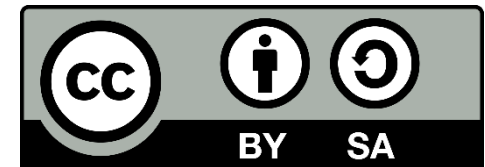


Werkzeugunterstützung für systematische Literaturrecherche

Ein JabRef-Tutorium

Oliver Kopp
JabRef Maintainer



Disclaimer: Die Sichten in diesem Vortrag entsprechen nicht notwendigerweise denen meines Arbeitgebers
(Universität Stuttgart) und des JabRef-Teams

Agenda

- Geschichte und Überblick zu JabRef
- Import von Einträgen
- Gruppieren von Einträgen
- Import von anderen Formaten
- Export von anderen Formaten
- Qualitätssicherung von Einträgen
- Integration von PDFs wird gezeigt
- Zusammenfassung und Ausblick

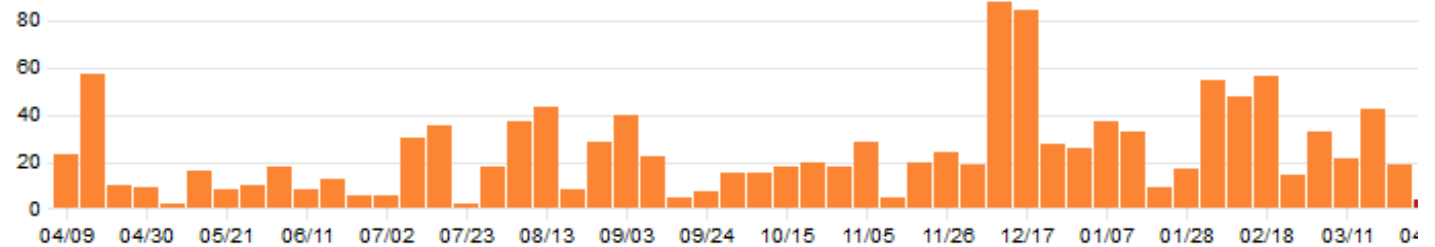
Geschichte zu JabRef

- Anfangen 2003: Morten Alver und Nizar Batada
- Habe am Projekt 2011 aktiv teilgenommen
- 2014 kamen die “Bamberger” an Bord

- Refactoring
- Git, GitHub, TravisCI

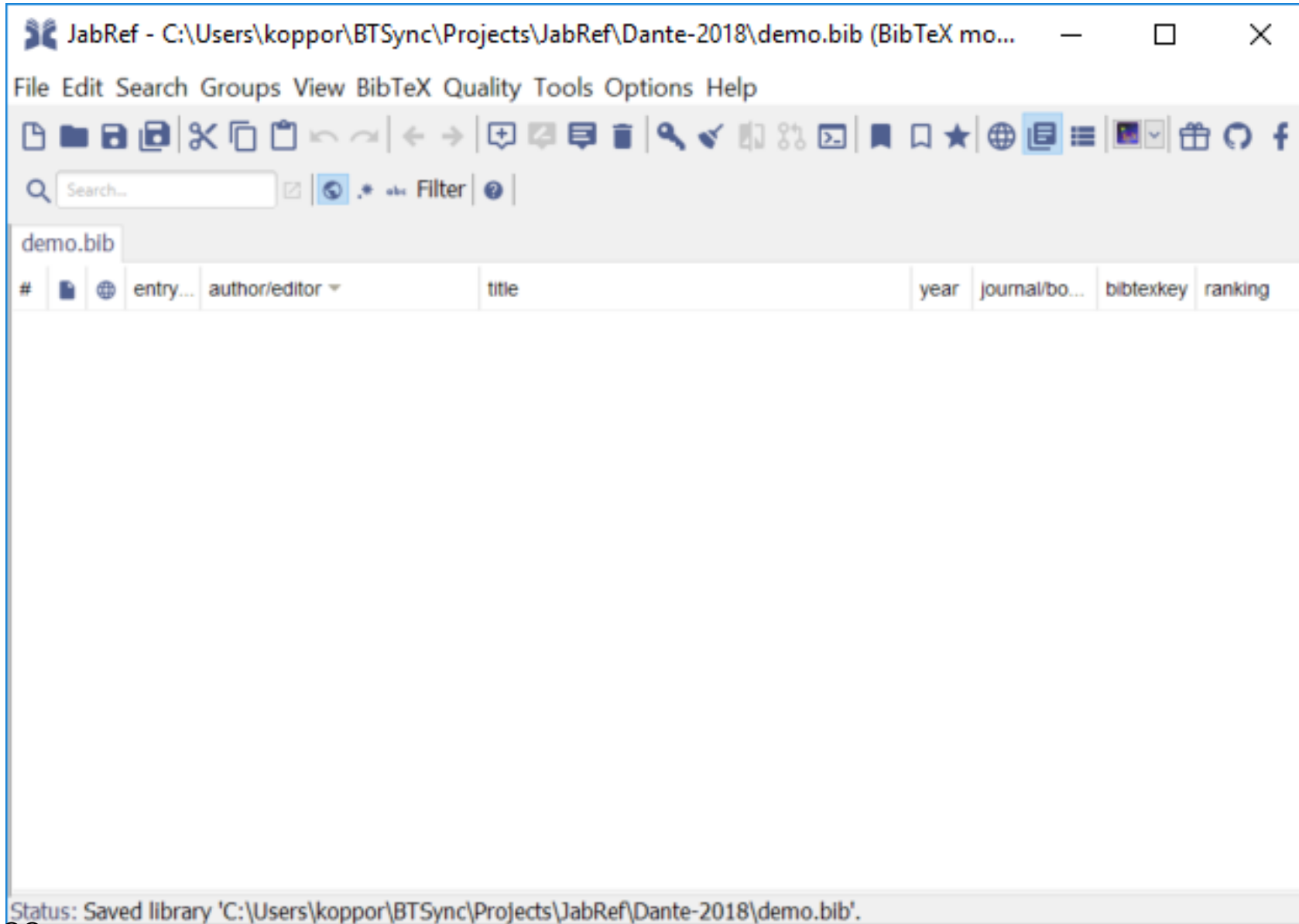
■ Stand heute

- 860 GitHub Stars | ~12000 Commits | 36 Releases | 140 Contributors
- 7 Hauptentwickler
- JabRef in der Lehre:
 - JUnit-Tests
 - Software-Projekt für 10 Leute, 450 Stunden/Person

