

# biblatex-license

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This package provides a modification to the biblatex standard styles for relating cited works to the license under which they were published. This is done via biblatex' build in `related` mechanism and `relatedtype = license`. This package basically provides this new `relatedtype`, the bibmacros for typesetting these related entries and some additional styling options.

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The package is loaded via

```
\usepackage[options]{biblatex-license}
```

and has to be loaded *after* the `biblatex` package. The package sets the `biblatex` option `related = true`.

# 1 Options

Name	Function	Possible Values	Default
license	Decides if and how the license is to be printed.	short, full, off	short
url	Switch for deciding if the url of the license should be explicitly printed.	true, false	false
link	When set to true and url is set to off, the title of the license becomes an \href, i.e. a hyperlink.	true, false	true
introtext	Makes it possible to replace the language specific intro text (e.g. "licensed under") with custom text.	any text	

# 2 Usage

Consider the following bibliography:

```
@Misc{CreativeCommons4.0,  
  author      = {{Creative Commons}},  
  title       = {{Attribution-NonCommercial-ShareAlike 4.0 International}},  
  date        = {2013-11-25},  
  url         = {https://creativecommons.org/licenses/by-nc-sa/4.0/},  
  urldate     = {2019-10-01},  
  shorttitle  = {{CC BY-NC-SA 4.0}},  
}
```

```
@book{Payne2019,  
  author = {Blakeley Hoffman Payne},  
  editor = {{MIT Media Lab Personal Robots Group} and Cynthia Breazeal},  
  title = {An Ethics of Artificial Intelligence Curriculum for Middle  
          School Students},  
  related = {CreativeCommons4.0},  
  relatedtype = {license},  
  url = {https://t1p.de/rwlp},  
  urldate = {2020-01-27},  
  date = {2019-08},  
}
```

Note, that Payne2019 has the fields `related` and `relatedtype` defined. `related` is pointing via the label to the entry corresponding to the license under which Payne2019

was published: `CreativeCommons4.0`. The `relatedtype = {license}` is necessary for `biblatex` to know how this relation should be handled. Please see the `biblatex` user guide (§3.4 *Related Entries*) for more information on related entries.

Now if `biblatex` is loaded with the following options:

```
\usepackage[
  backend=biber
  ,sortlocale=en_EN%.UTF-8
  ,style=authoryear
  ,bibencoding=UTF8
  ,block=space
]{biblatex}
```

And `biblatex-license` is loaded the default way:

```
\usepackage{biblatex-license}
```

The bibliographic entry of `Payne2019` would look like this:

Payne, Blakeley Hoffman (Aug. 2019). *An Ethics of Artificial Intelligence Curriculum for Middle School Students*. Ed. by MIT Media Lab Personal Robots Group and Cynthia Breazeal. URL: <https://t1p.de/rwlp> (visited on 01/27/2020). Licensed under CC BY-NC-SA 4.0.

The default way of loading `biblatex-license` is equivalent to:

```
\usepackage[license=short,
  url=false,
  link=true,
  introtext={default}]
{biblatex-license}
```

## 2.1 introtext

Note the text “Licensed under” in the bibliography. This text is, as of now, only translated to german but can be changed via the option `introtext` like so:

```
\usepackage[introtext={Some text}]{biblatex-license}
```

## 2.2 link

Also note that in the example output above the title of the license is itself a link to where the `url`-field of the license entry inside the bib-file is pointing. This link is made via `\href`.

## 2.3 url

It might be better to explicitly print the url of the license, which can be done via the `url=true` option. If printed this way, the option `link` has no effect on if this url is itself a hyperlink or not as the url-field is handled by biblatex itself.

## 2.4 shorttitle of the license

If a `shorttitle` is provided for the license inside the bib-file, the shorttitle will always be preferred.