

# JabRef 使用笔记

赵振华

近物所

- 1 谁是"JabRef"?
- 2 安装
- 3 建立数据库和设置
- 4 添加文献
- 5 文献分组
- 6 一些技巧
- 7 和WinEdit结合使用
- 8 最后投稿

# JabRef

下面这段文字来自于: <http://blog.solrex.cn/articles/jabref-quick-guide.html>

- JabRef 是一个开源的参考文献管理软件, 使用 Java 语言编写, 所以天生具有跨平台特性, 通用于安装有 Java 支持的 Windows, Linux 和 Mac, 软件主页在: <http://jabref.sourceforge.net/>。它可以很方便地管理下载到本机的文献, 生成 BibTeX 文献数据库, 供 LaTeX 或其它软件使用, 可以与 Kile, Emacs, Vim, WinEdt 等多种软件结合使用。

# 它看起来应该是这个样子：

The screenshot shows the JabRef application window. The main area displays a table of 14 entries from a database. The table has columns for #, Entry, Author, Title, Year, Journal, and Timestamp. The entries are listed as follows:

#	Entry	Author	Title	Year	Journal	Timestamp
1	Article	Bade and Jehle	An Introduction to Spinors	1953	Rev. Mod. Phys.	2008.07.04
2	Article	Bluhm and Kostelecky	Lorentz and CPT Tests with Spin-Polarized Solids	2000	Phys. Rev. Lett.	2008.07.04
3	Article	Brill and Wheeler	Interaction of Neutrinos and Gravitational Fields	1957	Rev. Mod. Phys.	2008.07.04
4	Article	DeWitt and Dewitt	The Quantum Theory of Interacting Gravitational and Spinor Fields	1952	Phys. Rev.	2008.07.02
5	Article	Feng et al.	Searching for CPT Violation with Cosmic Microwave Background Data	2006	Physical Review	2008.07.02
6	Article	Kerr	Gravitational Field of a Spinning Mass as an Example of Algebraically Special Solutions	1963	Phys. Rev. Lett.	2008.07.04
7	Article	Mohanty et al.	Experimental tests of curvature couplings of fermions in general relativity	2002	Phys. Rev. D	2008.07.02
8	Article	Nicolaevici	Comment on Ichari (Spin, Gravity, and Inertialchar17)	2002	Phys. Rev. Lett.	2008.07.02
9	Article	Obukhov	Obukhov Replies	2002	Phys. Rev. Lett.	2008.07.02
10	Article	Obukhov	Spin, Gravity, and Inertia	2001	Phys. Rev. Lett.	2008.07.02
11	Article	Sinha and Mukhopadhyay	CPT and lepton number violation in the neutrino sector: Modified mass	2008	Physical Review	2008.07.02
12	Article	Utiyama	Invariant Theoretical Interpretation of Interaction	1956	Phys. Rev.	2008.07.03
13	Article	Zakharov et al.	Tetrad formalism and reference frames in general relativity	2006	Physics of Part.	2008.07.03
14	Article	Zhao et al.	Energy-level shifts of a stationary hydrogen atom in a static external gra...	2007	Physical Review	2008.07.02

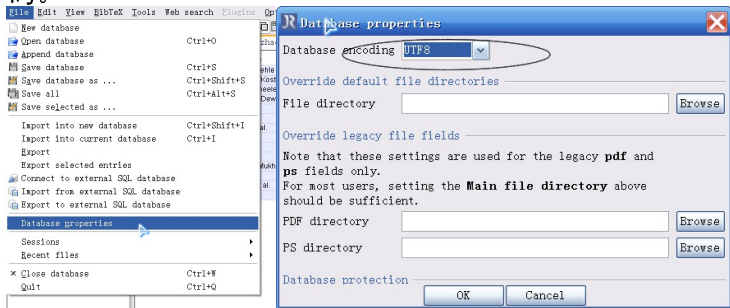
At the bottom of the window, the status bar reads: "Status: Opened database 'F:\library\_zhao\Jabref\test\library\_zhao.bib' with 14 entries."

