

# A L<sup>A</sup>T<sub>E</sub>X Package to Place Bibliography Entries in Text

Patrick W. Daly

This paper describes package `bibentry`  
version 1.5 from 2007/10/30

## Summary

The stripped version of this file contains the following brief description:

```
% Bibliography Entries in Text
%
% In place of \bibliography{database}, enter \nobibliography{database}
% No bibliography is written at this point, but afterwards,
% \bibentry{key} prints the bibliography entry for citation <key>
% (whereas \cite{key} prints the citation, not the bib entry)
%
% If \bibliography is also to be given, then issue the starred variant
% \nobibliography* (without argument).
```

## 1 Introduction

This package allows one to be able to place bibliographic entries anywhere in the text. It is to be used to produce annotated bibliographies, such as

For an introduction to this topic, see Jones, J. R., Basics on this topic, *J. Last Resorts*, **13**, 234–254, 1994. For more advanced information, see ....

The idea is that the full reference is used, not just the citation Jones [1994].

## 2 Invoking the Package

The macros in this package are included in the main document with the `\usepackage` command of L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>,

```
\documentclass[...]{...}
\usepackage{bibentry}
```

### 3 Usage

This package must be used with `BIBTEX`, not with a hand-written `thebibliography` environment.

More precisely, there must be a `.bbl` file external to the `LATEX` file; whether this is written by hand or by `BIBTEX` is unimportant.

`\nobibliography` The bibliography entries are stored with the command `\nobibliography{<bibfiles>}`, which is like the usual `\bibliography{<bibfiles>}` except no bibliography is printed. The `.bbl` file is read in as usual but the `thebibliography` is redefined so that all the entries are stored, not printed.

`\bibentry` The text of the entries may be printed with the command

`\bibentry{<key>}`

These commands may only be issued after `\nobibliography`, for otherwise the reference texts are not known.

The final period of the original text will be missing, so that one can add punctuation as one pleases.

Regular `\cite` (or the `natbib` versions) may be issued anywhere as usual.

`\nobibliography*` If a regular list of references is to be given too, with the `\bibliography{<bibfiles>}` command, issue the starred version `\nobibliography*` (without argument) in order to store the bib entry texts. This will load the same `.bbl` file as `\bibliography`, but will avoid messages from `BIBTEX` about multiple `\bibdata` commands and warnings from `LATEX` about multiply defined citations.

The processing procedure is as usual:

1. `LATEX` the file;
2. Run `BIBTEX`;
3. `LATEX` the file twice.

**Note:** it is highly recommended to make use of the `url` package, which will nicely format both url and doi addresses; in particular, they will break at convenient locations without a hyphen.

### 4 Caveats

The entries in the `.bbl` must be of the form

```
\bibitem[<label>]{<key>}
  Text of the reference entry.

\bibitem...
```

That is, there must be a new line after the `{<key>}` (or at least a space) and a blank line before the next `\bibitem`. The final period in the text will be removed, if present, allowing one to place the `\bibentry` commands in mid-sentence. Of course, there may be other periods within the text that might look funny.

The `bibentry` package will work with `natbib` with its native `\bibitem` format, and with standard `LATEX`. Nothing else can be guaranteed.

It will also work with Donald Arseneau's `url` package. This is highly recommended (almost obligatory) if the references contain Internet addresses (URLs)

and any of my bibliography styles are being used. My styles pack the URL text into the `\url` command. Without the `url` package, this command defaults to `\texttt` which does a horrible job of printing URL addresses, especially if they contain special characters.

The use of both `\nobibliography*` and `\bibliography` together is limited and perhaps unsatisfactory. There is only one `.bbl` file, and hence one list of references. Since `\nobibliography*` does not have its own list of database files, one cannot take the `\bibentry` citations from separate databases. Also, any `\bibentry` citation must appear in the list of references, something that one might reasonably not care for. (It must be in the `.bbl` file else its text cannot be stored for `\bibentry` use.)

It would be better if `\nobibliography` and `\bibliography` could be used independently of each other, with different databases, different `.bbl` files. However, this involves enormous complications, with separate `.aux` files and naming problems for the `.bbl`s.