

The l3opacity package

Experimental opacity (transparency) support

The L^AT_EX Project*

Released 2024-01-04

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).

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

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

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