bath-bst: Harvard referencing style as recommended by the University of Bath Library

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Package v2.0 – 23 April 2018

1 Introduction

The data model offered by the standard BibTeX styles, and even the extended natbib variants, is not really rich enough to support the nuances of the Harvard (Bath) style. This means design decisions have to be made about whether to attempt some level of compatibility with other styles or craft something utterly unique.

In the first version of bath-bst, the intention was to set things up so that, if the same .bib file was used with a different style, the features peculiar to the Harvard (Bath) style would be ignored and the remaining information would come out in a sensible arrangement. The recommendations of the style’s documentation were to use the standard entry types as much as possible (though more semantic aliases were provided), and minimal new fields were introduced. For the more exotic (in BibTeX terms) demands of the style, extensive use was made of the (standard) note and (non-standard) titleaddon fields to place information properly. If you have written a .bib file according the principles in that first version, the bath style will still work as advertised for you.

The second version introduces a new variant, bathx (‘Bath extended’), which has a different aim. The idea with this one is that .bib files written for this style will be rendered just the same by the companion biblatex-bath style. Where possible, features from the latter have been emulated for BibTeX; otherwise, the ‘cheats’ used in this style will also work under biblatex.

Happily, it has been possible to do this while keeping most of the code in common. The main differences between two versions are as follows:

- In bath, the titleaddon field is printed bare, while in bathx it is wrapped in square brackets.
- In bathx online items are marked with ‘[Online]’ automatically, while in bath you have to mark them thus yourself.
- In bathx undated items are marked with ‘n.d.’ automatically, while in bath you have to give ‘n.d.’ as the value of year yourself.

One other change worth noting regards URL access dates. In version 1, the advice was to put them in urldate. With version 2 the advice is now to put them, perhaps counter-intuitively, in urlyear. The reason is that biblatex will complain if the value of urldate is in the wrong format, but will happily print the contents of urlyear literally. If you don’t care about biblatex compatibility, you can continue to use urldate.

This document provides a suite of examples that demonstrate and test the bibliography format that was recommended for version 1.0 of the style.

2 Using the style

To use the style, add these lines to your preamble:

*To contact the maintainer about this package, please visit the repository where the code is hosted: https://github.com/alex-ball/batbib.
Remember also to specify your \bibliographystyle{bath} file at the end of the document:

\bibliography{file}

To make a citation in the text, use the key that corresponds to the entry in your .bib file:

While collections can be supplemented by other means \citep{williams1997edd}, the absence of an invisible collection amongst historians is noted by \citet{stieg1981inh}. It may be, as \citet{burchard1965hhl} points out, that they have no assistants or are reluctant to delegate, or it may be down to economic factors \citep{adams2009tc1, adams2014tc2, gb.pa2014, adams2017tc3}…

Please refer to the documentation for \texttt{natbib} for the full range of commands available for in-text citations. Be aware that the \texttt{natbib} option \texttt{sort} will sort citations in bibliography order, rather than the chronological order demanded by Harvard (Bath) – so don’t use it!

3 Examples

The examples below are shown in three parts. The first, marked with 
, shows an extract from the Harvard (Bath) guide to citing and referencing or Referencing images. The second, marked with 
, shows the reference as formatted by Bib\TeX. The last shows how the reference was entered in the .bib file. The bottom right corner shows the source of the example: ‘HBS’ indicates the ‘Specific examples’ section of the Guide (followed by the number of the example); ‘ref. list’ indicates the ‘How to organise a reference list’ section of the Guide; ‘RI’ indicates Referencing images.

Some examples are highlighted in orange. This indicates that some fields have been ‘abused’ to achieve the right effect; in other words, they contain information that does not conform with their intended use. Some others make use of the note and titleaddon fields to achieve the right effect, where other styles might need the information placed differently. Particular care should be taken with such items when switching between different styles, though of course any item might need adjustment to take account of differing conventions.
3.1 Books and book chapters

Book with author(s)


@book{rang.etal2012rdp,
year = {2012},
title = {Rang and Dale’s Pharmacology},
edition = {7},
address = {Edinburgh},
publisher = {Elsevier Churchill Livingstone}}


@book{ou1972em,
author = {Open University},
year = {1972},
title = {Electricity and Magnetism},
address = {Bletchley},
publisher = {Open University Press}}

Book with editor(s) instead of author(s)