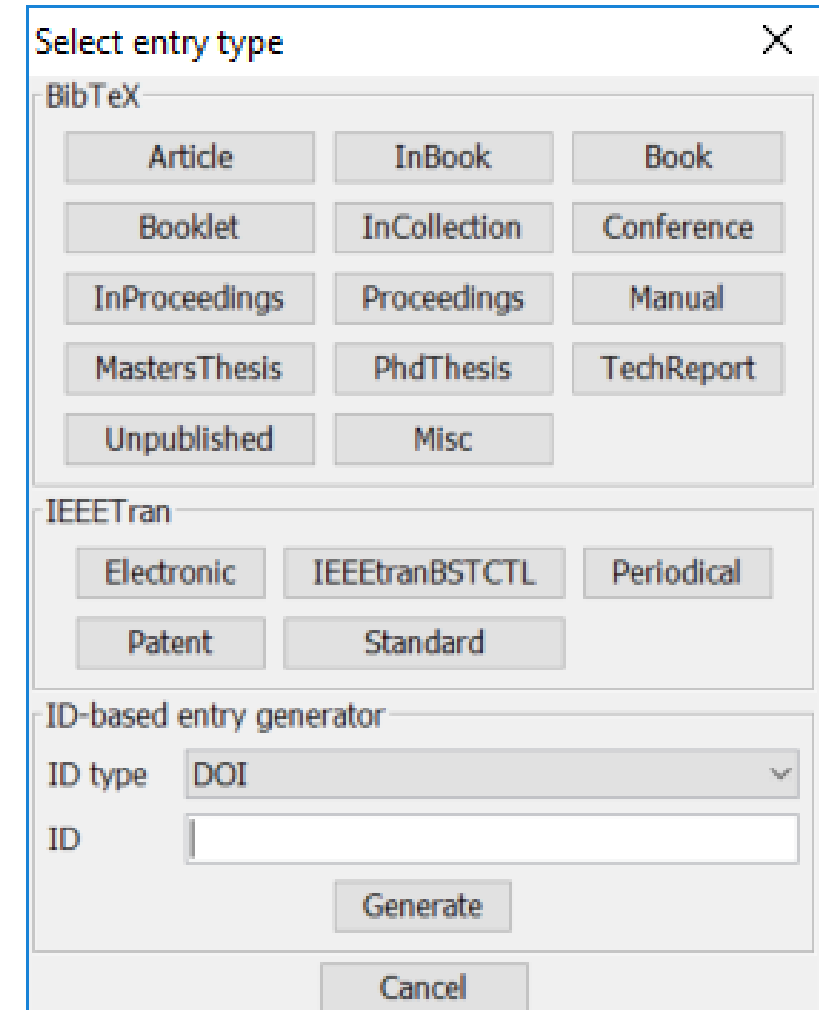
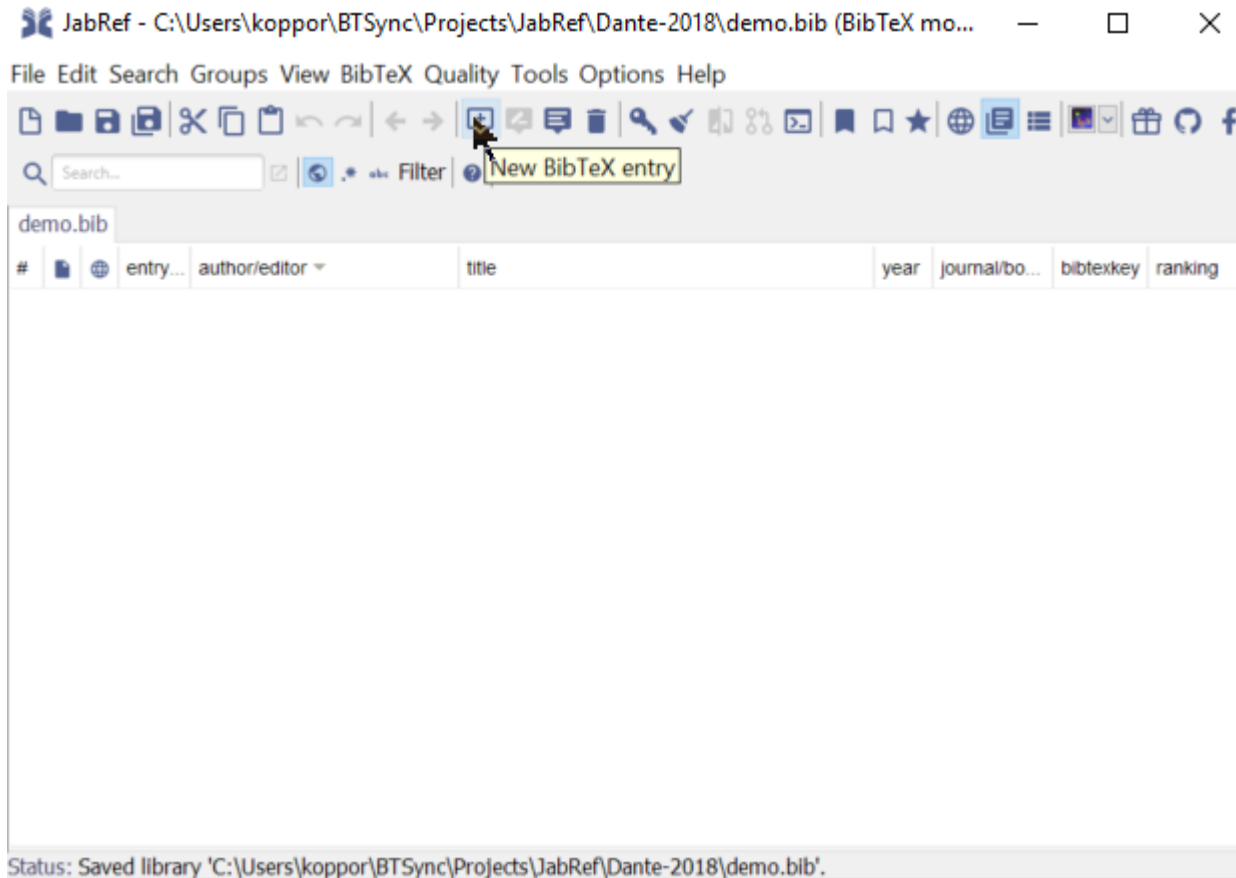


BibTeX als internes Datenformat

Start von JabRef



Import von Einträgen



Entryeditor

✕

■ Required fields

▢ Optional fields

▢ Deprecated fields

▢ General

▢ BibSonomy

▢ Extra

Related articles

{ BibTeX source

Article

Author

Title

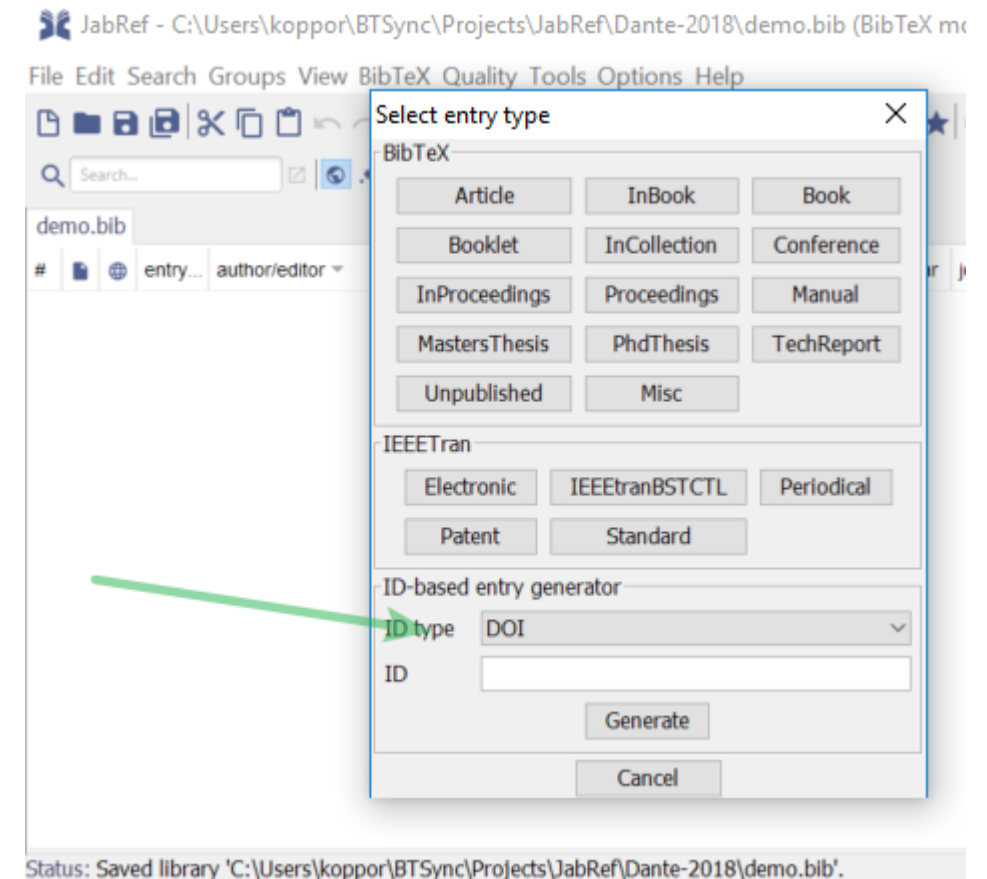
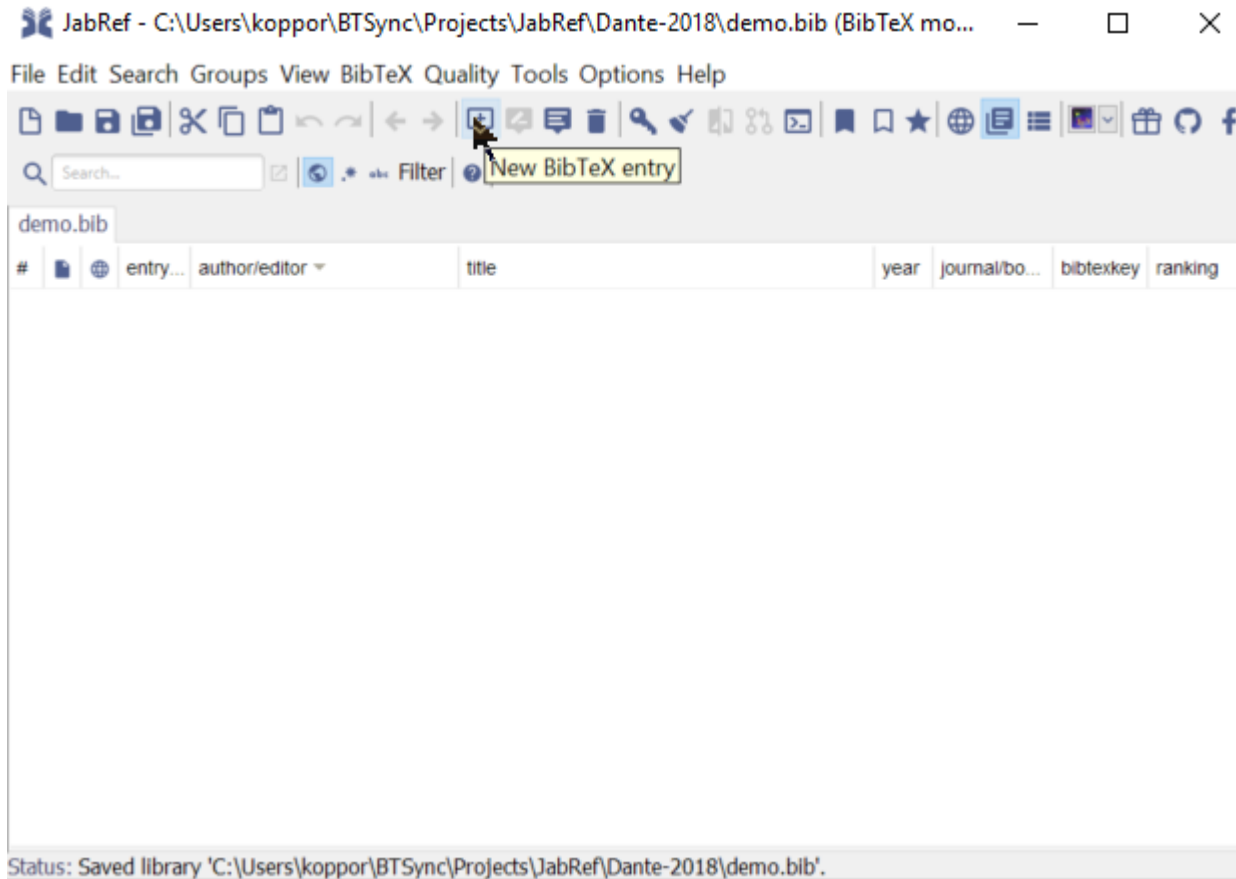
Journal

Year

Bibtexkey

Status:

Import von Einträgen



Suchen von Einträgen

Außerhalb von JabRef:

- Google Scholar
- The Collection of Computer Science Bibliographies
<https://linwww.ira.uka.de/bibliography/index.html>
- u.v.m.