# 安装

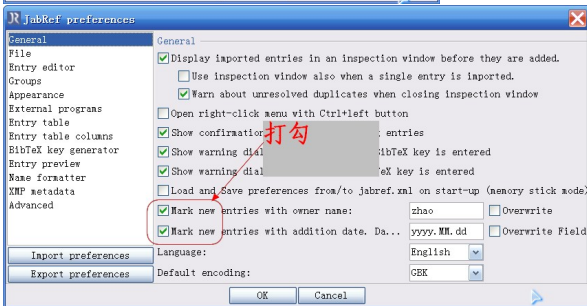
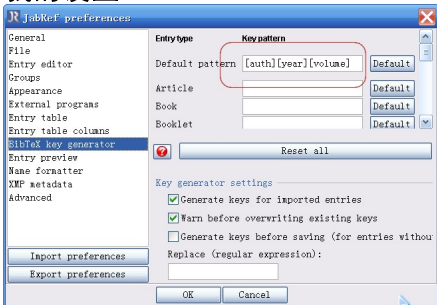
- 首先安装，Java的解释器 Jre，下载地址：[http://www.java.com/zh\\_CN/download/index.jsp](http://www.java.com/zh_CN/download/index.jsp)
- 然后到官方网站下载 JabRef：<http://jabref.sourceforge.net/download.php>，建议下载后缀为\*.jar的免安装版。

## 建立数据库和设置

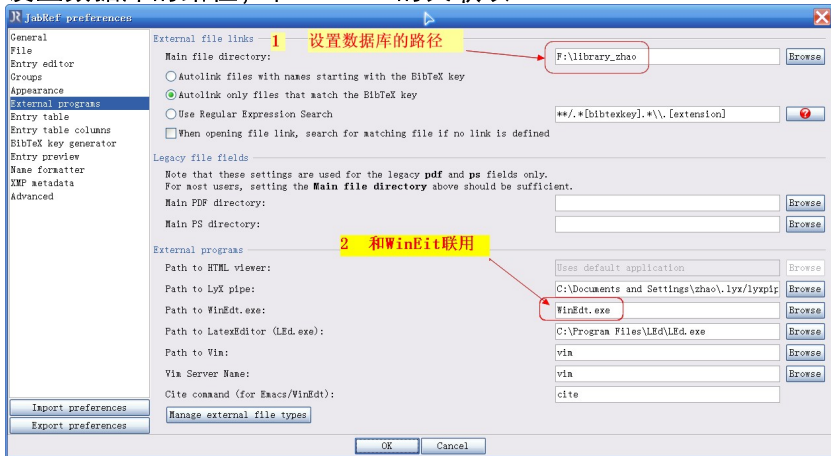
- 建立一个新的数据库，保存的时候输入随你喜欢的名字。
- 设置Database Encoding 设置为UTF-8,这是国际通用的编码。



## ● 我的设置

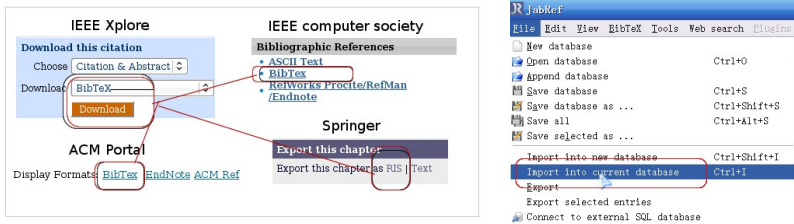


## ● 设置数据库的路径，和WinEdit的关联项



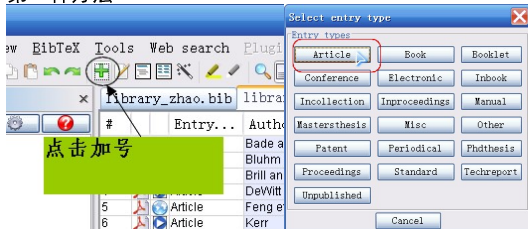
# 添加文献：

- 从文献数据库中下载\*.bib或\*.ris的文件然后导入



上面左图来自于：<http://blog.solrex.cn/articles/jabref-quick-guide.html>

- 第二种方法





# 添加文献：

## 从文献数据库拷贝



不要拷贝最后的括号

```
@Article(Holstein:1995mw,  
author = Holstein, Barry R.,  
title = "[Chiral Perturbation Theory: a Primer]",  
year = "1995",  
eprint = "hep-ph/9510344",  
archivePrefix = "arXiv",  
SLACcitation = "%XCITATION = HEP-PH/9510344.%W")
```

