PICSL lab bibliography technical instructions

Release 0.1

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Abstract

This document explains how to update the lab master bibliography and website.

Contents

1   Introduction

We maintain a lab-wide Bibtex file for multiple uses, including updating the website but also for grant applications and departmental reporting requirements. Each member of the lab needs to contribute their own publications to the bibliography, and we must all use a consistent system to avoid divergence in citation style.

1.1   Setup

To get started, perform the following one-time setup steps.

1. Register for a free GitHub account, and email your username to Phil

2. Install Jabref 2.9.2 for your platform (see section on Jabref below)

2   The Git repository

The picslbib Git repository contains the Bibtex and this document. You may clone via https or ssh, depending on how your Git is configured. To clone via https, do

```
$ git clone https://github.com/cookpa/picslbib.git
```

You only need to clone once, thereafter you can merge updates made by others.

2.1   Updating your repository

Before working on your own entries, you should update to the latest version.

```
$ git fetch
$ git merge origin/master
```

This should merge changes to `picsl.bib` made by others. Now you can edit `picsl.bib` in Jabref.

3   Jabref

Jabref is hosted at Sourceforge and therefore blocked by the UPHS firewall. Version 2.9.2 may be obtained from

```
/mnt/build/pcook/jabref
```

The JAR version is multi-platform, there are also install packages for Windows and Mac OS.

3.1   Jabref settings

The first time you run Jabref, a few settings need to be changed.

Under Preferences, change the following settings:

- Under "File", set `Store the following fields with braces around capital letters` to `title;journal;institution;booktitle`.

- Under "BibTeX key generator", set `Default pattern` to `[auth][year][journal:abbr]`.

Next, add the list of journal abbreviations. A text file `medline_journal_abbr.txt` is included in the picslbib repository. This includes abbreviations for all journals and conferences indexed in Medline. Go to the Options menu and select Manage journal abbreviations. Under External files, click Browse and select `medline_journal_abbr.txt`.

3.2   Testing entries

Jabref does very limited error checking at entry. To test the citations further, you can compile `citeReferences.tex`. This is configured to cite everything in the bibliography. You will be able to see any Bibtex errors and check that your citations render correctly.

4   Uploading the bibliography to the website

First, update the repository.

```
$ git status
# On branch master
# Changes not staged for commit:
#   (use "git add <file >..." to update what will be committed)
#   (use "git checkout -- <file >..." to discard changes in working directory)
#
# modified:   picsl.bib
#
no changes added to commit (use "git add" and/or "git commit -a")
```

Git only commits modifications when told to do so

```
$ git add picsl.bib
$ git commit -m "Adding NeuroImage paper"
```

You can commit multiple times, the changes won't be pushed to the remote repository until you push them:

```
$ git push origin master
```

The website updates the bibliography from the Git repository nightly.

To update the website right away, there is a script on bigmac that will upload a file for you.

```
1  $ /home/pcook/bin/bin/uploadBibtex.sh picsl.bib
```

5   Citations on the website

To list an article on the site, add the following text to the post or page:

```
1  [bibtex file=picsl.bib key=BibTexKey]
```

where `BibTexKey` is the Bibtex key of the entry you wish to cite.

This functionality is provided by the PaperCite Wordpress plugin.

5.1   Listing your own papers for your personal page

In Jabref, search for your name using the "Filter" option. If this doesn't isolate your papers, you can make the search case sensitive, or use regular expressions. When you've isolated your papers, sort them by "Entrytype" if you want to separate proceedings from articles. Then right click on a bunch of papers, and select "Copy BibTex key". It will copy a comma separated list of keys to the clipboard. On the site, simply paste these into a papercite call:

```
1  [bibtex file=picsl.bib key=Key1,Key2,Key3 sort=year order=desc]
```

In the above example, I have set the sort order to descending date, so most recent publications will appear first.

5.2   Inline citations

If you want to cite papers inline with text, use the `bibshow` and `bibcite` commands:

```
1  [bibshow file=picsl.bib]

3  Here's some text with a citation [bibcite key=Key1]. Cite the papers and close the \
    bibshow tag to print the list of references [bibcite key=Key2,Key3].

5  References
   [/bibshow]
```