The \texttt{orcidlink} package

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v1.0.5 from 2023/12/30

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, \texttt{orcidlink}.

2 Usage

To use this package, in the preamble include

\begin{verbatim}
\usepackage{orcidlink}
\end{verbatim}

\begin{verbatim}
\orcidlink{⟨orcid⟩}
\end{verbatim}

Insert the ORCiD logo (_ori), which is hyperlinked to the URL of the researcher whose iD was specified. Replace the mandatory argument \texttt{⟨orcid⟩} with your ORCiD — just the digits, not your whole URL. For example, the command \texttt{\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

\begin{verbatim}
\author{Emmy Noether\,\orcidlink{0000-0000-0000-0000}}
\end{verbatim}

then the article byline will look something like this:

Emmy Noether\textsuperscript{1, *}

\textit{\textit{\textit{\textit{s and Astronomy The I.}}}}

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

3 Package Compatibility

This package relies on \texttt{hyperref} and \texttt{tikz}. If you want to pass options to either of these packages, load them before you load \texttt{orcidlink}. Similarly, if you want to specify options to e.g. \texttt{xcolor}, load \texttt{xcolor} before loading \texttt{tikz} or \texttt{orcidlink}.  

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4 Implementation

\NeedsTeXFormat{LaTeX2e}[1994/06/01]
\ProvidesPackage{orcidlink}
[2023/12/30 v1.0.5 Linked ORCiD logo macro package]
\% All I did was package up Milo's code on TeX.SE,
\% see https://tex.stackexchange.com/a/445583/34063
\RequirePackage{hyperref}
\RequirePackage{tikz}
\ProcessOptions\relax
\usetikzlibrary{svg.path}
\definecolor{orcidlogocol}{HTML}{A6CE39}
\tikzset{
orcidlogo/.pic={
\fill[orcidlogocol] svg{M256,128c0,70.7-57.3,128-128,128c0,57.3,57.3,0,128,0c0,27.5-21.5,53.6-53.6,53.6h-41.8v-48.4V186.2z};
\fill[white] svg{M86.3,186.2H70.9V79.1h15.4v48.4V186.2z}svg{M108.9,79.1h41.6c39.6,0,57,28.3,57,53.6c0,27.5-21.5,53.6-53.6,53.6h-41.8V79.1z M124.3,172.4h24.5c34.9,0,42.9-26.5,42.9-39.7c0-21.5-13.7-39.7-43.7-39.7h-23.7V172.4z}svg{M88.7,56.8c0,5.5-4.5,10.1-10.1,10.1c-5.6,0-10.1-4.6-10.1-10.1c0-5.6,4.5-10.1,10.1-10.1C84.2,46.7,88.7,51.3,88.7,56.8z};
}}
\newcommand\@OrigHeightRecip{0.00390625}
\newlength\@curXheight
\@preventExternalization{\ifcsname tikz@library@external@loaded\endcsname\tikzset{external/export next=false}\else\fi}
\orcidlink
\DeclareRobustCommand\orcidlink[1]{\setlength{\@curXheight}{\fontcharht\font'X}\href{https://orcid.org/#1}{\XeTeXLinkBox{\mbox{\@preventExternalization\begin{tikzpicture}[yscale=-\@OrigHeightRecip*\@curXheight,xscale=\@OrigHeightRecip*\@curXheight,transform shape]\pic{orcidlogo};\end{tikzpicture}}}}}
\endinput
Change History

v1.0.0
General: Converted to DTX file 1

v1.0.1
General: Bugfix due to misunderstanding of docstrip 1

v1.0.2
General: Fix fragility of command when inside of author, and combined with hyperref’s option pdftusetitle 1

v1.0.3
General: Improve fragility by calculating scaling ourselves, and using DeclareRobustCommand 1

v1.0.4
General: Use XeTeXLinkBox to get hyperlink working correctly with XeTeX. Thanks to Tim Henke for the bug report. 1

v1.0.5
General: Turn off TikZ externalization of logos. Thanks to github user aquileia for the bug report. 1