1

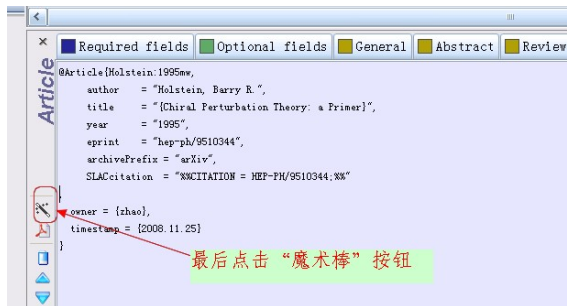
184 | Article

Required fields Optional fields General Abstract Review BibTeX source

```
@ARTICLE{  
author = {zhao},  
timestamp = {2008.11.25}  
}
```

选中这一部分，注意：不要选中“，”  
然后粘贴

## 添加文献：



## 导入文献对应的pdf文件：

- 把下载的pdf文件，以"bibtexkey" 的名字命名如下图，和你的数据文件放在同一的文件夹下。

10	Article	Синха и Мухопадхай	Spiral, gravity, and inertia	2001	Phys. Rev. D
11	Article	Sinha and Mukhopadhyay	CPT and lepton number violation in the neutrino sector: Modified mass ...	2008	Phys. Rev. D
12	Article	Utiyama	Invariant Theoretical Interpretation of Interaction	1956	Phys. Rev.
13	Article	Zakharov et al.	Tetrad formalism and reference frames in general relativity	2006	Phys. Rev. D
14	Article	Zhao et al.	Energy-level shifts of a stationary hydrogen atom in a static external gra...	2007	Phys. Rev. A

Required fields
Optional fields
General
Abstract
Review
BibTeX source

```

@ARTICLE {Utiyama1956101,
  author = {Utiyama, Ryoyu},
  title = {Invariant Theoretical Interpretation of Interaction},
  journal = {Phys. Rev. },
  year = {1956},
  volume = {101},
  pages = {1597--1607},
  number = {5},
  month = {Mar},
  doi = {10.1103/PhysRev.101.1597},
  file = {Utiyama1956101.pdf;Utiyama1956101.pdf;PDF},
  numpages = {10},
  publisher = {American Physical Society},
  timestamp = {2008.07.03}
}
          
```

蓝颜色的



# 导入文献对应的pdf文件：

## ● 按钮的含义

The screenshot shows the JabRef application window. The main window displays a list of entries from a library named 'library\_zhao.bib'. The columns are #, Entry..., Author, Title, Year, Journal, and Timestamp. Entry 12 is selected, and its details are shown in the bottom panel. Red arrows point to specific icons in the entry list and the details panel, with Chinese text explaining their functions.

#	Entry...	Author	Title	Year	Journal	Timestamp
1	Article	Bade and Jehle	An Introduction to Spinors	1953	Rev. Mod. Phys.	2006 07 04
2	Article	Bluhm and Koslecky	Lorentz and CPT Tests with Spin-Polarized Solids	2000	Phys. Rev. Lett.	2006 07 04
3	Article	Brill and Wheeler	Introduction to the Theory of Gravitational Fields	1957	Rev. Mod. Phys.	2006 07 04
4	Article	DeWitt and Dewitt	Quantizing Gravity: Two Different Pictures	1962	Phys. Rev.	2006 07 02
5	Article	Feng et al.	Probing the Structure of the Cosmic Microwave Background Data with Spinors	2006	Physical Review D	2006 07 02
6	Article	Kerr	Gravitational Radiation from a Rotating Black Hole: The Case of a Ring Singularity	1963	Phys. Rev. Lett.	2006 07 04
7	Article	Monahan et al.	Gravitational Radiation from a Ring Singularity: The Case of a Ring Singularity	2002	Phys. Rev. D	2006 07 02
8	Article	Nicolajew	Comment on 'charl6 (Spin, Gravity, and Inertia)	2002	Phys. Rev. Lett.	2006 07 02
9	Article	Obukhov	Obukhov Replies: Spin, Gravity, and Inertia	2002	Phys. Rev. Lett.	2006 07 02
10	Article	Obukhov	Spin, Gravity, and Inertia	2001	Phys. Rev. Lett.	2006 07 02
11	Article	Sinha and Mukhopadhyay	CPT and lepton number violation in the neutrino sector. Modified mass...	2008	Physical Review D	2008 07 02
12	Article	Utiyama	Invariant Theoretical Interpretation of Interaction	1956	Phys. Rev.	2006 07 03
13	Article	Zakharov et al.	Tetrad formalism and reference frames in general relativity	2006	Physics of Particles and Nuclear Physics	2006 07 03
14	Article	Zhao et al.	Energy-level shifts of a stationary hydrogen atom in a static external gra...	2007	Physical Review D	2006 07 02

