

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.

For users of PDF-based routes, note that opacity only takes effect if a `\DocumentMetadata{}` is added *before* `\documentclass`, which loads and activates the PDF management. See `pdfmanagement-testphase.pdf` for more info.

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

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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_select:n</code> <i>1</i>
<code>\DocumentMetadata</code> <i>1</i>	<code>\opacity_stroke:n</code> <i>1</i>

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