The chscite package∗

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December 16, 2012

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1 Introduction

This package, heavily based on the harvard package for Harvard-style citations, provides a citation suite for students at Chalmers University of Technology that follows given recommendations. The package is aimed at the swedish audience, with additional support for english enabled by default.

2 Usage

This section assumes general knowledge of BibTeX, and in particular that the user knows how to create BibTeX databases, include these in LATEX documents and run the bibtex binary.

∗This document corresponds to chscite v2.9999 (converges to 3, a completely arbitrary number), dated 2012/12/16.
†This package is currently unmaintained. If you’d like to maintain it, please get in touch and I’ll transfer the Github repository to you.
2.1 Options

The package is invoked as `\usepackage[⟨language⟩]{chscite}`, where ⟨language⟩ can be either `english` (the default) or `swedish`. The language option controls the language of various internal strings used by the Bib\TeX style `chscite.bst`.

2.2 Commands

The package itself contains relatively few user-exposed commands. These can be used to cite references in a few different ways. For more information on these commands, refer to the `harvard` package manual.

2.2.1 Full citations

- `\nocite{⟨reference⟩}` command includes a reference in the bibliography without printing anything. This is useful for references that aren’t actually referenced in text.
- `\cite{⟨reference⟩}` command works as for standard Bib\TeX styles, except it now uses the Harvard convention for citing references. Sample output: (Lamport 1986).
- `\citeaffixed{⟨prefix⟩}{⟨suffix⟩}{⟨reference⟩}` command works the same way as `\cite`, but prefixes the output with ⟨prefix⟩. Sample output: (i.e. Lamport 1986).
- `\citeasnoun{⟨prefix⟩}{⟨suffix⟩}{⟨reference⟩}` command cites a reference as a noun. Sample output: Lamport’s (1986).

2.2.2 Partial citations

- `\citename{⟨reference⟩}` command simply prints the author name(s) of the given reference.
- `\citeyear{⟨reference⟩}` command simply prints the year of the given reference.

2.3 Using `@misc` for web sources

In this package, the `@misc` Bib\TeX style has been crafted to typeset web sources correctly as per Chalmers recommendations. Proper use, apart from usual Bib\TeX syntax, includes using the `note` field to specify retrieval date and the `howpublished` field for web page title:

```
@misc{google,
  author = {Johnson, S.},
  year = 2007,
  title = {Exploiting the mobile channel},
  howpublished = {m.Net Corporation},
  url = {http://www.mnetcorporation.com/article-exploiting-the-mobile-channel},
```

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2.4 Using the @patent entry type

The @patent included in this package is a custom alternative to @techreport especially made for referencing patents. Required fields are author, year, title and number (the patent number). There are no optional fields:

@patent{volvo, 
author = {{Volvo Lastvagnar}}, 
year = 2006, 
title = {Information based controlling of chassis height of a vehicle}, 
number = {SE0403224}
}

3 Known issues

The chscite.bst BibTeX style does not support cross references at the moment. This is a planned improvement.