The Collection of Computer Science Bibliographies

About	FAQ	Search	Browse	Contribute	Statistics
-----------------------	---------------------	------------------------	------------------------	----------------------------	----------------------------

Query:

[Lucene syntax](#) (au., ti., yr.) , [Advanced search](#), [Contribute](#), [Comments](#)

About the Collection

This is a collection of bibliographies of scientific literature in computer science from various sources, covering most aspects of computer science. The bibliographies are updated weekly from their original locations such that you'll always find the most recent versions here.

The collection currently contains more than **7 millions** of references (mostly to journal articles, conference papers and technical reports), clustered in about 1500 bibliographies, and consists of more than 2.3 GBytes (530MB gzipped) of [BibTeX](#) entries. More than 600 000 references contain crossreferences to citing or cited publications.

More than 1 million of references contain URLs to an online version of the paper. Abstracts are available for more than 800 000 entries. There are more than 2000 links to other sites carrying bibliographic information.

For more information on the contents of this collection have a look at the [bibliographic statistics](#).

- [Introduction](#)
- [Search the bibliography collection](#)
- [Browse the bibliography collection](#)
- [How to add bibliographies or references to the bibliography collection](#)
- [Manipulating BibTeX bibliographies](#)
- [Mirror sites](#)
- [Frequently asked questions](#) about this bibliography collection.
- [Abbreviations](#)
- [What's new?](#)

Search for publications in the bibliography collection

Since the bibliographies are not just referenced by links, but actually mirrored and present as a local copy, they are searchable.

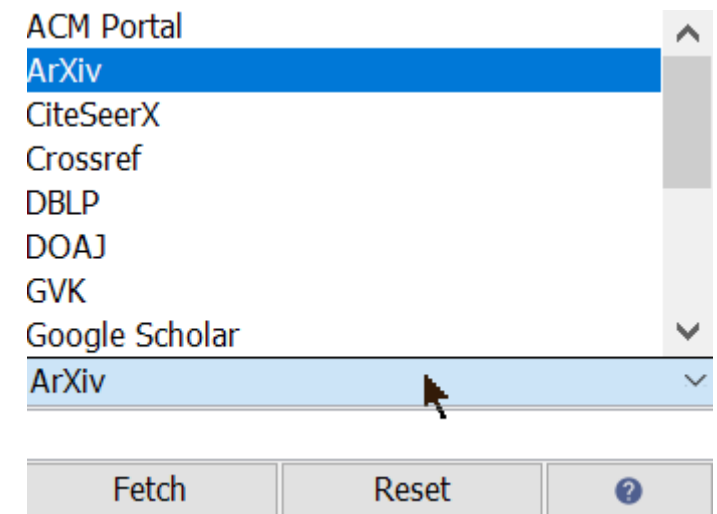
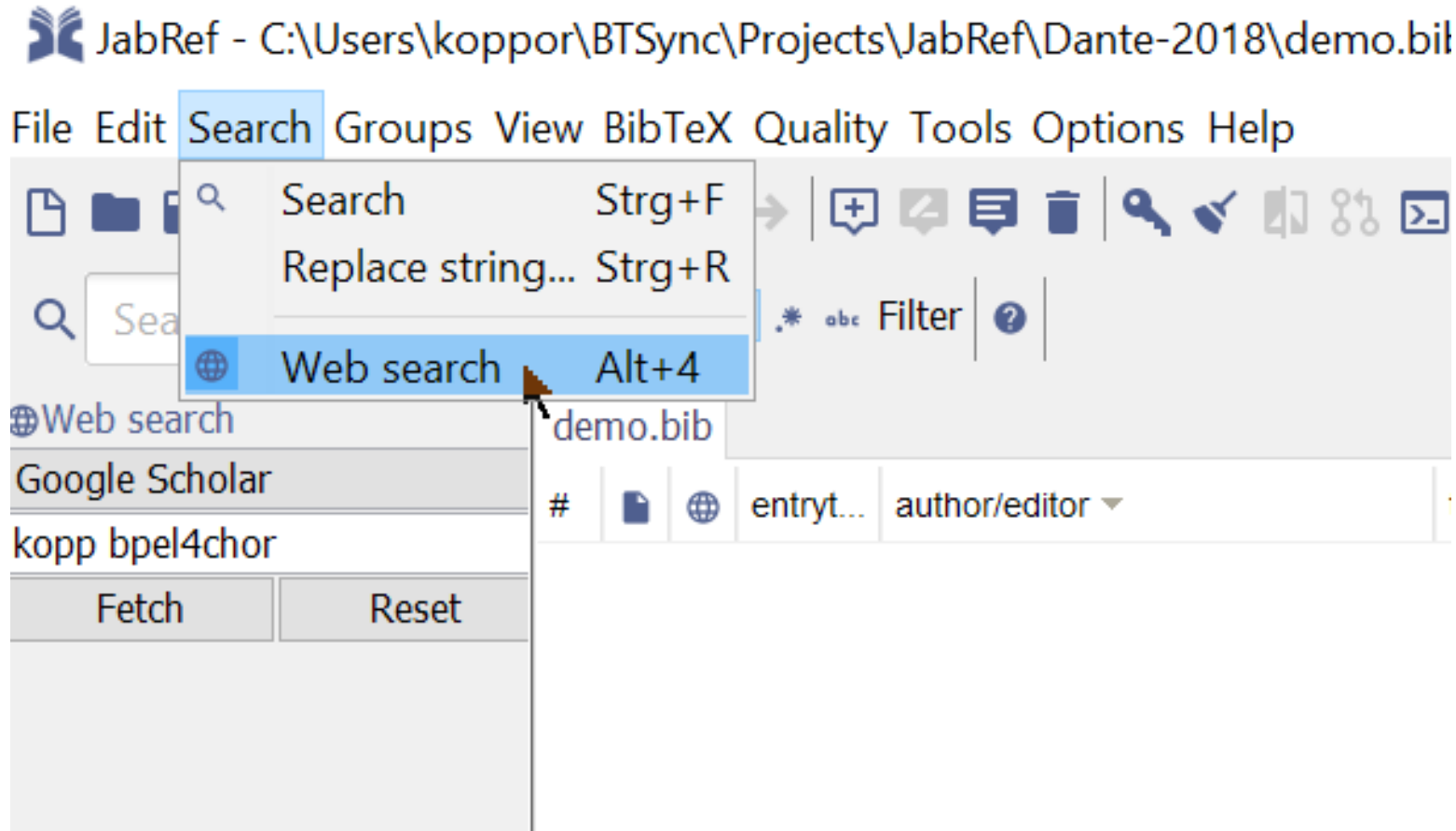
Query: in field;

Publication **year**: in: , since: , before: (four digit years)


Options: , , sort by online papers only ☐


You may use [Lucene syntax](#), available fields are: `ti` (title), `au` (author), `yr` (publications year). In short: the default operator is **'OR'**, use **'&'** and **'&'** operators to specify **'&'** required and **'&'** forbidden words. Wildcards: **'?'** – single letter, and **'*'** – part of the word (at the end of a word), **'~'** – specified at the end of a word makes approximate match (allows typos, but takes many seconds to process)

Integrierte Web Suche – Öffnen und Suchen



Integrierte Web Suche – Ergebnisse aussuchen





Select all

Deselect all

Deselect all duplicates

Delete

☐ Generate keys

Generate now


Keep	Author ^	Title	Year	Bibtexkey
<input type="checkbox"/>	Decker et al.	An introduction to service choreographie...	2008	decker2...
<input type="checkbox"/>	Decker et al.	Modeling service choreographies using B...	2008	decker2...
<input type="checkbox"/>	Decker et al.	BPEL4Chor: Extending BPEL for modelin...	2007	decker2...
<input type="checkbox"/>	Decker et al.	Interacting services: From specification t...	2009	decker2...
<input type="checkbox"/>	Decker et al.	BPEL4Chor: Extending BPEL for Modelin...	2007	decker2...
<input type="checkbox"/>	Decker et al.	Service referrals in BPEL-based choreogr...	2007	decker2...
<input checked="" type="checkbox"/>	Kopp et al.	Interaction choreography models in BPEL...	2010	kopp201...
<input type="checkbox"/>	Kopp et al.	Extending choreography spheres to impr...	2010	kopp201...
<input type="checkbox"/>	Kopp and Leymann	Choreography Design Using WS-BPEL.	2008	kopp200...
<input type="checkbox"/>	Kopp et al.	Modeling Choreographies: BPMN 2.0 ver...	2011	kopp201...
<input type="checkbox"/>	Kopp et al.	Mapping interconnection choreography ...	2010	kopp201...
<input type="checkbox"/>	Kopp et al.	The need for a choreography-aware servi...	2008	kopp200...
<input type="checkbox"/>	Kopp et al.	Towards choreography transactions.	2009	kopp200...
<input type="checkbox"/>	Lohmann et al.	Analyzing BPEL4Chor: Verification and p...	2007	lohmann...
<input type="checkbox"/>	Pfitzner et al.	Web service choreography configurations...	2007	pfitzner2...

