

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.

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

Evaluates the `<expression>`, 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>
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`\opacity_stroke:n`

New: 2021-07-01

Evaluates the `<expression>`, which should yield a value in the range `[0, 1]`. This is then activated as an opacity for filling or stroking, respectively.

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