margin\cnt@marginparsep{20}
311           \PositionX = \ref@margin
312         \else
313           \OutsideHArrow\ref@marginpar\cnt@marginparsep{20}
314           \PositionX = \ref@marginpar
315         \fi
316       \else
```

Not reversemargin ;

```
317         \ifodd\count\z@
318           \OutsideHArrow\ref@marginpar\cnt@marginparsep{20}
319           \PositionX = \ref@marginpar
320         \else
321           \OutsideHArrow\ref@margin\cnt@marginparsep{20}
322           \PositionX = \ref@margin
323         \fi
324       \fi
325     \else
```

Single sided mode.

```
326       \if@reversemargin
327         \OutsideHArrow\ref@margin\cnt@marginparsep{20}
328         \PositionX = \ref@margin
329       \else
330         \OutsideHArrow\ref@marginpar\cnt@marginparsep{20}
331         \PositionX = \ref@marginpar
332       \fi
333     \fi

334     \advance\PositionX by -\cnt@marginparsep
335     \advance\PositionX by -30
336     \Identify{9}
```

Identify the \footskip. The arrow will be located on 1/8th of the \textwidth.

```
337     \PositionX = \cnt@textwidth
338     \divide\PositionX by 8
339     \advance\PositionX by \ref@margin
340     \OutsideVArrow\ref@foot\cnt@footskip{20}{20}
341     \PositionY = \ref@foot
342     \advance\PositionY by \cnt@footskip
343     \advance\PositionY by 30
344     \Identify{11}
```

Identify the \voffset. The arrow will be located a bit to the left of the edge of the paper.

```
    \PositionX = \cnt@paperwidth
    \advance\PositionX by -50
    \PositionY = \cnt@paperheight
    \ExtraYPos = \PositionY
    \advance\ExtraYPos by -\cnt@voffset
    \advance\PositionY by \cnt@voffset
    \divide\PositionY by \tw@
    \Identify{2}
    \InsideVArrow\ExtraYPos
```

Identify `\topmargin`, `\headheight` and `\headsep`.

The arrows will be located on 1/8th of the `\textwidth`, with intervals of the same size, stored in `\Interval`.

```
    \Interval = \cnt@textwidth
    \divide\Interval by 8
    \PositionX = \ref@margin
    \advance\PositionX by \Interval
```

First the `\topmargin`. If `\topmargin` has a positive value, the arrow is upward. Otherwise, it is downward. The number label is always placed at the base of the arrow.

```
    \ifnum\cnt@topmargin > \z@
      \ExtraYPos = \ref@head
      \advance\ExtraYPos\cnt@headheight
      \OutsideVArrow\ExtraYPos\cnt@topmargin{20}{20}
      \PositionY = \ExtraYPos
      \advance\PositionY by \cnt@topmargin
    \else
      \ExtraYPos = \cnt@voffset
      \OutsideVArrow\ExtraYPos{-\cnt@topmargin}{20}{20}
      \PositionY = \ExtraYPos
      \advance\PositionY by -\cnt@topmargin
    \fi
    \advance\PositionY by 30
    \Identify{4}
    \advance\PositionX by \Interval
```

Then the `\headheight`

```
    \OutsideVArrow\ref@head\cnt@headheight{20}{20}
    \PositionY = \ref@head
    \advance\PositionY by \cnt@headheight
    \advance\PositionY by 30
    \Identify{5}
    \advance\PositionX by \Interval
```

and finally the `\headsep`

```
    \ExtraYPos=\ref@body
    \advance\ExtraYPos\cnt@textheight
    \OutsideVArrow\ExtraYPos\cnt@headsep{20}{20}
    \PositionY = \ref@body
    \advance\PositionY by \cnt@textheight
```

```
    \advance\PositionY by -30
    \Identify{6}
```

Here we can end the picture environment and insert a little space.

```
  \end{picture}

  \medskip
```

Below the picture we put a table to show the actual values of the parameters. Note that fractional points are truncated, i.e., `72.27pt` is displayed as `72pt`

The table is typeset inside a box with a depth of 0 to always keep it on the same page as the picture.

```
  \vtop to 0pt{%
    \@minipagerestore\footnotesize\ttfamily
    \begin{tabular}{@{}rl@{\hspace{20pt}}rl}
      1 & \oneinchtext\ + \LayOutbs\texttt{hoffset}
        & 2 & \oneinchtext\ + \LayOutbs\texttt{voffset} \\
      3 & \if@twoside
            \ifodd\count\z@ \Show{cnt}{oddsidemargin}
            \else \Show{cnt}{evensidemargin}
            \fi
          \else
            \Show{cnt}{oddsidemargin}
          \fi                    & 4 & \Show{cnt}{topmargin} \\
      5 & \Show{cnt}{headheight} & 6 & \Show{cnt}{headsep} \\
      7 & \Show{cnt}{textheight} & 8 & \Show{cnt}{textwidth} \\
      9 & \Show{cnt}{marginparsep}&10& \Show{cnt}{marginparwidth} \\
      11& \Show{cnt}{footskip}   &   & \Show{cnt}{marginparpush}
       \rlap{(\notshown)}\\
        & \Show{ref}{hoffset}    &   & \Show{ref}{voffset} \\
        & \Show{cnt}{paperwidth} &   & \Show{cnt}{paperheight} \\

  \end{tabular}\vss}
```

When the option verbose was used the following lines will show dimensions on the terminal.

```
  \Type{ref}{hoffset}
  \Type{ref}{voffset}
  \Type{cnt}{textheight}
  \Type{cnt}{textwidth}
```

Finally we start a new page.

```
  \newpage
}
```

⟨/package⟩