InProceedings (kopp2010interaction)
Kopp, O.; Engler, L.; Van Lessen, T.; Leymann, F. & Nitzsche, J.
Interaction choreography models in BPEL: Choreographies on the enterprise service bus
International Conference on Subject-Oriented Business Process Management, **2010**, 36-53

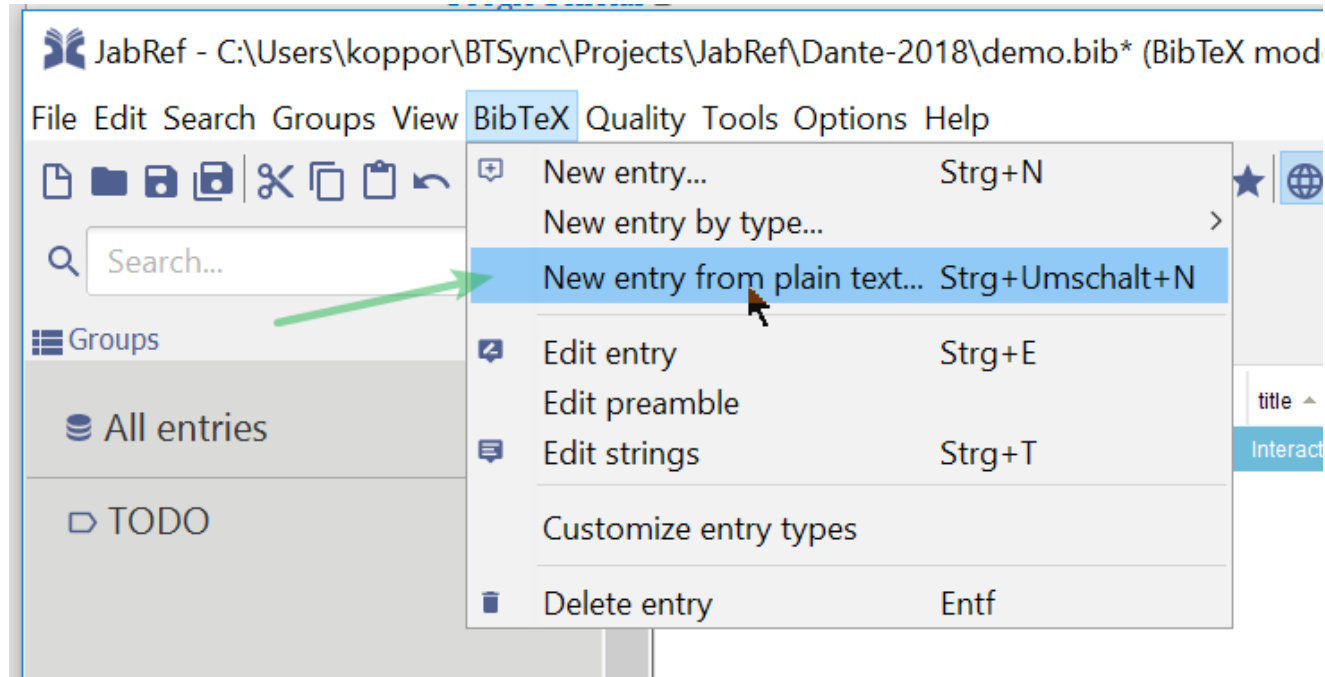
OK

Stop

Cancel



Importieren von Zitationen: Start des Prozesses



Importieren von Zitationen: Manuell oder Cloud?

Plain text import for article

Raw sourceBibTeX source

Beel, J., Langer, S., Genzmehr, M., Nürnberger, A.: Introducing Docear's research paper recommender system. In: Proceedings of the 13th ACM/IEEE-CS Joint Conference on Digital Libraries - JCDL 2013, p. 459 (2013)

Work options

Available BibTeX fields

☐ author

☐ title

☐ journal

☐ year

☐ volume

☐ number

☐ pages

☐ month

☒ Append

☐ Override

Insert

Plain text import

This is a simple copy and paste dialog. First load or paste some text into the text input area. After that, you can mark text and assign it to a BibTeX field.

Accept

Parse with FreeCite

Cancel


Ergebnis

```
@InProceedings{Beel2013,  
  author      = {J Beel and S Langer and M Genzmehr and Nürnberger},  
  title       = {A.: Introducing Docear's research paper recommender  
system},  
  booktitle   = {In: Proceedings of the 13th ACM/IEEE-CS Joint Conference on  
Digital Libraries - JCDL 2013},  
  year        = {2013},  
  pages       = {459},  
}
```

Händische Korrektur

```
@InProceedings{Beel2013,  
  author      = {J Beel and S Langer and M Genzmehr and Nürnberger},  
  title       = {Introducing Docear's research paper recommender system},  
  booktitle   = {Proceedings of the 13th ACM/IEEE-CS Joint Conference on  
Digital Libraries},  
  year        = {2013},  
}
```

DOI nachschlagen und Korrekturen

 Merge entry with DOI information ✕

Field

Original entry

Use
Left None Right

Entry from DOI

Show diff - character

▼

Entry type	inproceedings		inproceedings
Author	J Beel and S Langer and M Genzmehr and Nürnberger	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	Joeran Beel and Stefan Langer and Marcel Genzmehr and Andreas Nürnberger
Bibtexkey	Beel2013	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	Beel_2013
Booktitle	Proceedings of the 13th ACM/IEEE-CS Joint Conference on Digital Libraries	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	Proceedings of the 13th ACM / IEEE - CS Joint C onference on Digital L ibraries - JCDL \textquotesingle 13
Doi	10.1145/2467696.2467786		10.1145/2467696.2467786
Publisher		<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	ACM Press
Title	Introducing Docear's research paper recommender system	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	Introducing Docear- \textquotesingle s research paper recommender system
Year	2013		2013

Merged entry

Merged BibTeX source code

InProceedings (Beel2013)
Beel, J.; Langer, S.; Genzmehr, M. & Nürnberger, A.
Introducing Docear's research paper recommender system
Proceedings of the 13th ACM/IEEE-CS Joint Conference on Digital Libraries, ACM Press, 2013

```
@InProceedings{Beel2013,  
  author = {Joeran Beel and Stefan Langer and Marcel Genzmehr and Andreas Nürnberger},  
  title = {Introducing Docear's research paper recommender system},  
  booktitle = {Proceedings of the 13th ACM/IEEE-CS Joint Conference on Digital Libraries},  
  year = {2013},  
  publisher = {{ACM} Press},  
  doi = {10.1145/2467696.2467786},  
}
```

Replace original entry

Cancel

Automatisches Aufräumen

Empfohlen für BibTeX

Cleanup entries

What would you like to clean up?

- ☒ Move DOIs from note and URL field to DOI field and remove http prefix
- ☐ Upgrade external PDF/PS links to use the 'file' field.
- ☐ Move linked files to default file directory C:\Users\koppo\BTsync\Projects\JabRef\Dante-2018
- ☒ Make paths of linked files relative (if possible)
- ☒ Rename PDFs to given filename format pattern
Filename format pattern: [bibtexkey] - [title]
☐ Rename only PDFs having a relative path
- ☐ Convert to BibTeX format (for example, move the value of the 'journaltitle' field to 'journal')
- ☐ Convert to biblatex format (for example, move the value of the 'journal' field to 'journaltitle')
- ☒ Reformat ISSN

☒ Run field formatter:

pages: Normalize page numbers

date: Normalize date

month: Normalize month

all-text-fields: Replace Unicode ligatures

title: HTML to LaTeX

title: Unicode to LaTeX

booktitle: Unicode to LaTeX

journal: Unicode to LaTeX

Reset Recommended for BibTeX Remove selected

abstract HTML to LaTeX Add

Description: Converts HTML code to LaTeX code.

OK Cancel

Title	Introducing Docear's research paper recommender system
Booktitle	Proceedings of the 13 th ACM/IEEE-CS Joint Conference on Digital Libraries

Importieren von Einträgen

Öffnen

← → ↕ ↑ > koppor > BTSync > Projects > JabRef > Dante-2018 "Dante-2018" durchsuchen 🔍

Organisieren ▾ Neuer Ordner

Schnellzugriff	Name	Änderungsdatum	Typ	Größe
Dante-2018	brucker-authorarchive-2016.ris	04.04.2018 13:31	Research Information...	
Desktop	demo.bib	04.04.2018 13:24	BibTeX	
Downloads				
Dokumente				
Bilder				
BTSync				
Workshopbar				
ownCloud				
Proceedings				
meinlappland				
Google Drive				

JabRef - untitled* (BibTeX mode)

File Edit Search Groups View BibTeX Quality Tools Options Help

Freigeben

Search...

