

The l3opacity package

Experimental opacity (transparency) support

The L^AT_EX Project*

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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.

<code>\opacity_select:n</code>	<code>\opacity_select:n {<expression>}</code>
<small>New: 2021-07-01</small>	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.

<code>\opacity_fill:n</code>	<code>\opacity_fill:n {<expression>}</code>
<code>\opacity_stroke:n</code>	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.
<small>New: 2021-07-01</small>	

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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.

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

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