Annotations in the image:

- Red arrow pointing to the magnifying glass icon in the entry list: 点此图标打开相应的数据库网页
- Red arrow pointing to the magnifying glass icon in the details panel: 点此图标打开相应的pdf文件

# 文献分组

- 首先建组，如图所示

The screenshot shows the JabRef interface with the 'Edit Group' dialog box open. The dialog box has a 'General' tab with the following options:

- Statically group entries by manual assignment
- Dynamically group entries by searching a field for a keyword
- Dynamically group entries by a free-form search expression

Under 'Hierarchical context':

- Independent group: When selected, view only this group's entries
- Refine supergroup: When selected, view entries contained in both this group...
- Include subgroups: When selected, view entries contained in this group or i...

The 'Description' field contains the text: "This group contains entries based on manual assignment. Entries can be assigned to this group by selecting them then using either drag and drop or the context menu. Entries can be removed from this group by selecting them then using the context menu. Every entry assigned to this group must have a unique key. The key may be changed at any time as long as it remains unique."

Red arrows indicate the workflow: one arrow points from the 'Add group' option in the 'Edit Group' menu to the 'Edit Group' dialog box, and another arrow points from the 'OK' button in the dialog box to the 'Add group' option in the menu.

Handwritten red text in the image says: "在此空白处 击右键" (Click the right button in this blank space).

## • 然后分组，如图所示

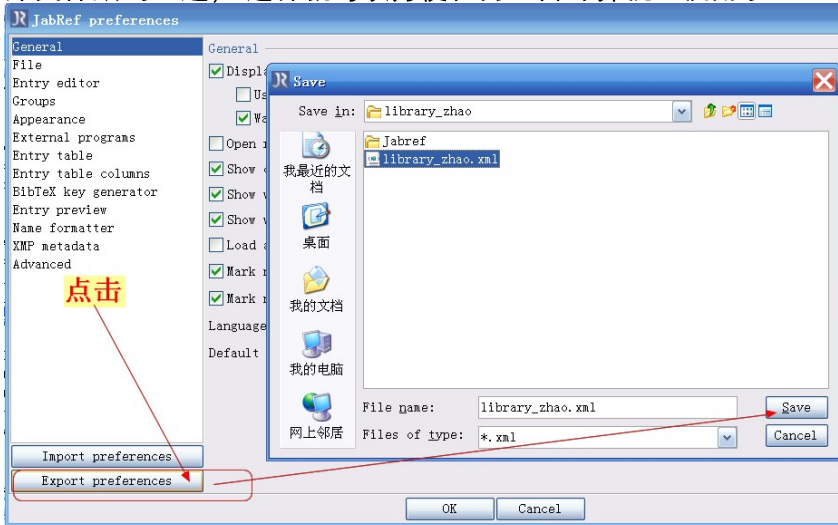
The screenshot shows the JabRef interface with a list of entries. Entry 7 is selected, and a context menu is open. The menu options are:

- Copy
- Paste
- Cut
- Delete
- Export to clipboard
- Mark entry
- Open file
- Open PDF or PS
- Open URL or DOI
- Copy BibTeX key
- Copy `\cite{BibTeX key}`
- Change entry type
- Plain text import
- Add to group
  - [gravitation]
  - dark energy
  - spinoor (highlighted)
  - gauge
  - tetrad
  - metric
- Assign exclusively to group
- Remove from group
- Float marked entries

Red handwritten text on the image says: "选中你要分组的数据，然后点右键" (Select the data you want to group, then click the right mouse button). A red arrow points from this text to the selected entry in the list.