Filter

Groups

All entries 1

demo.bib* untitled*

entry... author/editor title

1 InProce... Brucker A Simple Example of the authorar

Dateiname: ▾

Available import formats (*.bib;*.bibx;*.xml;*.txt;*.xml;*.txt;*.isi;*.txt;*.xml;*.xml;*.nbib;*.xml;*.nbib;*.txt;*.txt;*.pdf;*.txt;*.ris;*.ref;*.enw;*.dat;*.txt;*.pdf;*.txt;*.xml)

Available import formats (*.bib;*.bibx;*.xml;*.txt;*.xml;*.txt;*.isi;*.txt;*.xml;*.xml;*.nbib;*.xml;*.nbib;*.txt;*.txt;*.pdf;*.txt;*.ris;*.ref;*.enw;*.dat;*.txt;*.pdf;*.txt;*.xml)

BibTeX Library (*.bib)

BibTeXXML file (*.bibx, *.xml)

Biblioscope file (*.txt)

Copac file (*.txt)

EndNote XML file (*.xml)

INSPEC file (*.txt)

ISI file (*.isi, *.txt)

MODS file (*.xml)

MS Office 2007 bib file (*.xml)

Medline file (*.nbib, *.xml)

MedlinePlain file (*.nbib, *.txt)

Ovid file (*.txt)

PDF content file (*.pdf)

REPEC New Economic Papers (NEP) (*.txt)

RIS file (*.ris)

EndNote/Refer file (*.ref, *.enw)

SilverPlatter file (*.dat, *.txt)

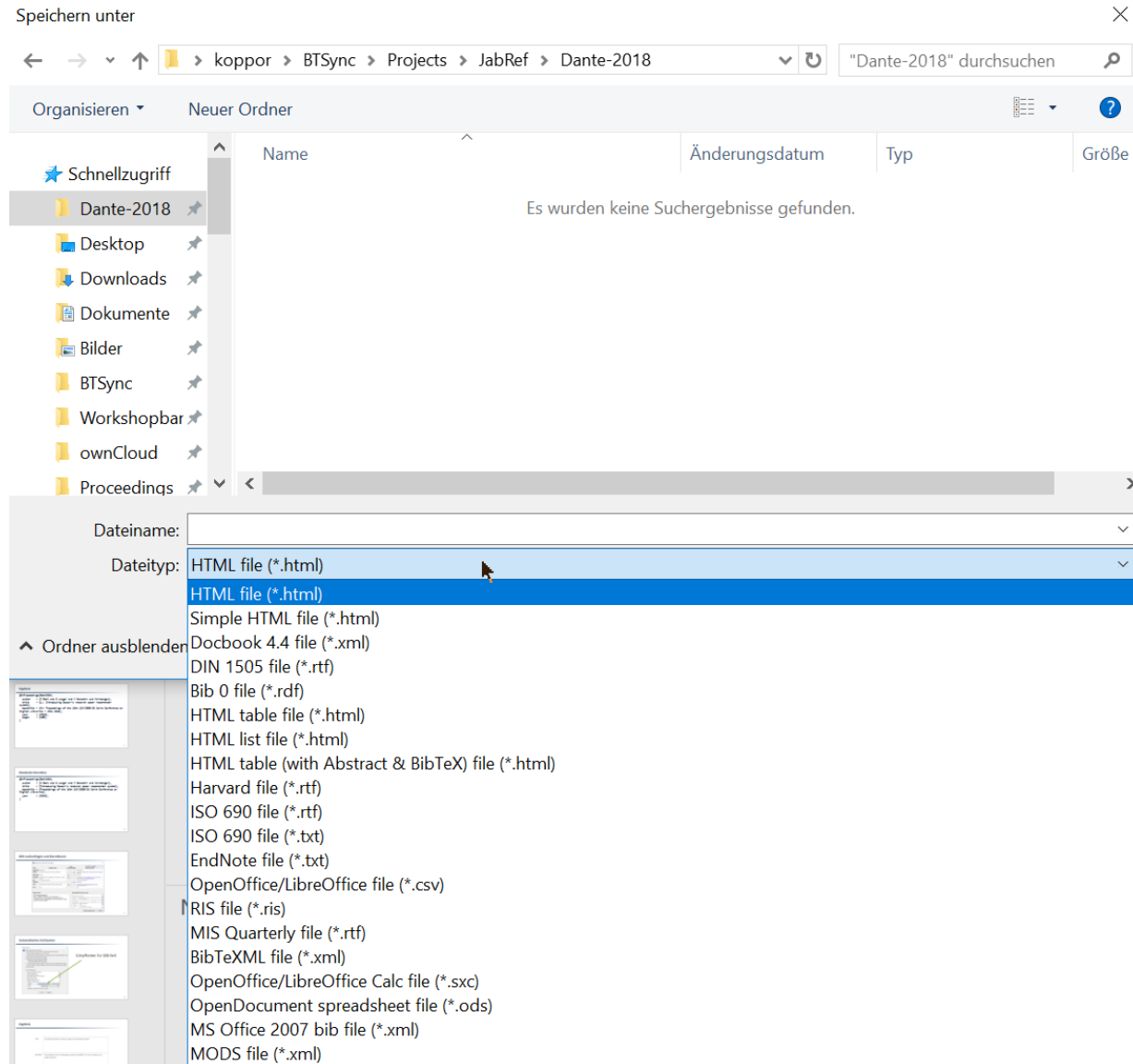
XMP-annotated PDF (*.pdf)

FreeCite file (*.txt, *.xml)

Any file (*.*)

Notizen durch Tippen hinzufügen

Exportieren von Einträgen



Neues Format für den Export definieren

- Siehe <http://help.jabref.org/en/CustomExports>

- Neue Sprache

- z.B.

`\begingroup{keywords}New Category:`

`\format[HTMLChars]{\keywords} \endgroup{keywords}`

Qualität: DOI bestimmen

JabRef - C:\Users\koppor\BTSync\Projects\JabRef\Dante-2018\demo.bib* (BibTeX mode)

File Edit Search Groups View BibTeX Quality Tools Options Help

Search...

Web search

demo.bib*

Google Scholar

kopp bpel4chor

Fetch Reset

#	entry...	author/editor	title	year	journal/book...	bibtexkey	ranking
1	inProc...	Kopp et al	interaction choreography models in BPEL: Choreograp...	2010	International ...	kopp2010...	

Required fields Optional fields Deprecated fields Other fields General BibSonomy Ex

Crossref

File

DOI

URL

Citeseerurl

Comment

Owner

Timestamp

Look up DOI

Number of entries successfully imported: 1

Qualität: Eintrag mit DOI-Daten abgleichen

proceedings

DOI

10.1007/978-3-642-23135-3_3

Get BibTeX data from DOI

Merge entry with DOI information

Show diff - character

Field	Original entry	Use	Entry from DOI
		Left None Right	
Entry type	inproceedings	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	incollection
Author	Kopp, Oliver and Engler, Lasse and Van Lessen, Tammo and Leymann, Frank and Nitzsche, J{\o}rg	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	Kopp, Oliver Kopp and Lasse Engler, Lasse and V ammo van Lessen, Tammond Frankk Leymann, Frank and Jörg Nitzsche, J{\o}rg
Bibtexkey	kopp2010interaction	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	kKopp_2010interaction1
Booktitle	International Conference on Subject-Oriented Business Process Management	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	International Conference on Subject-Oriented Business Process Management
Doi	10.1007/978-3-642-23135-3_3	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	10.1007/978-3-642-23135-3_3
Organization	Springer	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	
Pages	36--53	<input type="radio"/> <input type="radio"/> <input type="radio"/>	36--53
Publisher		<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	Springer Berlin Heidelberg
Title	Interaction choreography models in BPEL: Choreographies on the enterprise service bus	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	Interaction cChoreography mModels in [BPEL]: Choreographies on the eEnterprise sService sBus
Year	2010	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	20101

Merged entry

InProceedings (kopp2010interaction)
Kopp, O.; Engler, L.; Van Lessen, T.; Leymann, F. & Nitzsche, J.
Interaction choreography models in BPEL: Choreographies on the enterprise service bus
International Conference on Subject-Oriented Business Process Management, Springer Berlin Heidelberg, 2010, 36-53

Merged BibTeX source code

@InProceedings{kopp2010interaction
,
author = {Kopp, Oliver and Engler, Lasse and Van Lessen, Tammo and Leymann, Frank and Nitzsche, J{\o}rg},
title = {Interaction choreography models in BPEL: Choreographies on the enterprise service bus},
booktitle = {International Conference on Subject-Oriented Business Process Management},

Replace original entry Cancel

Feature für Geisteswissenschaftler: Verwandte Arbeiten finden

JabRef - C:\Users\koppor\BTSync\Projects\JabRef\Dante-2018\demo.bib (BibTeX mode)

File Edit Search Groups View BibTeX Quality Tools Options Help

Search... Filter

Web search
Google Scholar
koppor bpel4chor
Fetch Reset

demo.bib

#	entry...	author/editor	title	year	journal/book...	bibtexkey	ranking
1	InProc...	Kopp et al.	Interaction Choreography Models in BPEL: Choreogra...	2011	International ...	kopp2010...	

