Citing and referencing (and a bit Zotero)

http://tinyurl.com/ifibib

BibLaTeX

EndNote

January 13th 2017

Why cite and refer \(^1\) - 1

- To document your foundation and show on which other works your own work is based
- To give credit
- To assure readers of the accuracy of your facts

\(^1\) Partly based on Turabian: A manual for writers, 2007

Why cite and refer - 2

- To avoid accusations of plagiarism and cheating
  - If you use texts, photos, graphs, images, ideas made by others, you must cite them with references
- To help readers extend your work
- Paraphrasing the source does not free you from citing and referencing

What should you cite and refer?

- try to cite the primary sources
- peer-reviewed texts
  - journal articles (beware of fake journals!)
  - books
  - chapters/parts of books
  - conference papers
  - technical reports
  - definitions from encyclopedias
- avoid web pages
How to cite and refer

- The citation should point to a description (a reference) that contains enough information to locate the source (the document or cited information)
- A quotation should be separated from your own text by typographical means like
  - “quotation marks”
  - separate paragraphs with closer margins
  - text in italics or boldface
Four different styles

Citation style


Buch in 1974, 967

Zotero


Zotero
Zotero is a Firefox add-on for reference managing
- Interprets and fetches references on the current page in your browser
- Organizes references and documents in libraries and groups
- The library or group may be put in the Zotero cloud and used from wherever you are online
- Collaborate with other people
- Export data to other tools (BibLaTeX, EndNote,)

Zotero is also a stand-alone program
- Windows, Mac OS X, Linux
- Connecting to Chrome, Safari, Opera browsers
13.01.2017

Syncing your Zotero-data

Registering a user account allows you to sync your library’s references in groups or post to the support forum. If you previously ran a forum and now want to create a user account, you don’t need to register again.

Sync preferences

Syncing manually

Groups : sharing references

Create a New Group

Group Name

Choose a Private Membership

Private Membership

Only members can see your group online and you must have admin privileges.

Choose a Public, Open Membership

Public, Open Membership

Anyone can use your group online and subscribe to the group.

Choose a Public, Closed Membership

Publicly-Closed Membership

Anyone can use your group online, but members must sign up in the forum.
Courses – sign up via http://tinyurl.com/ifibib

• EndNote
  – Wednesday Jan. 18th at 16:15 – 19:00 (English)
  – Torsdag 19. januar kl 16:15 – 19:00
  – Friday Jan. 20th at 12:15 – 15:00 (English)

• BibLaTeX
  – Onsdag 25. januar kl 16:15 – 19.00
  – Torsdag 26. januar kl 16:15 – 19.00
  – Friday, Jan. 27th at 12:15 – 15:00 (English)

• Zotero
  – Wednesday 1st at 13:00 – 16:00 (English)

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BibLaTeX/LaTeX

The TeX-file

\begin{document}
\maketitle
\begin{abstract}
Some text and then a citation\cite{henrik} more text and a new citation \cite{nordahl}
\end{abstract}
\end{document}

The bib-file must reside in the same folder as the TeX-file or in the folder ~/texmf/bibtex/bib/

\@book{henrik,  
  Author = {Henrik Ibsen},  
  Title = {A doll's house},  
}

\@book{nordahl,  
  Author = {Nordahl Grieg},  
  Title = {The world must still be young},  
}
BibTeX/bibtex → BibLaTeX/biber

- Some differences between BibTeX and BibLaTeX
  - BibLaTeX and biber support UTF-8 character set
  - (bibtex supports ASCII; bibtex8 supports Latin1)
  - BibLaTeX has a broader range of reference information fields
    - BibLaTeX is easier to customize
- Emacs supports both BibLaTeX and BibTeX fields
- The reference databases provide BibTeX fields
- The BibLaTeX/biber handles BibTeX-data (but not the other way round)

Reference information fields

- author / editor
- title / subtitle / booktitle / journaltitle
- edition
- volume
- number
- pages
- location
- publisher
- year / date
- ...

Document types and mandatory fields

- article (journal article)
  - author, title, journaltitle, year|date
- book / inbook
  - author, title, year|date / +booktitle
- collection / incollection
  - editor, title, year|date / +author, booktitle
- proceedings / inproceedings
  - editor, title, year|date / +author, booktitle
- thesis
  - author, title, type, institution, year|date
- online
  - author|editor, title, year|date, url (and urldate)

Journal article

@Article{knuth1974,
  author = {Donald E. Knuth},
  title = {Computer programming as an art},
  journaltitle = {Communications of the ACM},
  year = {1974},
  volume = {17},
  number = {12},
  pages = {667--673},
  month = {December},
}

Book

@Book{Dahl1992,
  author = {Ole-Johan Dahl},
  title = {Verifiable programming},
  publisher = {Prentice Hall},
  year = {1992},
}

Chapter in a book

@Book{strucprog,
  author = {Ole-Johan Dahl and C.A.R. Hoare and Edsger Dijkstra},
  title = {Structured programming},
  publisher = {Academic press},
  year = {1972},
}

@InBook{dahlhoare,
  author = {Ole-Johan Dahl and C.A.R. Hoare},
  title = {Hierarchical program structures},
  chapter = {3},
  crossref = {strucprog},
  pages = {175--220}
}

