The **printlen** package[*]

Print lengths in a variety of units

Peter Wilson, Herries Press   Harald Harders[†]

Maintainer: Will Robertson[‡]

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1 Usage

\printlength{⟨*length*⟩} prints the value of a LaTeX length in the units specified by \uselengthunit{⟨*unit*⟩}, where ⟨*unit*⟩ may be any TeX length unit except for scaled point. That is, ⟨*unit*⟩ may be any of: pt, pc, in, mm, cm, bp, dd or cc. When pt is set the printed length value will include any stretch or shrink values, otherwise these are not printed. The ⟨*unit*⟩ argument may also be PT, in which case length values will be printed in pt units but without any stretch or shrink values. An unknown value for ⟨*unit*⟩ is treated as though it had been specified as pt.

The unit is separated from the number using the command \unitspace which is set to \, by default. In math mode the units are printed upright.

\rndprintlength⟨*length*⟩ prints the rounded value of a LaTeX length. Use PT instead of pt for rounded points if there are stretch or shrink values.

The initial setting is \uselengthunit{pt}

Example:

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1 The \verb|\textwidth| is \printlength{\textwidth} which is also
2 \uselengthunit{in}\printlength{\textwidth} and
3 \uselengthunit{mm}\printlength{\textwidth}.
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2 Change history

Version 1.1a (2009/09/03)
- New maintainer (Will Robertson)

Version 1.1 (2001/12/09)
- Print rounded values

- Space between value and units

Version 1.0 (2001/11/03)
- First public release