Optional fields Deprecated fields Other fields General BibSonomy Extra Related articles

- [Making Dance, Making Sense: epistemology and choreography](#). D Risner. *Research in Dance Education*. 2000
- [Dance-making online: teaching choreography in virtual space](#). AK Davis. *Kinesiology Abstracts*. 2006
- [TR service delivery and TR outcome models](#). G E Van Andel, C P Coyle, V B Parker, R W Carmack. *Therapeutic Recreation Journal*. 1998
- [Transport for passengers: a study in enterprise without licence](#). John Hibbs. *Institute of Economic Affairs*. 1971
- [Dynamics of Generalised Spatial Interaction Models](#). Peter Nijkamp, Jacques Poot. *Regional Science and Urban Economics*. 1987
- [Structure and mechanisms of interaction between business and the government \(on the basis of Nizhny Novgorod region\)](#). Adrian Mihailovich Bekarev, Sergey Yurievich Bychkov. *Modern Research of Social Problems*. 2012

Gruppierung von Einträgen

Add group

General

Name

TODO

Description

Color

Icon

☐ 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

☐ Automatically create groups

☐ Group containing entries cited in a given TeX file

Hierarchical context

☒ Independent group: When selected, view only this group's entries

☐ Refine supergroup: When selected, view entries contained in both this group and its superg...

☐ Include subgroups: When selected, view entries contained in this group or its subgroups

Options

Field

keywords

Keyword

TODO

☐ Case sensitive

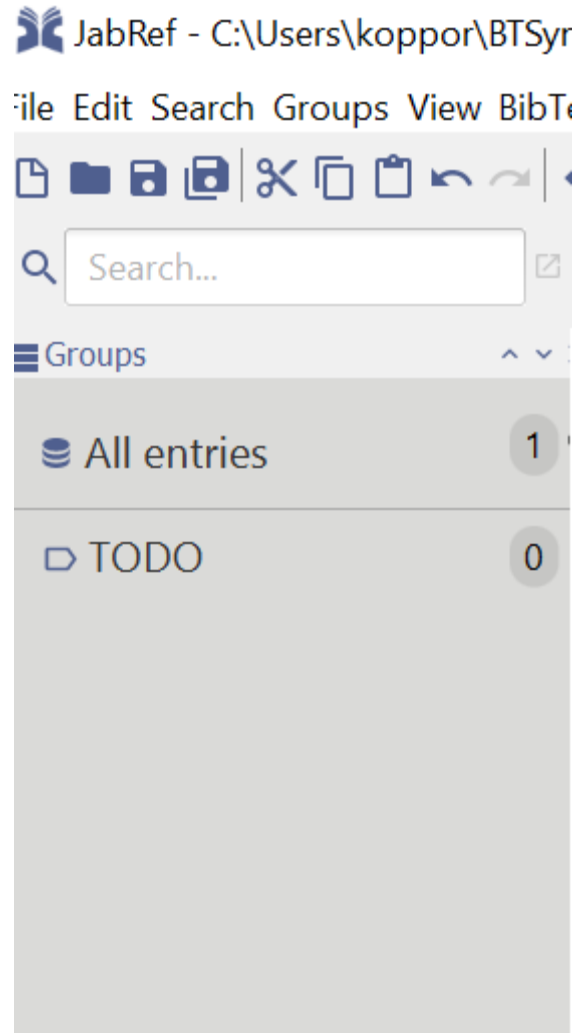
☐ regular expression

Description

This group contains entries whose **keywords** field contains the keyword **TODO** (case insensitive). Additionally, entries whose **keywords** field does not contain **TODO** can be assigned manually to this group by selecting them then using either drag and drop or the context menu. This process adds the term **TODO** to each entry's **keywords** field. Entries can be removed manually from this group by selecting them then using the context menu. This process removes the term **TODO** from each entry's **keywords** field.

OK

Cancel



Ergebnis bei Verwendung des Keywords „TODO“

JabRef - C:\Users\koppor\BTSync\Projects\JabRef\Dante-2018\demo.bib* (BibTeX mode)

File Edit Search Groups View BibTeX Quality Tools Options Help

Search...

Groups

- All entries 1
- TODO 1

demo.bib*

#	entryty...	author/editor	title	y...	journal/book...	bibtexkey	ranking
1	InProce...	Kopp et al.	Interaction Choreography Models in BPEL: Choreogra...	2011	International ...	kopp2010i...	

×

Required fields Optional fields Deprecated fields Other fields General Abs

InProceedings

Crossref

Keywords TODO

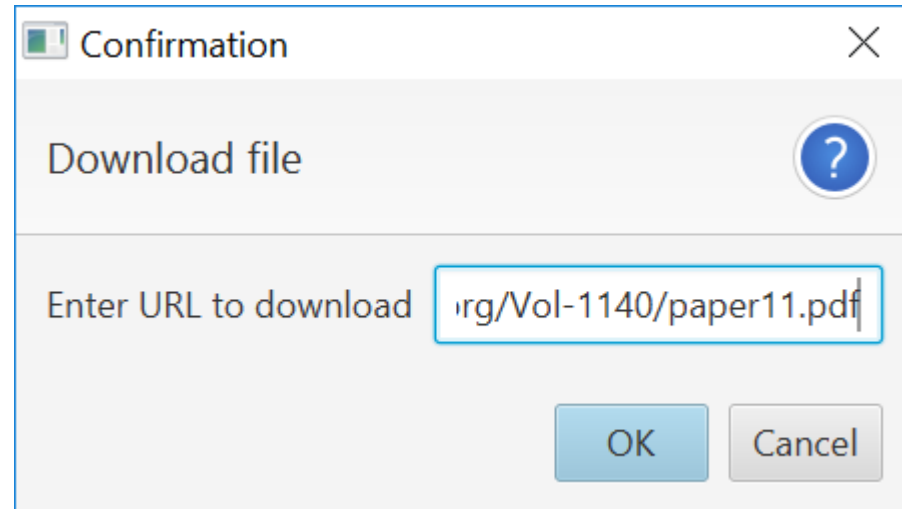
File

+ 🔍 ⬇

PDF suchen

File	<div></div> <div>+</div> <div>🔍</div> <div>⬇</div>
DOI	<div></div> <div>🔍</div> <div>🔗</div>
URL	<div>http://ceur-ws.org/Vol-1140/paper11.pdf</div> <div>🔗</div>

Wenn URL bekannt...



PDF anhängen: Drag and drop auf Eintragstabelle

jects\JabKet\Dante-2018\demo.bib^ (BibTeX mode)


uality Tools Options Help

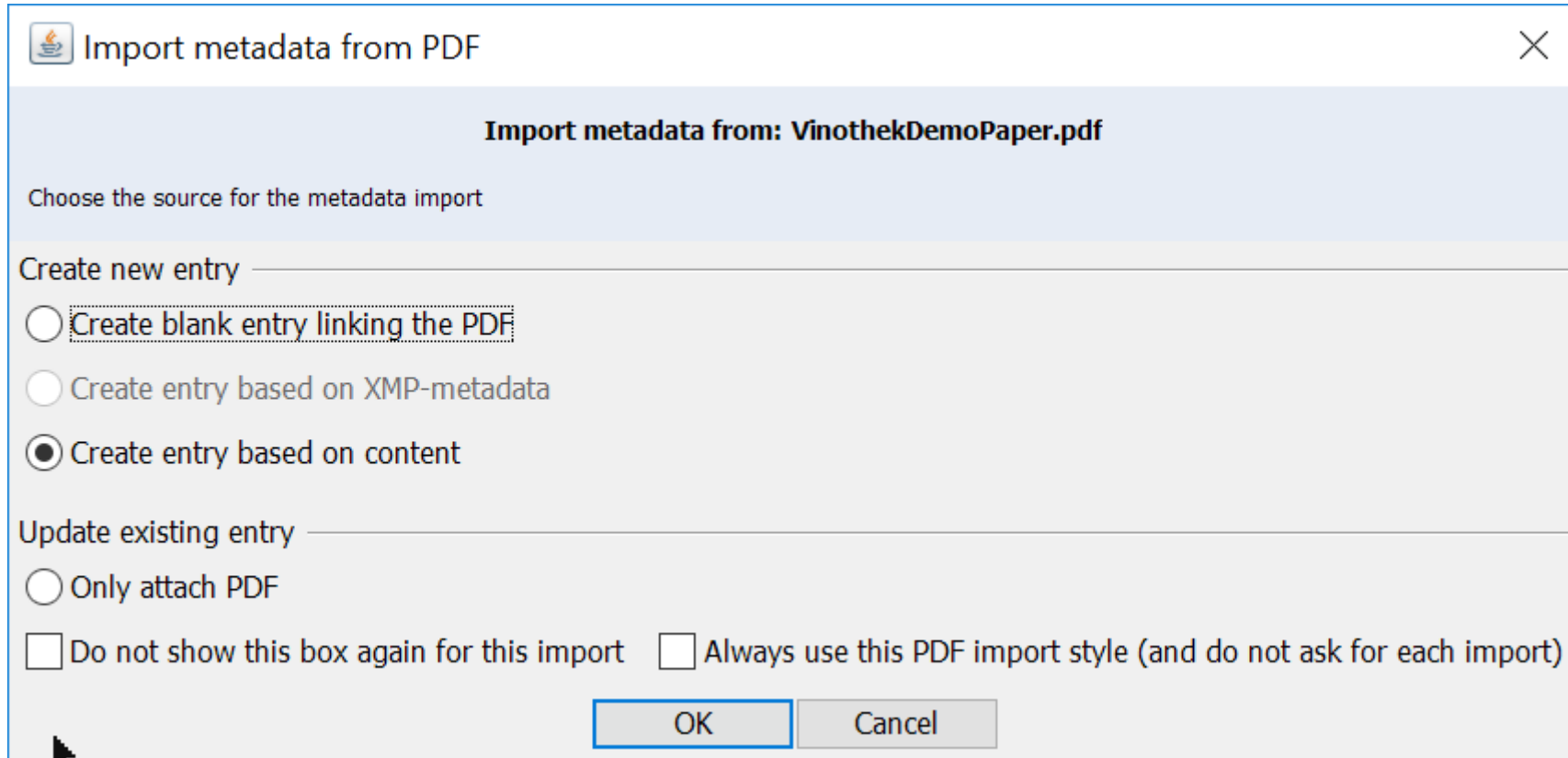
Filter ?


