



Managing Literature with Zotero

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- Open Source (no fees)
- browser integration + desktop client (optional)
- automatic extraction of meta data (author, title, journal, etc.)
- saving and managing different types of media (e.g. Pdf, PPT, Word documents)
- full text research
- export into different formats (e.g. Bibtex, BibLaTeX)
- sharing: managing literature sorted into groups
- synchronization: library can be used on different technical devices

1. download site: <http://www.zotero.org/download/>
2. install Zotero for Firefox
3. optional: Zotero Standalone (desktop client)

Zotero for Firefox

Zotero for Firefox lets you capture and organize all your research without ever leaving the browser.



Zotero 4.0 for Firefox

Add a [plugin for Word or LibreOffice](#)



Zotero Standalone

Zotero Standalone runs as a separate application and plugs into your choice of browser.



Zotero 4.0 for Mac

Add one of the following browser extensions:



Firefox

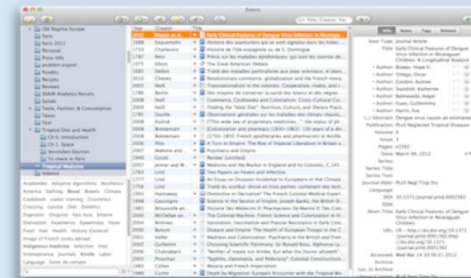


Chrome

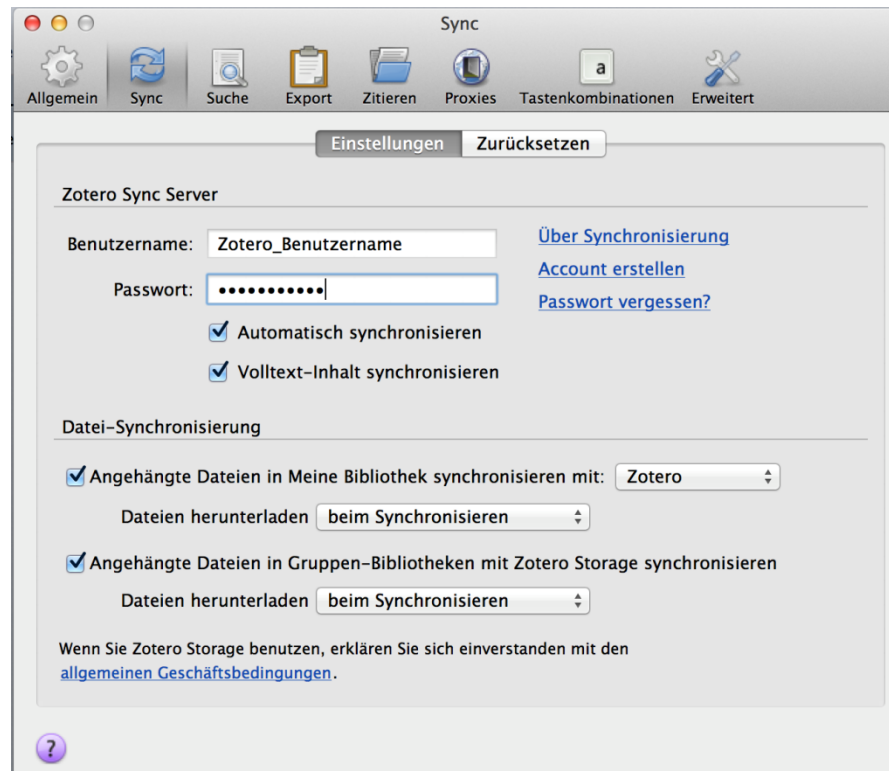


Safari

Plugins for Word and LibreOffice are included

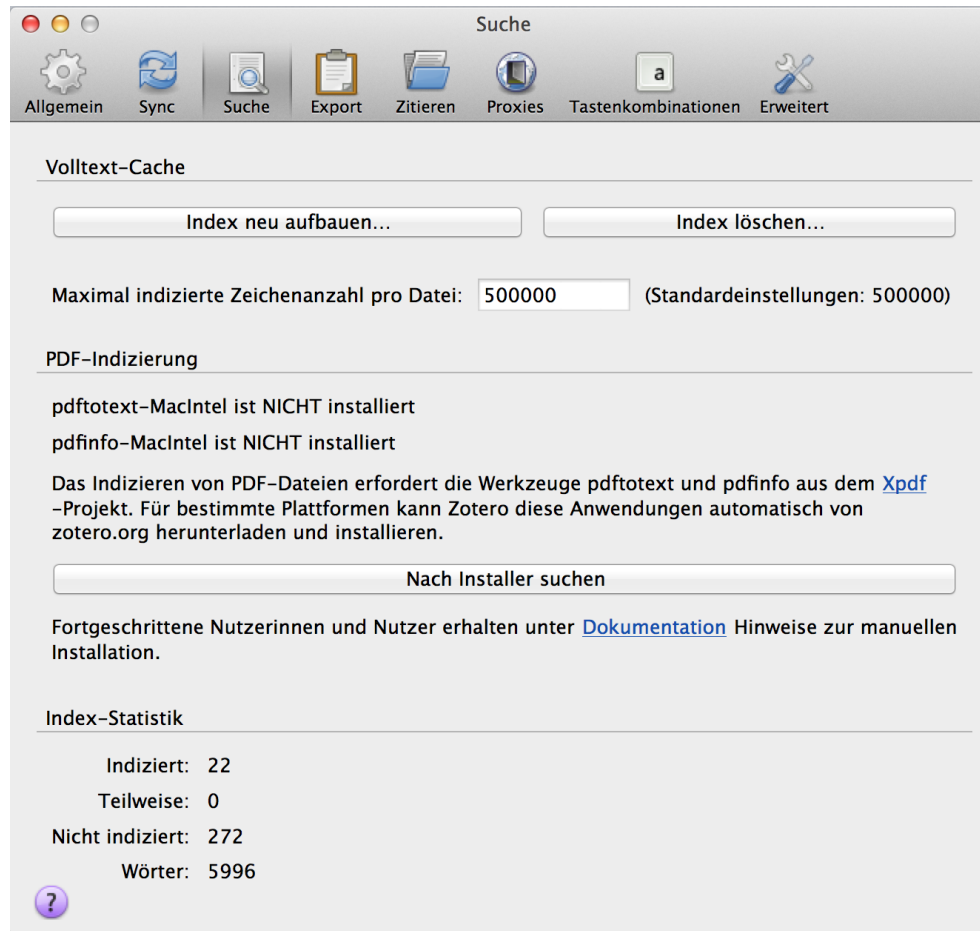


1. Register at: <https://www.zotero.org/user/register/>
2. extras → add-ons → Zotero → settings
3. sync
 - user name
 - password



