The l3opacity package
Experimental opacity (transparency) support

The LaTeX 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 (pdfTeX, LuaTeX).

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.

`\opacity_select:n` `\opacity_select:n {⟨expression⟩}`

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.

`\opacity_fill:n` `\opacity_fill:n {⟨expression⟩}`
`\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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