@book{rothman.etal2008me,
editor = {Kenneth J. Rothman and Sander Greenland and Timothy L. Lash},
year = {2008},
title = {Modern Epidemiology},
edition = {3},
address = {Philadelphia, Pa.},
publisher = {Lippincott Williams & Wilkins}}

Book usually known by title rather than author


@book{oed1989,
title = {Oxford (English) Dictionary},
year = {1989},
edition = {2},
address = {Oxford},
publisher = {Clarendon Press}}


3.2 Articles and periodicals

Journal article


@article{stieg1981cer,
    author = {Stieg, M. F.},
    year = {1981},
    title = {Continuing Education and the Reference Librarian in the Academic and Research Library},
    journal = {Library Journal},
    volume = {105},
    number = {22},
    pages = {2547-2551}}

@article{stieg1981inh,
  author = {Stieg, M. F.},
  year = {1981},
  title = {The Information Needs of Historians},
  journal = {College and Research Libraries},
  volume = {42},
  number = {6},
  pages = {549-560}}


@article{newman2010mcb,
  author = {Newman, R.},
  year = {2010},
  title = {Malaria control beyond 2010},
  journal = {Brit. Med. J.},
  volume = {341},
  number = {7765},
  pages = {157-208}}

Electronic journal article


@article{williams1997edd,
  author = {Williams, F.},
  year = {1997},
  title = {Electronic Document Delivery: a Trial in an Academic Library},
  journal = {Ariadne [Online]},
  volume = {10},
  url = {http://www.ariadne.ac.uk/issue10/edd/},
  urldate = {5 December 1997}}
Preprint in a digital repository


The Harvard (Bath) style treats preprints as grey literature, and so the `techreport` entry type is the best match semantically.

Newspaper article

Give the issue’s day and month as the `volume`.


3.3 Conference papers

As in the standard BibTeX styles, `conference` is a legacy (and highly deprecated) alias for `inproceedings`.
Conference paper (when proceedings have a named editor)


@inproceedings{crawford1965oim,
author = {Crawford, G. I.},
year = {1965},
title = {Oxygen in Metals},
editor = {J. M. A. Lenihan and S. J. Thompson},
booktitle = {Activation Analysis: Proceedings of a NATO Advanced Study Institute},
venue = {2--4 August 1964 Glasgow},
address = {London},
publisher = {Academic Press},
pages = {113-118}}

Conference paper (when proceedings have no named editor or are part of a major series)


@inproceedings{soper1972rbc,
author = {Soper, D.},
year = {1972},
title = {Review of Bracken Control Experiments with Asulam},
booktitle = {Proceedings of the 11th British Weed Control Conference},
venue = {15--17 November 1972 Brighton},
address = {Brighton},
publisher = {University of Sussex},
pages = {24-31}}

3.4 Grey literature

Thesis/dissertation


@mastersthesis{burrell1973ist,
author = {Burrell, J. G.},
year = {1973},
title = {The Importance of School Tours in Education},
type = {Thesis (M.A.)},
school = {Queen’s University, Belfast}}

Internally, thesis is an alias for phdthesis.
Report


@techreport{unesco1993gip,
  author = {{UNESCO}},
  year = {1993},
  title = {General Information Programme and UNISIST},
  address = {Paris},
  institution = {UNESCO},
  number = {PGI-93/WS/22}}

Internally, report is an alias for techreport.

Standard

Unless it already has one, give the standard identifier as the author. This is not terribly semantic but is the easiest way to get the bibliography sorting and citation text correct.

@manual{bs5605:1990,
  author = {{BS 5605:1990}},
  title = {Recommendations for citing and referencing published material},
  organization = {BSI}}

Internally, standard is an alias for manual.

Patent


@manual{pm1981ops,
  author = {{Phillipp Morris Inc.}},
  year = {1981},
  title = {Optical perforating apparatus and system},
  series = {European patent application},
  number = {0021165A1. 1981-01-07}}

Internally, patent is an alias for manual.

3.5 Audiovisual materials

Image

You can use online (an alias for manual) for online images and unpublished for physical images.
You can use either the **publisher** or the **organization** field to record the source of the image. If you use both, **organization** will be ignored.
Map


@manual{andrews.dury1773wilts,
  author = {Andrews, J. and Dury, A.},
  year = {1773},
  title = {Map of Wiltshire},
  series = {1 inch to 2 miles},
  address = {Devizes},
  publisher = {Wiltshire Record Society}}

The book entry type would also work for this reference.