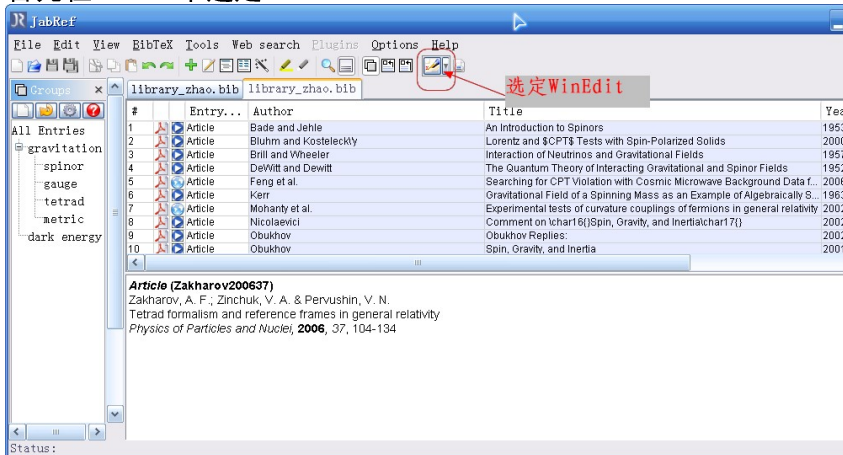
## 导出配置文件

- 导出配置文件和你的数据库文件放到一起，这样就可以方便在另一台计算机上使用了





- 首先在JabRef中选定WinEdit



- 其次打开WinEdit软件，把光标移动到你要插入参考文献的地方，
- 然后再点击JabRef中的WinEdit图标，文献就会自动插入到WinEdit中。

- 在你的tex文件中添加图中圈起的两行代码，让其找到你的数据库和参考文献的格式

```

51
52 \pacs(Valid PACS appear here)% PACS, the Physics and Astronomy
53 % Classification Scheme.
54 \key这是参考文献的格式 % use showkeys class option if keyword
55 % display desired
56 \mak
57
58 \section{ghdfgdfgd}
59 sdfsd\cite{Shuryak2004}
60
61 \bibliographystyle{apstev}
62 %\newpage %just because of unusual number of tables stacked at end
63 \bibliography[F:/library_zhao/library_zhao] Produces the bibliography via BibTeX.
64 %\bibliography{vacuum}
65
66

```

```
\bibliographystyle{apstev}
```

```
\bibliography{F:/library_zhao/library_zhao}
```

- 如果最后投稿的时候，你不希望把你的数据库一起送给编辑的话，你可以把你的tex文件所在的目录下的\*.blj文件(可用记事本打开)的全部内容拷贝下来粘帖到你的tex文件的最后。最后注销掉你的tex文件中的这两行：

```
\bibliographystyle{apsrev}
\bibliography{F:/library_zhao/library_zhao}
```

```
60 |
61 |
62 | %\bibliographystyle{apsrev}
63 | %\bibliography{F:/library_zhao/library_zhao}% Produces the bibliography.
64 |
65 |
66 |
67 | \begin{thebibliography}(2)
68 | \expandafter\ifx\csname
69 | natexlab\endcsname\relax\def\natexlab#1{#1}\fi
70 | \expandafter\ifx\csname bibnamefont\endcsname\relax
71 |   \def\bibnamefont#1{#1}\fi
72 | \expandafter\ifx\csname bibfnamefont\endcsname\relax
73 |   \def\bibfnamefont#1{#1}\fi
74 | \expandafter\ifx\csname citenamefont\endcsname\relax
75 |   \def\citenamefont#1{#1}\fi
76 | \expandafter\ifx\csname url\endcsname\relax
-- |
```

注销掉你的tex文件中的这两行

# 谢谢!

Email: [zhaozhenhua@impcas.ac.cn](mailto:zhaozhenhua@impcas.ac.cn)