

# bib File Writing Tutorial

tags: tutorial latex bib

## A. Basic Information

- bib file contains all the references cited by your manuscript, each are in different formats according to their types:

- e.g., Journal:

```
@article{MEVS03,  
author = {Anirban Mahanti and Derek Eager and Mary Vernon and David  
Sundaram-Stukel},  
title = {Scalable On-demand Media Streaming with Packet Loss Recovery},  
journal = {ACM Transactions on Networking},  
volume = {11},  
number = {2},  
pages = {195--209},  
year = {2003}  
}
```

- Where to find the information required for the bib entries

- Find the bibtex entry first

[Scalable on-demand media streaming with packet loss recovery](#)

[A Mahanti, DL Eager, MK Vernon... - IEEE/ACM ..., 2003 - ieeexplore.ieee.org](#)

Previous scalable on-demand streaming protocols do not allow clients to recover from

packet loss. This paper  
client to begin playing  
without jitter as long as  
(3) assume a tunable  
small as a fraction (eg

☆ 97 被引用 97 次

1

[Scalable on-dem](#)

[A Mahanti, DL Eager,](#)

Inspired by recent tech

protocols for reliable o

quantify the best poss

are used to guide the

techniques. The new p

achieve nearly the bes

☆ 93 被引用 93 次

顯示最佳搜尋結果。首

引用

MLA	Mahanti, Anirban, et al. "Scalable on-demand media streaming with packet loss recovery." <i>IEEE/ACM Transactions on Networking</i> 11.2 (2003): 195-209.
APA	Mahanti, A., Eager, D. L., Vernon, M. K., & Sundaram-Stukel, D. J. (2003). Scalable on-demand media streaming with packet loss recovery. <i>IEEE/ACM Transactions on Networking</i> , 11(2), 195-209.
ISO 690	MAHANTI, Anirban, et al. Scalable on-demand media streaming with packet loss recovery. <i>IEEE/ACM Transactions on Networking</i> , 2003, 11.2: 195-209.

2 BibTeX EndNote RefMan RefWorks

[PDF] [ieee.org](#)

[Findit@NTHU](#)

[PDF] [acm.org](#)

[Findit@NTHU](#)

3

```
@article{mahanti2003scalable,  
title={Scalable on-demand media streaming with packet loss recovery},  
author={Mahanti, Anirban and Eager, Derek L and Vernon, Mary K and Sundaram-Stukel, David J},  
journal={IEEE/ACM Transactions on Networking},  
volume={11},  
number={2},  
pages={195--209},  
year={2003},  
publisher={IEEE}  
}
```

- Revise the entry
  - verify the information via Google scholar or the conference page, e.g., missing or wrong information
  - make each entry follow the same rule

## B. Common Rules

1. Key: the **first letter of each author's last name** + **published year** (ex. YFFH17)
  - if there are more than 4 authors: **YFFH+17**
  - key conflicts: YFFH17**a**, YFFH17**b**
2. authors: connected with "**and**"
  - Fan, Ching-Ling **and** Yen, Shou-Cheng **and** Hsu, Cheng-Hsin
  - Ching-Ling Fan **and** Shou-Cheng Yen **and** Cheng-Hsin Hsu
3. Initial-Capitalized in title (when writing in the bib file)
4. pages: 13--23
5. **{}** for special terms, e.g., Internet, 3D, HEVC
6. Use **opt** as prefix to comment out the entry
  - optmonth={April} <- won't show up in the compiled paper

## C. Samples for Each Reference Type

1. Journal
 

```
@article{MEVS03,
author = {Anirban Mahanti and Derek Eager and Mary Vernon and David Sundaram-Stukel},
title = {Scalable On-demand Media Streaming with Packet Loss Recovery},
journal = {ACM Transactions on Networking},
volume = {11},
number = {2},
pages = {195--209},
month = {April},
year = {2003}
}
```

  - no publisher entry, instead, move publisher (e.g., IEEE, ACM) to the head of journal name
  - require volume and number (issue)
2. Conference/workshop papers
 

```
@inproceedings{LLGC11,
author = {Yao Liu and Fei Li and Lei Guo and Songqing Chen},
title = {A Measurement Study of Resource Utilization in {Internet} Mobile Streaming},
booktitle = {Proc. of ACM International Workshop on Network and Operating Systems
```

Support for Digital Audio and Video (**NOSSDAV'11**}),  
pages = {33--38},  
**month** = {June},  
year = {2011},  
**address** = {Vancouver, Canada}  
}

- Proc. of
- no publisher entry, instead, move IEEE or ACM to the head of booktitle
- address:
  - in USA: [CITY], [STATE abbr.] (ex. Los Angeles, CA)
  - otherwise: [CITY], [COUNTRY] (ex. Vancouver, Canada)

### 3. URL

**@online**{cisco\_news,  
author = {{Cisco Inc.}},  
title = {Cisco Visual Networking Index: Forecast and Methodology, 2016-2021},  
**url** = {<https://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni/complete-white-paper-c11-481360.html>  
(<https://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni/complete-white-paper-c11-481360.html>)},  
year = {2017},  
**lastaccessed** = {April 26, 2018}  
}

or

**@misc**{cisco\_news,  
author = {{Cisco Inc.}},  
title = {Cisco Visual Networking Index: Forecast and Methodology, 2016-2021},  
key = {Cisco Visual Networking Index: Forecast and Methodology, 2016-2021},  
year = {2017},  
**note** = {\url{<https://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni/complete-white-paper-c11-481360.html>  
(<https://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni/complete-white-paper-c11-481360.html>)}}  
}

### 4. Book chapter:

**@incollection**{Rezaei09,  
author = {Mehdi Rezaei},  
**booktitle** = {Mobile Multimedia Broadcasting Standards},  
title = {Video Streaming over {DVB-H}},  
**chapter** = {4},  
**publisher** = {Springer US},

```
year = {2009},
pages = {109--131},
month = {November},
editor = {Fa-Long Luo}
}
```

- require chapter, publisher, and editor entry
- if you want to cite the whole book, then no chapter

## 5. Tech Report

```
@techreport{ITUTJ247,
type = {Standard},
key = {ITU-T J.247},
year = {2008},
title = {Objective Perceptual Multimedia Video Quality Measurement in the Presence of
a Full Reference},
institution = {ITU Telecommunication Standardization Sector}
}
```

- standard, supplementary document, or non-published document

## 6. Thesis

```
@mastersthesis{Nordland2016,
author = {Atle Nordland},
title = {Compression of {3D} Media for {Internet} Transmission},
school = {University of Oslo},
year = {2016}
}
```

- mastersthesis, phdthesis