Film, video or DVD


@booklet{macbeth1948,
  year = {1948},
  title = {Macbeth},
  howpublished = {Film. Directed by Orson Welles},
  address = {USA},
  publisher = {Republic Pictures}}

Internally, movie and video are aliases for booklet.

Streamed video (YouTube, TED Talks, etc.)


@manual{moran2016sol,
  author = {Moran, C.},
  year = {2016},
  title = {Save Our Libraries},
  titleaddon = {[Online]},
  url = {https://www.youtube.com/watch?v=gKTfCz4JtVE&feature=youtu.be},
  urldate = {29 April 2016}}


@manual{uob2015wie,
  author = {{University of Bath}},
  year = {2015},
  title = {What is Engineering?},
  url = {https://www.youtube.com/watch?v=NoyZarq-Zbo},
  urldate = {12 January 2016}}
Television or radio broadcast

Rick Stein’s French Odyssey: Episode 5, 2006. TV. BBC2, 23 August. 20.30 hrs.

@booklet{rsfo2006ep5,
  year = {2006},
  title = {Rick Stein's French Odyssey: Episode 5},
  howpublished = {TV. BBC2, 23 August. 20.30 hrs}}


@booklet{archers20060823,
  year = {2006},
  title = {The Archers},
  howpublished = {Radio. BBC Radio 4, 23 August. 19.02 hrs}}

Internally, audio and music are aliases for booklet.

Music score


@book{beethoven1950symph1,
  author = {Ludwig van Beethoven},
  year = {1950},
  title = {Symphony no.1 in {C, Op.21}},
  address = {Harmondsworth},
  publisher = {Penguin}}

3.6 Digital media

Website/webpage

While it is normal when using BibTeX to use misc for websites, with this style you should use online (or electronic or www) instead. Internally these are all aliases for manual.


@manual{holland2002gci,
  author = {Holland, M.},
  year = {2002},
  title = {Guide to Citing Internet Sources},
  titleaddon = {[Online]},
  address = {Poole},
  organization = {Bournemouth University},
  url = {http://www.bournemouth.ac.uk/library/using/guide_to_citing_internet_sourc.html},
  urldate = {4 November 2002}}

@online{wiltshire2015gww,  
author = {{Wiltshire Council}},  
year = {2015},  
title = {Get {Wiltshire} walking},  
titleaddon = {[Online]},  
address = {Trowbridge},  
organization = {Wiltshire Council},  
url = {http://www.wiltshire.gov.uk/leisureandrecreation/sportphysicalactivity/getwiltshirewalking.html},  
urldate = {19 August 2015}}

Email discussion lists (jiscmail/listserv etc.)

Clark, T., 5 July 2004. A European UK Libraries Plus? *Lis-link* [Online]. Available from: [lis-link@jiscmail.ac.uk](lis-link@jiscmail.ac.uk) [Accessed 30 July 2004].

@article{clark2004euk,  
author = {Clark, T.},  
year = {5 July 2004},  
title = {A {European} {UK} {Libraries} {Plus}?},  
journal = {Lis-link [Online]},  
url = {lis-link@jiscmail.ac.uk},  
urldate = {30 July 2004}}

Use the *journal* field to specify the mailing list.

You will need to put the full date in the *year* field; unfortunately this means you have to put in extra work to show only the year in citations:

\citetext{\citeauthor[2004]{clark2004euk}} (Clark, 2004)

Personal emails


@unpublished{alston2004sah,  
author = {Alston, S.},  
year = {19 July 2004},  
title = {Society of {Architectural} {Historians} of {GB}},  
note = {Email to K.M. Jordan}}
Database


@manual{bvd2008bt,
  author = {{Bureau van Dijk}},
  year = {2008},
  title = {{BT} {Group} PLC Company Report},
  series = {\emph{FAME} [Online]},
  address = {London},
  organization = {Bureau van Dijk},
  url = {http://www.portal.euromonitor.com},
  urldate = {6 November 2014}}

Dataset


@manual{wilson2013rgc,
  author = {Wilson, D.},
  year = {2013},
  title = {Real Geometry and Connectedness via Triangular Description: {CAD} Example Bank},
  titleaddon = {[Online]},
  address = {Bath},
  organization = {University of Bath},
  doi = {10.15125/BATH-00069},
  urldate = {20 April 2016}}

Internally, dataset is an alias for manual.