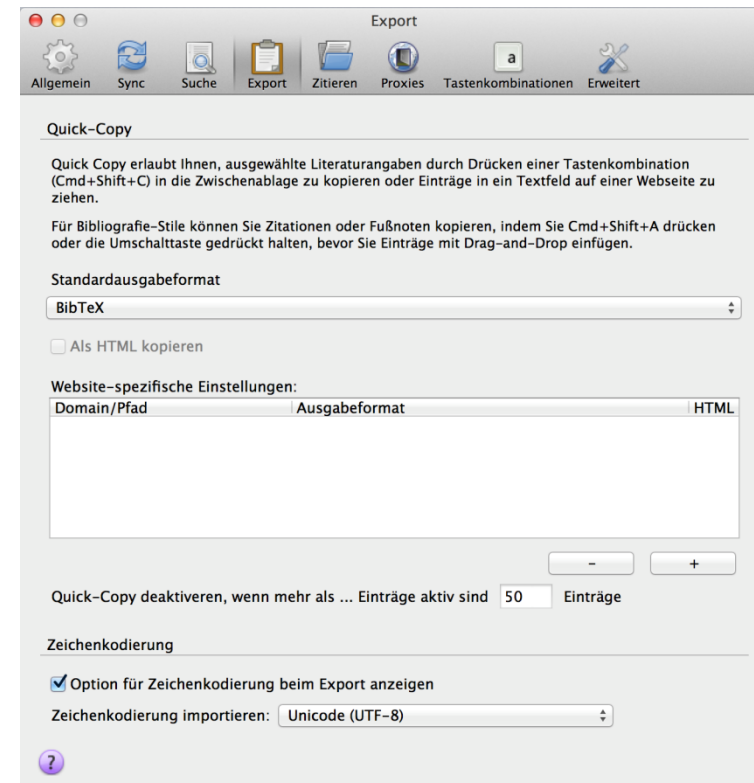
4. search

- Pdf indexing: search for installer → install



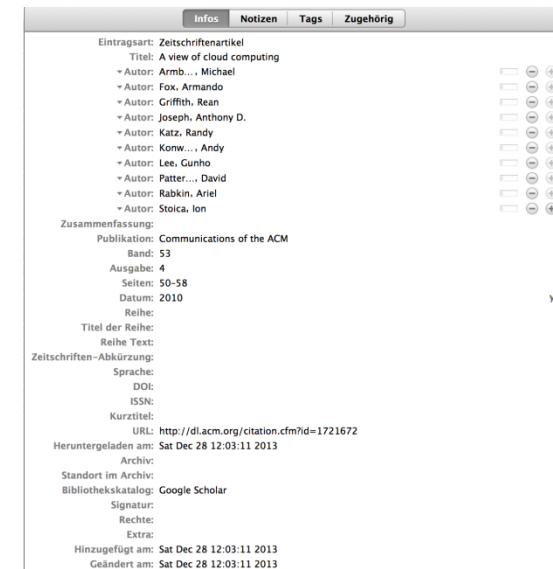
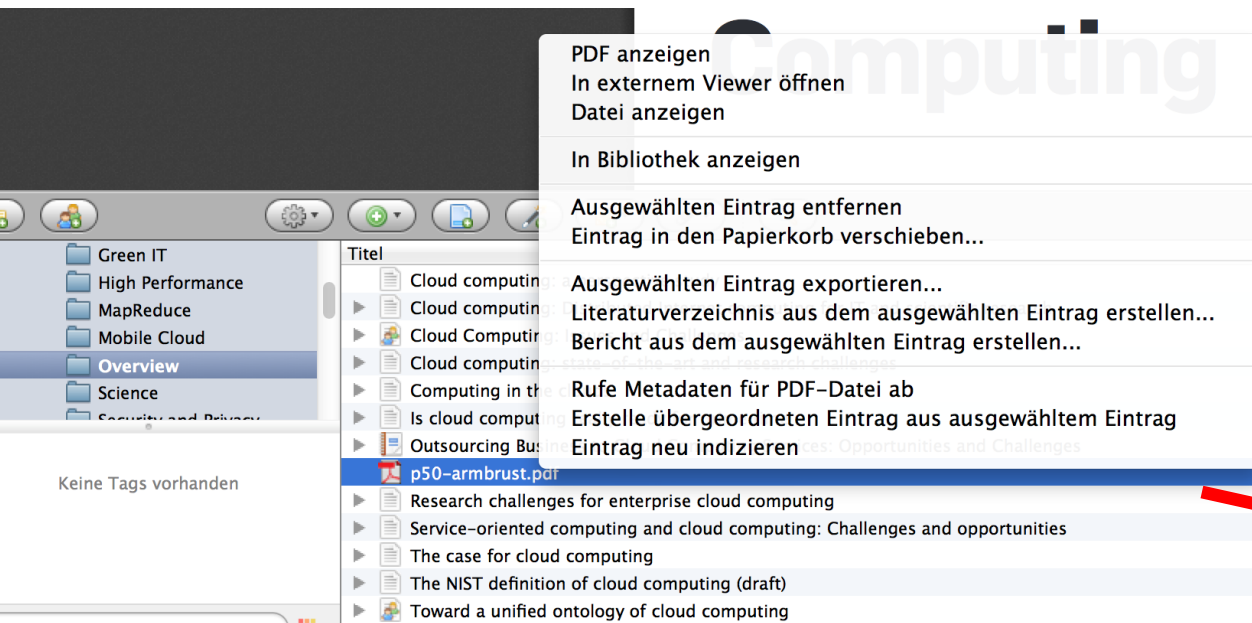
5. export

- standard output format:
choose output format
(e.g. BibTeX)
- character encoding:
 - choose „option for showing character encoding during export“
 - import character encoding:
Unicode (UTF-8)



- Zotero has several possible ways to save documents, e.g.:
 - drag and drop
 - save as Pdf in browser
 - save search results
 - save detailed view

1. drag and drop data file into the Zotero-file (browser or client)
2. right-click on data file → show meta data for Pdf



1. Choose file
2. Save Pdf → save in Zotero → show meta data for Pdf

The screenshot shows a web browser window displaying a PDF document titled "A view of cloud computing" by Michael D. Gunho Lee and Matei Zaharia. The document is from the ACM Digital Library. A red arrow points to the "In Zotero speichern" option in the "Öffnen von p50-armbrust.pdf" dialog box. Below this, the "Metadaten-Abruf abgeschlossen" dialog box shows the metadata for the PDF, including the title "A view of cloud computing" and the author "Hayes, Brian".

