
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.

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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`.

4 Uploading the bibliography to the website

First, update the repository.

```

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

```

Git only commits modifications when told to do so

```

1  $ git add picsl.bib
   $ git commit -m "Changes made by $user"

```

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

```
[ 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, please see its documentation for other capabilities.