

The `l3opacity` package

Experimental opacity (transparency) support

The L^AT_EX Project*

Released 2022-02-05

1 Selecting opacity

Opacity (transparency) shares many characteristics with color. However, limitations in terms of backends mean that it is not always possible to use a dedicated stack for tracking opacity. The best results when breaking pages are therefore likely to result using direct PDF output (pdfT_EX, LuaT_EX) or with recent versions of (x)dvipdfmx: these backends do offer the necessary support.

For users of PostScript-based routes, note that there are security restrictions which can prevent opacity being available in output. In particular, using Adobe Distiller, you will need to enable transparency in the (text-based) configuration: this is not selectable from the GUI.

<hr/> <code>\opacity_select:n</code> <hr/>	<code>\opacity_select:n {<expression>}</code>
<div>New: 2021-07-01</div>	Evaluates the $\langle expression \rangle$, which should yield a value in the range $[0,1]$. This is then activated as an opacity for both filling and stroking.
<hr/> <code>\opacity_fill:n</code> <code>\opacity_stroke:n</code> <hr/>	<code>\opacity_fill:n {<expression>}</code>
<div>New: 2021-07-01</div>	Evaluates the $\langle expression \rangle$, which should yield a value in the range $[0,1]$. This is then activated as an opacity for filling or stroking, respectively.

Index

The italic numbers denote the pages where the corresponding entry is described, numbers underlined point to the definition, all others indicate the places where it is used.

O	
opacity commands:	<code>\opacity_select:n</code> <i>1</i>
<code>\opacity_fill:n</code> <i>1</i>	<code>\opacity_stroke:n</code> <i>1</i>

*E-mail: latex-team@latex-project.org