Öffnen von p50-armbrust.pdf

Sie möchten folgende Datei öffnen:

p50-armbrust.pdf
Vom Typ: Preview Document (822 KB)
Von: <http://delivery.acm.org>

Wie soll Firefox mit dieser Datei verfahren?

☐ Öffnen mit Preview (Standard)

☐ Datei speichern

☒ In Zotero speichern

☒ Rufe Metadaten für PDF-Datei ab

☐ Für Dateien dieses Typs immer diese Aktion ausführen

Abbrechen OK

Metadaten-Abruf abgeschlossen.

PDF-Name	Eintragsname
p50-armbrust.pdf	A view of cloud computing

Schließen

Ersteller

- Vaquero et al.
- Mei et al.
- Rimal et al.
- Armbrust et al.

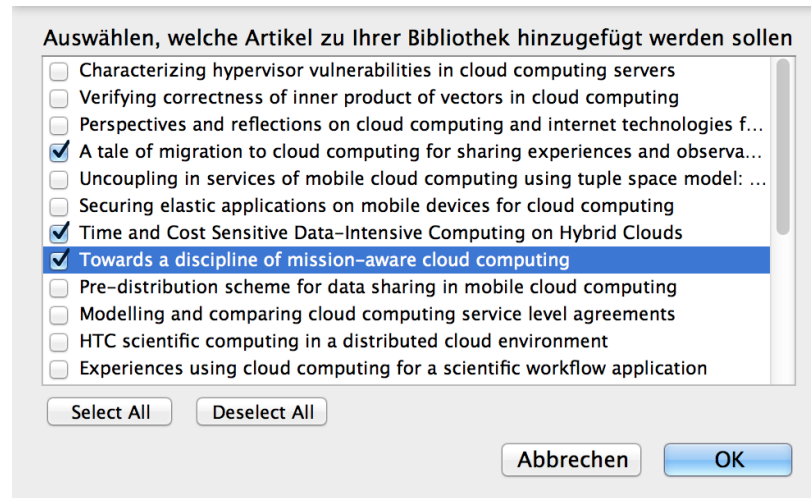
Hayes

- Vouk
- Marston et al.
- Buyya et al.
- Foster et al.
- Isaacson et al.

Infos Notizen Tags Zugehörig

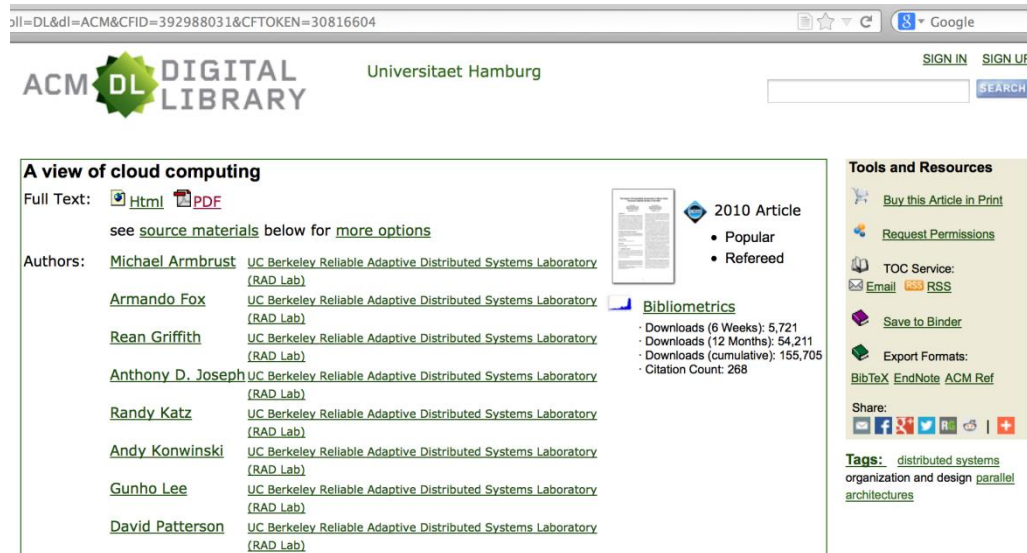
Eintragsart: Zeitschriftenartikel
Titel: Cloud computing
Autor: Hayes, Brian
Zusammenfassung:
Publikation: Communications of the ACM
Band: 51
Ausgabe: 7
Seiten: 9-11
Datum: 2008-07-01
Reihe:
Titel der Reihe:

