

# 管理参考文献

## 文献数据库

文献数据库是扩展名为 `.bib` 的文件，其中包含参考文献信息，例如

```
@Article{bertram,  
  author      = {Bertram, Aaron and  
                Wentworth, Richard},  
  title       = {Gromov invariants for  
                holomorphic maps on Riemann surfaces},  
  journaltitle = jams,  
  date        = 1996,  
  volume      = 9,  
  number      = 2,
```

```
pages          = {529-571},
hyphenation    = {american},
shorttitle     = {Gromov invariants},
annotation     = {An \texttt{article} entry
                  with a \texttt{volume} and a
                  \texttt{number} field},
}
```

```
@Book{aristotle:anima,
      author      = {Aristotle},
      title       = {De Anima},
      date        = 1907,
```

```
editor      = {Hicks, Robert Drew},
publisher   = cup,
location    = {Cambridge},
keywords    = {primary},
hyphenation = {british},
annotation  = {A \texttt{book} entry
               with an \texttt{author} and an
                   \texttt{editor}},
}
```

## BibLaTeX 宏包

```
\usepackage[options]{biblatex}
\addbibresource{bib 文件}
\DeclareBibliographyCategory{cited}
\AtEveryCitekey{\addtocategory{cited}%
  {\thefield{entrykey}}}
```

以上这些内容应写在导言区。

## 常用的选项

```
\usepackage[backend = biber,  
  defernumbers = true,  
  sorting=none,  
  bibencoding=UTF-8,  
  texencoding=UTF-8,  
  style = numeric-comp]{biblatex}
```

```
sorting = nty | nyt | nyvt | anyt | anyvt  
         | ynt | ydnt | none | debug
```

指定参考文献排序方式。若非特别声明，按升序排列。以下为参数的具体含义：

---

名称	参与排序的字段
nty	name, title, year
nyt	name, year, title
nyvt	name, year, volume, title
anyt	alphabetic label, name, year, title
anyvt	alphabetic label, name, year, volume, title.
ynt	year, name, title.
ydnt	year (descending), name, title.
none	引用顺序
debug	bib 文件出现顺序

---



`backend` 选项：指定后端排序软件。可选 `bibtex` 或者 `biber` (推荐)。

`style` 选项：指定引用格式。`biblatex` 预定义很多格式，例如

```
style = numeric | numeric-comp | authoryear  
       | authortitle | ieee | nature | ... ..
```

## 引用参考文献使用

```
\cite[⟨选项⟩]{⟨item1,item2,...,itemn⟩}
```

例如

```
\cite{aristotle:anima,  
aristotle:physics} \\  
\cite{aristotle:anima,  
aristotle:physics,  
aristotle:poetics,angenendt,  
glashow}\\  
\cite[定理 3.2]{aristotle:physics}
```

```
[aristotle:anima,  
aristotle:physics]  
[aristotle:anima,  
aristotle:physics,  
aristotle:poetics,  
angenendt,  
glashow]  
[aristotle:physics]
```

在需要打印参考文献的位置，输入

```
\printbibliography [ category = cited]
```