demo.bib*

#	entryty...	author/editor	title	y...	journal/book...	bibtexkey	ranking
1	InProce...	Breitenbücher et al.	Vinothek - A Self-Service Portal for TOSCA	2014	Proceedings ...	Breitenbu...	
2	InProce...	Beel et al.	Introducing Doc...	2013	Proceedings ...	Beel2013	
3	InProce...	Kopp et al.	Interaction Choreography in BPEL	2011	International ...	kopp2010i...	

Required fields Optional fields Deprecated fields Other fields General Abs





 Import metadata from PDF ✕

Import metadata from: VinothekDemoPaper.pdf

Choose the source for the metadata import

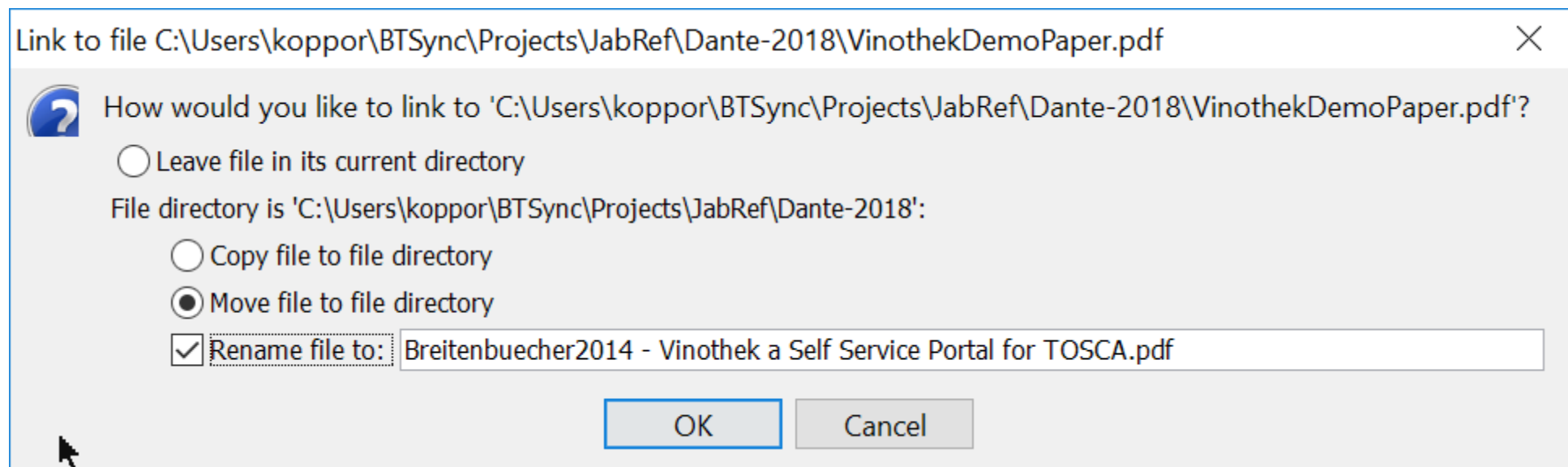
Create new entry

- ☐ Create blank entry linking the PDF
- ☐ Create entry based on XMP-metadata
- ☒ Create entry based on content

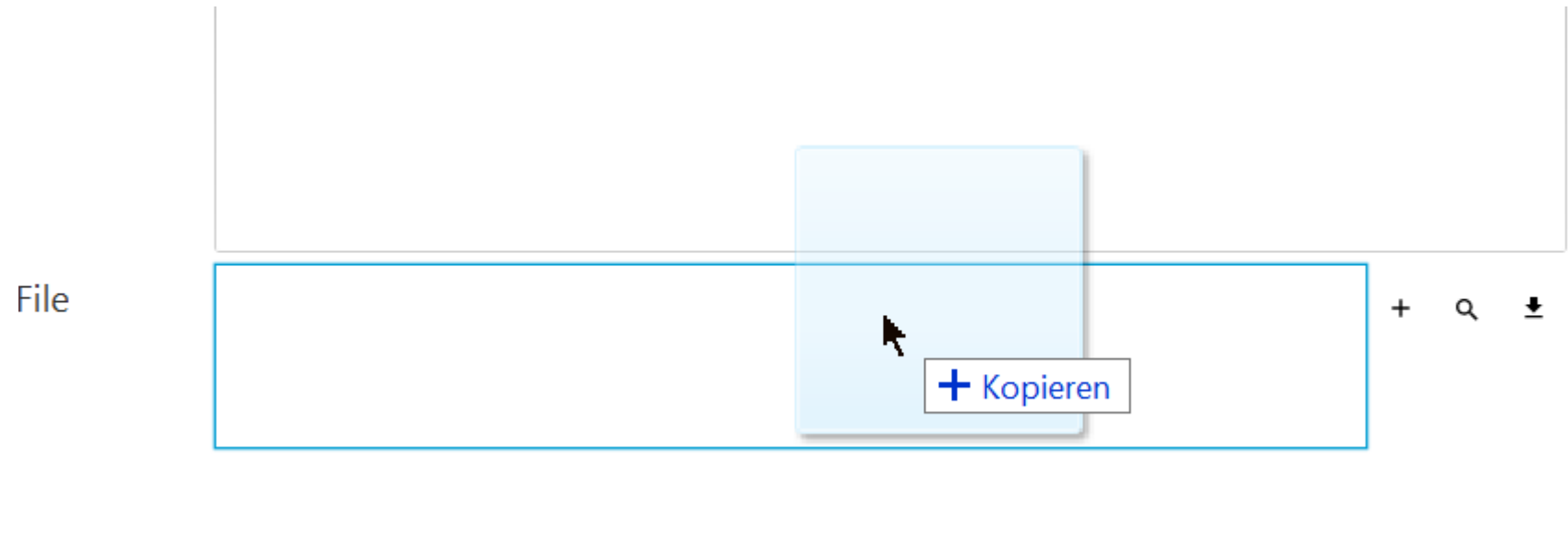
Update existing entry

- ☐ Only attach PDF
- ☐ Do not show this box again for this import ☐ Always use this PDF import style (and do not ask for each import)

OK Cancel



Neuer Weg: Weniger Dialoge, mehr Konventionen



Cleanup

File

VinothekDemoPaper.pdf

Cleanup entries



What would you like to clean up?

- ☒ Move DOIs from note and URL field to DOI field and remove http prefix
- ☐ Upgrade external PDF/PS links to use the 'file' field.
- ☐ Move linked files to default file directory C:\Users\kopper\BTSync\Projects\JabRef\Dante-2018
- ☒ Make paths of linked files relative (if possible)
- ☒ **Rename PDFs to given filename format pattern**
 - Filename format pattern: [bibtexkey] - [title]
 - ☐ Rename only PDFs having a relative path
- ☐ Convert to BibTeX format (for example, move the value of the 'journaltitle' field to 'journal')
- ☐ Convert to biblatex format (for example, move the value of the 'journal' field to 'journaltitle')
- ☒ Reformat ISSN

☒ Run field formatter:

date: Normalize date
editor: Unicode to LaTeX
pages: Normalize page numbers
journal: Unicode to LaTeX
month: Normalize month
author: Unicode to LaTeX
all-text-fields: Identity
all-text-fields: Identity

Reset

Recommended for BibTeX

Remove selected

abstract

HTML to LaTeX

Add

Description: Converts HTML code to LaTeX code.