1. search for literature
2. FF-address menue → save in Zotero...
3. choose search results:



1. OK

1. choose Zotero file
2. choose detailed view

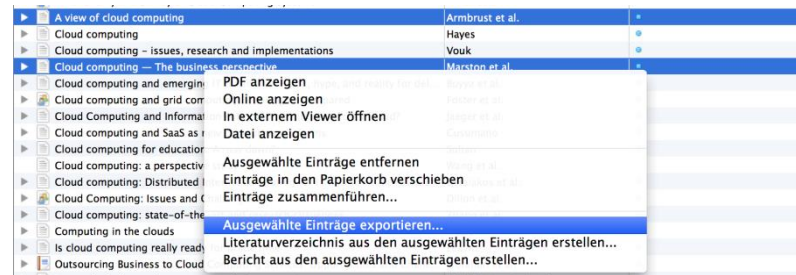


The screenshot shows the ACM Digital Library interface. The browser address bar contains the URL: `dl=DL&dl=ACM&CFID=392988031&CFTOKEN=30816604`. The page title is "A view of cloud computing". The authors listed are Michael Armbrust, Armando Fox, Rean Griffith, Anthony D. Joseph, Randy Katz, Andy Konwinski, Gunho Lee, and David Patterson, all from UC Berkeley Reliable Adaptive Distributed Systems Laboratory (RAD Lab). The article is a 2010 article, popular, and refereed. Bibliometrics show 5,721 downloads in 6 weeks, 54,211 in 12 months, and 155,705 cumulative downloads, with a citation count of 288. Tools and Resources include links to buy the article, request permissions, TOC service, email, RSS, save to binder, and export formats (BibTeX, EndNote, ACM Ref). Tags include distributed systems, organization and design, parallel architectures.

3. FF-address menue → save in Zotero...



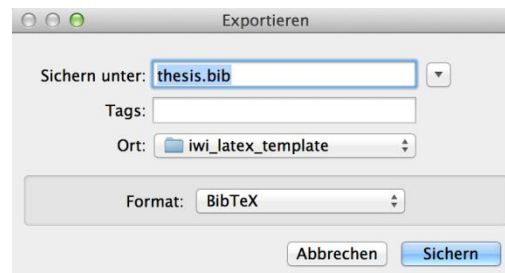
1. export relevant literature as .bib-file



2. format: BibTeX, character encoding: Unicode (UTF-8)



3. save as: thesis.bib, file: file path of the LaTeX-file



```
@article{Armbrust.20101,  
  author = {Armbrust, Michael and Stoica, Ion and Zaharia, Matei and Fo  
  year = {2010},  
  title = {A view of cloud computing},  
  pages = {50-58},  
  volume = {53},  
  number = {4},  
  issn = {00010782},  
  journal = {Communications of the ACM},  
  doi = {10.1145/1721654.1721672}  
}
```

4. citations in the Tex-Editor: `\cite[page number]{ID source}`, e.g.
`\cite[S.~52]{Armbrust.20101}`
5. creating a bibliography: `\bibliography{thesis}`
(already implemented in the IWI-templates)

- available plugins (e.g. Word – also for Mac):
http://www.zotero.org/support/word_processor_plugin_installation
- Word features i.a.:
 - quotation of literature
 - creation of bibliography
 - choice of different formats (e.g. Vancouver, IEEE, APA)

open/close Zotero panel	Cmd+Shift+ Z
full screen mode on/off	Cmd+Shift+ F
save in Zotero (address bar symbol)	Cmd+Shift+ S
create new entry	Cmd+Shift+ N
create new note	Cmd+Shift+ O
import from clipboard	Cmd+Shift+ V
focus on library column	Cmd+Shift+ L
quick search	Cmd+Shift+ K
copy selected citations to clipboard	Cmd+Shift+ A
copy selected entries to clipboard	Cmd+Shift+ C
tag selector on/off	Cmd+Shift+ T