Conference paper

@Proceedings{hopl78,
  title = {History of programming languages},
  year = {1978},
  editor = {Wexelblat, Richard L.},
  publisher = {ACM}
}

@InProceedings{simula,
  author = {Nygaard, Kristen and Dahl, Ole-Johan},
  title = {The development of the SIMULA languages},
  pages = {439--480},
  crossref = {hopl78}
}

References


— http://jabref.sourceforge.net/
macros - abbreviations

- \@string{atch}={ACM Transactions on Computer-Human Interactions}
  - \journaltitle = atch,
- \@string{dek}={Donald Erwin Knuth}
  - \author = dek,
- \@string{apa}={American Psychological Association}
  - \publisher = apa,

  • a macro must appear before the first reference using it in the bib file
  • advice: put all your macros at the top of your bib file or in a separate file (which then must be loaded first):
    • \addbibresource{macros.bib}
    • \addbibresource{library.bib}
A complete example: numeric style

The tex-file (example.tex)

```
documentclass[11pt,english,a4paper]{article}
usepackage{babel,csquotes}
usepackage[backend=biber, citestyle=numeric, bibstyle=numeric]{biblatex}
addbibresource{library.bib}
begin{document}
section*{Introduction}
Donald E. Knuth has written a book about digital typography \cite{knuth}.
\printbibliography
end{document}
```

The bib-file (library.bib)

```
@Book{knuth,
  author = {Donald E. Knuth},
  title = {Digital typography},
  publisher = {CLSI publications},
  year = {1999}
}
```

LaTeX/biber processing

The tex-file (example.tex)

```
documentclass[11pt,english,a4paper]{article}
usepackage{babel,csquotes}
usepackage[backend=biber, citestyle=alphabetic, bibstyle=alphabetic]{biblatex}
addbibresource{library.bib}
begin{document}
section*{Introduction}
Donald E. Knuth has written a book about digital typography \cite{knuth}.
\printbibliography
end{document}
```

The bib-file (library.bib)

```
@Book{knuth,
  author = {Donald E. Knuth},
  title = {Digital typography},
  publisher = {CLSI publications},
  year = {1999}
}
```

LaTeX/biber processing
Donald E. Knuth has written a book about digital typography. \cite{knuth}.
1. Donald E. Knuth has written a book about digital typography\cite{knuth}.\printbibliography

2. Example: \cite{knuth}

\begin{document}
\section*{Introduction}
Donald E. Knuth has written a book about digital typography which is entitled Digital Typography.\footnote{Donald E. Knuth. Digital Typography. CSLU publications, 1999.}
\printbibliography
\end{document}
Sorting citations

\documentclass[11pt,english,a4paper]{article}
\usepackage[babel,ngerman]{babel}
\usepackage[backend=biber,style=numeric,sortcites=true]{biblatex}
\addbibresource{library.bib}

\begin{document}
\chapter{...
\begin{refsection}
...
\printbibliography
\end{refsection}
\chapter{...
\begin{refsection}
...
\end{refsection}
\end{document}

Multiple bibliographies – 1
in the end of each chapter

\documentclass[11pt,english,a4paper]{article}
\usepackage[babel,ngerman]{babel}
\usepackage[backend=biber,style=numeric]{biblatex}
\addbibresource{library.bib}

\begin{document}
\chapter{...
\begin{refsection}
...
\end{refsection}
\chapter{...
\begin{refsection}
...
\end{refsection}
\end{document}

Multiple bibliographies – 2
in the end, subdivided by chapters

\documentclass[11pt,english,a4paper]{article}
\usepackage[babel,ngerman]{babel}
\usepackage[backend=biber,style=numeric-comp]{biblatex}
\addbibresource{library.bib}

\begin{document}
\chapter{...
\begin{refsection}
...
\end{refsection}
\chapter{...
\begin{refsection}
...
\end{refsection}
\end{document}
\printbibliography[<key=value,...>]

- section=<number> / heading=<name>
- title=<text>
- prenote=<name1>
  - \defbibnote{name1}{<text>}
- postnote=<name2>
- type=<entrytype>
  - type=books
- notype=<entrytype>
  - notype=online
- keyword=<keyword>
- notkeyword=<keyword>
- ...

BibLaTeX documents

- BibLaTeX Manual
- Dag Langmyhr/Knut Hegna: Local guide to BibLaTeX
  http://dag.et.hi.uio.no/latex/links/biblatex-guide.pdf
- Knut Hegna: BibLaTeX - Course notes
  http://dag.et.hi.uio.no/latex/nextweek
- LaTeX/Bibliography management
  http://en.wikibooks.org/wiki/LaTeX/Bibliography_Management
- LaTeX-books in the library

BibLaTeX

- Onsdag 25. januar kl 16.15 – 19.00
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  (English)

From Zotero to BibLaTeX
Exporting from Zotero to BibLaTeX

Export problems

- LaTeX commands in Zotero are not preserved
  - Ex: \newline \rightarrow \textbackslash \textbackslash \newline
- No book/inbook logic exists
- Synchronizing bib file and Zotero:
  - Zotero is the source
  - A change in the bib-file must either be copied to Zotero or be repeated with every following Zotero-to-bib export
- Identifiers/keys consistent from one export to the next?
  - A hack version of the export algorithm lets you define your own identifiers/keys

References