Computer program


@manual{screencasto,
  author = @screencasto,
  title = {Screencast-O-Matic},
  titleaddon = {v.2 [computer program]},
  url = {https://screencast-o-matic.com/},
  urldate = {16 May 2016}}

Internally, software is an alias for manual.
3.7 Works in languages other than English

Work in translation


```latex
@book{aristotle2007ne,
author = {Aristotle},
year = {2007},
title = {Nicomachean Ethics},
titleaddon = {(W.D. Ross. Trans.)},
address = {South Dakota},
publisher = {NuVisions})
```

Work in the Roman alphabet


```latex
@book{esquivel2003cap,
author = {Esquivel, L.},
year = {2003},
title = {Como Agua para Chocolate},
titleaddon = {[Like water for chocolate]},
address = {Barcelona},
publisher = {Debolsillo})
```

Work in a non-Roman alphabet


```latex
@article{thurfjell1975vhv,
author = {Thurfjell, W.},
year = {1975},
title = {Vart har våran doktor tagit vägen?},
titleaddon = {[Where has our doctor gone?]},
journal = {Läkartidningen},
volume = {72},
pages = {789}}
```

Work in a non-Roman alphabet

- The following example tricks BibTeX into treating the original rendering of the author’s name as the ‘von’ part of a Roman-alphabet name. This requires the use of a command that simply gobbles its argument, which you have to define yourself:

```latex
\newcommand*{noop}[1]{}
```

For the trick to work, the argument you give to \texttt{noop} must be lowercase, but otherwise it can be anything you like.
Hua, L. 1999. Qingdai yilai Sanxia diqu shuihan zaihai de chubu yanjiu 清代以来三峽地區水旱災害的初步研究 [A preliminary study of floods and droughts in the Three Gorges region since the Qing dynasty], Zhongguo shehui kexue 中國社會科學, 1, pp.168–79.


@article{hua1999qys1,
  author = {Linfu 華林甫 Hua},
  year = {1999},
  title = {Qingdai yilai Sanxia diqu shuihan zaihai de chubu yanjiu 清代以來三峽地區水旱災害的初步研究 [A preliminary study of floods and droughts in the Three Gorges region since the Qing dynasty]},
  titleaddon = {
    journal = {Zhongguo shehui kexue 中國社會科學},
    volume = {1},
    pages = {168-79}}
}

3.8 Legal references: UK legislation and parliamentary reports

Act of Parliament (UK Statutes) before 1963

Witchcraft Act 1735 (9 Geo.2, c.5).

@book{gb.wa1735,
  key = {Witchcraft Act 1735},
  title = {Witchcraft (Act) 1735},
  titleaddon = {
    (9 Geo.2, c.5)}}

HBS 32
Act of Parliament (UK Statutes) 1963 onwards


House of Commons/House of Lords bill


Statutory instrument


House of Commons paper

Use this form for reports of House of Commons select committees.
House of Lords paper
Use this form for reports of House of Lords select committees.

@techreport{gb.hl1986/87-66,
  author = {{Great Britain. Parliament. House of Lords}},
  year = {1987},
  title = {Social Fund (Maternity and Funeral Expenses) Bill},
  address = {London},
  publisher = {HMSO},
  type = {{HL}},
  number = {1986/87, (66)}
}

Command paper

@techreport{gb.cm6041,
  author = {{Great Britain. Ministry of Defence}},
  year = {2004},
  title = {Delivering security in a changing world: defence white paper},
  address = {London},
  publisher = {TSO},
  type = {{Cm.}},
  number = {6041}
}
3.9 Legal references: EU legislation and reports

EU regulation or directive, decision, recommendation or opinion


EU publication

Legal case study


Generally speaking, the year should be in square brackets if it is essential to the citation (unless it is a Scottish case, in which case it is printed bare), and in parentheses if it is not.
References


BS 5605:1990. Recommendations for citing and referencing published material. BSI.


@screencasto. Screencast-O-Matic (v.2) [computer program]. Available from: https://screencast-o-matic.com/ [Accessed 16 May 2016].


Witchcraft Act 1735 (9 Geo.2, c.5).