The ctanbib package

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1 Introduction

This package provides script named ctanbib which can be used for retrieving of the bibliographic information for packages hosted on CTAN.

2 Usage

It can be used in the following way:

cтанbib [options] ⟨packagename1⟩ ... ⟨packagenameX⟩ > filename.bib

The curl utility needs to be installed on the user’s system in order to support the package info download.

3 Available options

- -ctan use the CTAN package entry as package URL instead of URL provided by the package.
- -ctanpath use package’s CTAN path as URL
- -entrypoint explicitly set the BibTeX entry type.
- -help print the help message.
- -version print the version info.

4 Examples

cтанbib latex
This invocation will print data in the BibLaTeX format to the standard output:

@manual{latex,
title = {The Latex package},
subtitle = {A TeX macro package that defines LaTeX},
author = {{The LaTeX Team} and Lamport, Leslie},
url = {http://www.latex-project.org/},
urldate = {2021-06-26},
date = {},
version = {2021-06-01},
}

The --ctan option:

ctanbib -c latex

This produces a bib record that uses the CTAN package entry for the URL, instead of the original package URL.

@manual{latex,
title = {The Latex package},
... url = {https://ctan.org/pkg/latex},
...}

The --ctanpath option:

ctanbib -C biblatex

This produces a bib record that uses the CTAN package tree location for the URL.

@manual{biblatex,
...
url = {/macros/latex/contrib/biblatex},
...}

The --entrytype option:

ctanbib -e ctan latex

It selects different entry type for the record:

@ctan{latex,
...}
5 License

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6 Acknowledgements

This package was created thanks to TeX.sx user Daniel[1]. Lukas C. Bossert had useful comments which led to update of the original script and its eventual release on CTAN. Herbert Voss added the --CTAN option.

[1] https://tex.stackexchange.com/users/3751/daniel
7 Changelog

2021-06-29  Version 0.2a released
2021-06-29  Added the --ctanpath option.
2021-06-26  Version 0.2 released
2021-06-26  Removed the --CTAN option, entry type can be set using
            --entrytype and CTAN URL is requested using --ctan
2021-06-26  Added --entrytype option for explicit specification of the BibTEx
            entry type
2021-06-26  Fixed package name verification
2021-06-26  Added support for multiple package names
2021-06-26  Print https://www.ctan.org/pkg/<pkgname> with the -c option
2021-06-20  Version 0.1e released
2021-06-20  Added --CTAN option, thanks to Herbert Voss
2019-12-23  Don't return non-zero exit codes for non-error runs
2019-12-23  Test for the packagename with the -c option
2019-09-21  Try to find the author in full CTAN author list if the author cannot
            be found in the package info
2019-09-16  Use the CTAN API 2.0 to fetch the package info
2019-05-04  Version 0.1c released
2019-05-04  Use the curl command to download the package info
2019-05-04  Added information about the need to have the curl command in-
            stalled
2019-03-11  Version 0.1b released
2018-09-10  Added support for institutional names
2018-09-10  Escape TeX commands in the title and subtitle
2018-08-29  Added man page
2018-08-27  Added --ctan option
2018-08-23  Version 0.1 released.
2018-08-23  Created documentation.
2018-08-21  Rewrote the script to use the DOM api provided by LuaXML. This
            provides greater flexibility in the XML processing.
2018-08-20  Fixed the script for the current XML format provided by CTAN.
2014-09-12  Initial version of the script have been released in answer on TeX.sx

https://tex.stackexchange.com/a/200856/2891