

The `rorlink` package

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Repo: <https://gitlab.com/lukeflo/rorlink-latex-package>

1 Introduction

This package provides a simple command for creating a **ROR** (Research Organization Registry) symbol including a link to the given ROR-ID – very similar to the **orcidlink** package.

2 Usage

The package can be included in the preambel like any other package:



```
\usepackage{rorlink}
```

`\rorlink{<ror-link>}` Use the command to create a small ROR symbol which is linked to the given ROR-URL. For example, `\rorlink{https://ror.org/00rcxh774}` will create a linked symbol to the ID of the *University of Cologne*.

You can include it into the document title using it inside the `\author{names}` command, as I did for this documentation:

```
\author{Florian Lukas\,\orcidlink{0000-0002-7959-5494}\,\rorlink{https://ror.org/02rspp784}}
```

Furthermore, it can be included into larger macros; for instance, to create an author section with all necessary informations of the contributors:

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3 Required Packages

hyperref Needed to use the symbol as a link to the particular ROR webpage.

tikz Is used to draw the ROR symbol using the `svg-path` method and process the image, when the `\rorlink` command is called.

*The code is mainly derived from the **orcidlink** package maintained by Leo Stein. The code of the **orcidlink** package itself rests mainly on the [tex.SE answer](#) by user Milo

4 Implementation

The code is derived mainly from the orcidlink package <https://github.com/duetosymmetry/orcidlink-LaTeX-command>

```

1 \RequirePackage{hyperref}
2 \RequirePackage{tikz}
3 \ProcessOptions\relax
4 \usetikzlibrary{svg.path}
5 \definecolor{rorlogocol}{HTML}{53BAA1}

```

The original svg-path received from the file <https://raw.githubusercontent.com/ror-community/ror-logos/main/ror-icon-rgb.svg>

```

6 \tikzset{
7 rorlogo/.pic={
8 \fill[rorlogocol] svg{M68.65,4.16L56.52,22.74L44.38,4.16L68.65,4.16Z}
9 svg{M119.41,4.16L107.28,22.74L95.14,4.16L119.41,4.16Z}
10 svg{M44.38,115.47L56.52,96.88L68.65,115.47L44.38,115.47Z}
11 svg{M95.14,115.47L107.28,96.88L119.41,115.47L95.14,115.47Z};
12 \fill[black] svg{M145.53,63.71C149.83,62.91 153.1,61 155.33,57.99C157.57,54.98 158.68,51.32 159.41,47.91Z}
13 }
14 }

```

`\@OrigHeightRecipROR` The original height of the svg file is 119.27pt. The macro here uses 1/119.27 as unit.

```

15 \newcommand{\@OrigHeightRecipROR}{0.008384338}

```

The logo is adjusted to the used font size

```

16 \newlength{\@curXheightROR}
17 \DeclareRobustCommand\rorlink[1]{%
18 \texorpdfstring{%
19 \setlength{\@curXheightROR}{\fontcharht\font‘X}%
20 \href{#1}{\XeTeXLinkBox{\mbox{%
21 \begin{tikzpicture}[yscale=-\@OrigHeightRecipROR*\@curXheightROR,
22 xscale=\@OrigHeightRecipROR*\@curXheightROR,transform shape]
23 \pic{rorlogo};
24 \end{tikzpicture}%
25 }}}}{}}
26 \endinput

```

Change History

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