

The `orcidlink` package

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Source repo: <https://github.com/duetosymmetry/orcidlink-LaTeX-command>.

1 Introduction


This is a LaTeX style file to add a macro for inserting a linked ORCID logo. The package provides exactly one command, `\orcidlink`.

2 Usage

To use this package, in the preamble include

```
\usepackage{orcidlink}
```

```
\orcidlink{orcid}
```

Insert the ORCID logo ()¹, which is hyperlinked to the URL of the researcher whose iD was specified. Replace the mandatory argument `\orcidlink{orcid}` with your ORCID — just the digits, not your whole URL. For example, the command `\orcidlink{0000-0001-7559-9597}` will hyperlink to the URL <https://orcid.org/0000-0001-7559-9597>. This is most common in the author list. For example, in the preamble of a RevTeX article, if you write

```
\author{Emmy Noether\,\orcidlink{0000-0000-0000-0000}}
```

then the article byline will look something like this:

Emmy Noether ^{1, *}

as and Astronomu. The I.

The macro is used in the author line of this documentation as well.

3 Implementation

```

1 \NeedsTeXFormat{LaTeX2e}[1994/06/01]
2 \ProvidesPackage{orcidlink}
3   [2021/03/15 v1.0.3 Linked ORCID logo macro package]
4
5 %% All I did was package up Milo's code on TeX.SE,
6 %% see https://tex.stackexchange.com/a/445583/34063
7 \RequirePackage{hyperref}
8 \RequirePackage{tikz}
9
10 \ProcessOptions\relax
11
12 \usetikzlibrary{svg.path}
13
14 \definecolor{orcidlogocol}{HTML}{A6CE39}
15 \tikzset{
16   orcidlogo/.pic={
17     \fill[orcidlogocol] svg{M256,128c0,70.7-57.3,128-128,128C57.3,256,0,198.7,0,128C0,57.3,57.3
18     \fill[white] svg{M86.3,186.2H70.9V79.1h15.4v48.4V186.2z}
19     svg{M108.9,79.1h41.6c39.6,0,57,28.3,57,53.6c0,27.5-21.5,53.6-56.8,53.6h-41.8V7
20     svg{M88.7,56.8c0,5.5-4.5,10.1-10.1,10.1c-5.6,0-10.1-4.6-10.1-10.1c0-5.6,4.5-10
21   }
22 }
23
24 %% Reciprocal of the height of the svg whose source is above. The
25 %% original generates a 256pt high graphic; this macro holds 1/256.
26 \newcommand{\@OrigHeightRecip}{0.00390625}
27
28 %% We will compute the current X height to make the logo the right height
29 \newlength{\@curXheight}
30
31 \orcidlink
32 \DeclareRobustCommand\orcidlink[1]{%
33 \texorpdfstring{%
34 \setlength{\@curXheight}{\fontcharht\font'X}%
35 \href{https://orcid.org/#1}{\mbox{%
36 \begin{tikzpicture}[yscale=-\@OrigHeightRecip*\@curXheight,
37 xscale=\@OrigHeightRecip*\@curXheight,transform shape]
38 \pic{orcidlogo};
39 \end{tikzpicture}}}%
40
41 \endinput

```

Change History

v1.0.0		combined with hyperref's
General: Converted to DTX file . . .	1	option pdfusetitle 1
v1.0.1		v1.0.3
General: Bugfix due to		General: Improve fragility by
misunderstanding of docstrip . . .	1	calculating scaling ourselves,
v1.0.2		and using
General: Fix fragility of command		DeclareRobustCommand 1
when inside of author, and		