OK

Cancel

Work in Progress: Import vom Browser

- JabFox: <https://addons.mozilla.org/en-US/firefox/addon/jabfox>
- Demo via: <http://builds.jabref.org/nativeMessaging/>

Hilfe zu JabRef

- <http://help.jabref.org/>
- <https://manuals.jabref.org/>
 - Deutsches Benutzerhandbuch (Dominik Waßenhoven)
- <http://discourse.jabref.org/>
- <https://github.com/JabRef/jabref/issues>
- Bitte folgende Seite besuchen: <https://contribute.jabref.org>

Ausblick: JabRef 5.0

JabRef

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Cleanup entries

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entrytype	author/editor	title	year	journ...	b...	★
Misc	ABB et al.	IEC 61850 INTEROPERABILITY BETWEEN ABB, ALSTOM...	2002		A...	
InProceedings	Alam et al.	Cost optimization via rescheduling in smart grids &#x...	2013	2013 I...	A...	
InProceedings	Ali et al.	Pursuit Algorithm for optimized load scheduling	2012	Power...	A...	
InProceedings	Ali et al.	Load scheduling with maximum demand and time of ...	2013	Globa...	A...	
InProceedings	Altmann et al.	Investigation of the use of embedded Web Services in...	2012	IECO...	A...	
InProceedings	Aman et al.	Improving Energy Use Forecast for Campus Micro-grid...	2011	Data ...	A...	
Article	Aman et al.	Holistic Measures for Evaluating Prediction Models in ...	2015	Knowl...	A...	
Article	Amjady et al.	Short-Term Load Forecast of Microgrids by a New Bile...	2010	Smart...	A...	
InCollection	Angelis et al.	Optimal Task and Energy Scheduling in Dynamic Resid...	2012	Advan...	A...	
InProceedings	Ardito et al.	Smart Grid Technologies in Europe: An Overview	2013		A...	
InProceedings	Ashfaq et al.	Optimization of economic dispatch problem integrate...	2014	2014 I...	A...	
InProceedings	Atabay et al.	Self-Adapting Building Models and Optimized HVAC S...	2013	22nd I...	A...	
InProceedings	Bashash and Fathy	Optimizing demand response of plug-in hybrid electri...	2013	2013 ...	B...	
Article	Bassamzadeh et al.	Robust scheduling of smart appliances with uncertain ...	2014	Enger...	B...	
InProceedings	Beaude et al.	Charging games in networks of electrical vehicles	2012	Netw...	b...	
InCollection	Behrens et al.	Towards a Taxonomy of Constraints in Demand-Side-...	2017	Busin...	B...	
Article	Bera et al.	Cloud Computing Applications for Smart Grid: A Survey	2015	IEEE T...	B...	
Misc	BMW	Energiekonzept für eine umweltschonende, zuverlässi...	2010		B...	
Misc	BMW	Zweiter Monitoring-Bericht Energie der Zukunft	2014		B...	
Article	Bozchalui et al.	Optimal Operation of Residential Energy Hubs in Smar...	2012	Smart...	B...	
InProceedings	Bu and Nygard	Adaptive scheduling of smart home appliances using f...	2014	The Si...	B...	
InProceedings	Busemann et al.	Enabling the Usage of Sensor Networks with Service-o...	2012	Proce...	B...	
Article	Busemann et al.	Integrating Sensor Networks for Energy Monitoring wi...	2013	Intern...	B...	

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Filter groups

Vergleich mit anderen

<https://ultimate-comparisons.github.io/ultimate-reference-management-software-comparison/>

Ultimate-Comparison Ultimate comparison of reference management software

This is a comparison of reference management software.

Open Source (match one)

Select ...

Document types (match all)

Select number ranges ...

Cooperative use (match one)

Select ...

Creation of literature lists (match all)

Select ...

Database search (match all)

Select ...

Processing and evaluation of full texts (match one)

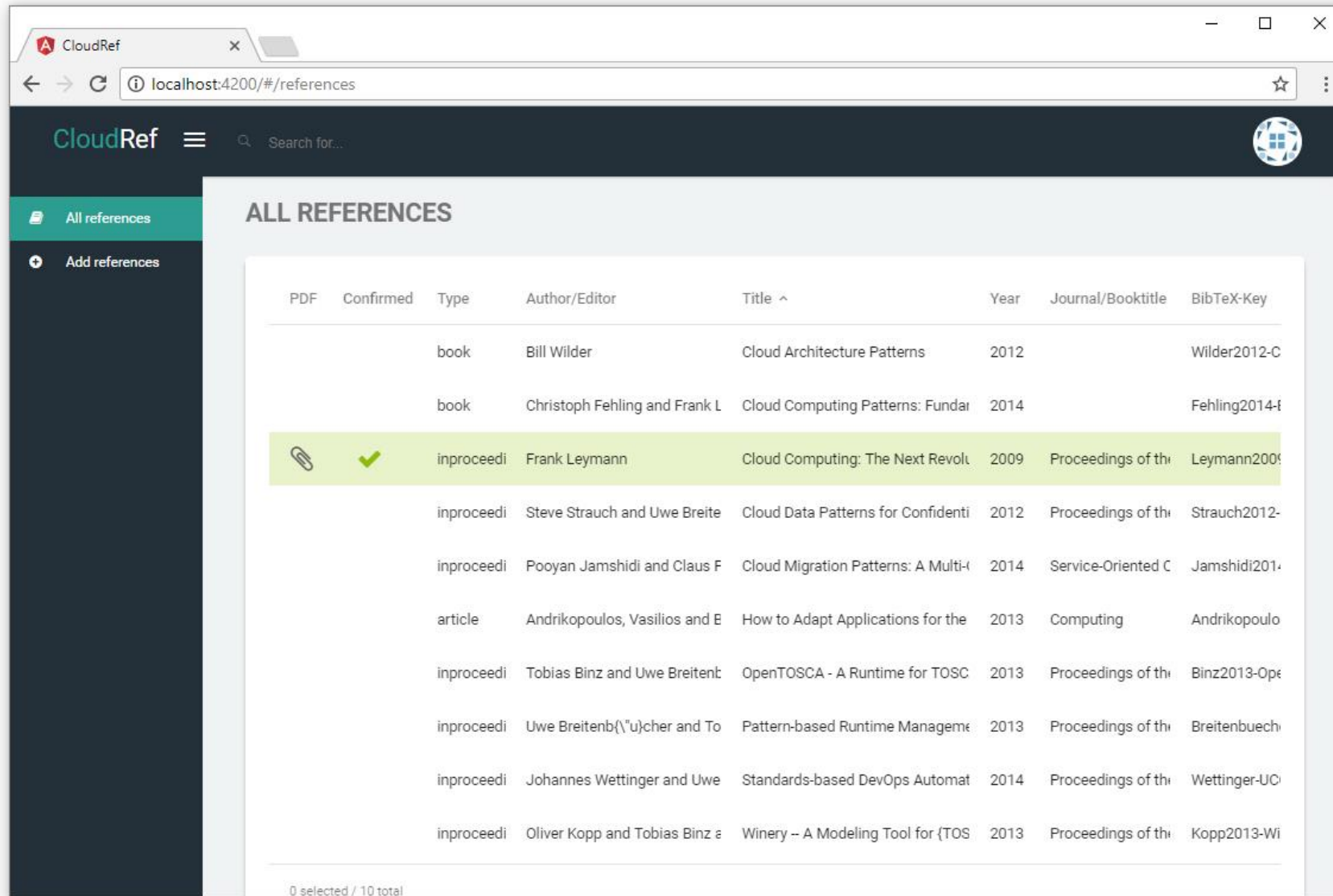
Select Processing and evaluation of full texts of ...

Word processing support (match all)



Select word processing program ...

Comparison of reference management software																	
Software	Open Source	Web client	Import filter	Import from web pages	Export	Database search	Define new document types	Define new entry fields	Add metadata from other sources	Link references	Processing and evaluation of full texts	Sharing records with other users	Cooperative use	Self-definition or adaptation of citation styles	Creation of literature lists	Organization of knowledge	
Algaion	yes	yes	BibTeX RIS others	no	BibTeX RIS	none	no	yes		yes	no	yes	yes	no	static	tags notes groups	
BibSonomy	yes	yes	BibTeX RIS others	yes	BibTeX RIS others	own database	no	no	ISBN DOI others	no	no	yes	yes	no	static	notes tags	
Citavi	no	no	BibTeX RIS others	yes	BibTeX RIS others	arXiv Crossref Springer others	no	yes	ISBN DOI others	yes	yes	yes	yes	yes	static dynamic (L)	notes tags groups free text fields	
CiteULike	no	yes	BibTeX RIS	yes	BibTeX RIS others	own database	no	no		no	yes	yes	yes	no	static	notes tags groups	
Colwiz	no	yes	BibTeX RIS others	yes	BibTeX RIS others	Google Scholar arXiv IEEE Xplore DBLP Springer Crossref own database others	no	no	ISBN DOI others	no	yes	yes	yes	yes	static dynamic	notes groups tags	
Docear	yes	no	BibTeX	no	BibTeX RIS others	none	no	yes	others	yes	yes	yes	no	yes	static dynamic	notes tags groups mind map	
EndNote	no	yes	RIS others	yes	BibTeX RIS others	Crossref others	yes	yes	DOI others	no	yes	yes	yes	yes	static dynamic	notes tags groups	
F1000Workspace	no	yes	BibTeX RIS others	yes	BibTeX RIS others	none	no	no	ISBN DOI others	no	yes	yes	yes	no	static	notes tags groups	
JabRef	yes	no	BibTeX RIS others	yes	BibTeX RIS others	Google Scholar arXiv IEEE Xplore DBLP Springer Crossref others	yes	yes	ISBN DOI others	yes	no	yes	yes	yes	static dynamic	tags groups special fields	

Ausblick: CloudRef



The screenshot shows the CloudRef web application running in a browser. The browser's address bar displays 'localhost:4200/#/references'. The application has a dark blue sidebar on the left with a 'CloudRef' logo and a search bar. The main content area is titled 'ALL REFERENCES' and contains a table of references. The table has columns for PDF, Confirmed, Type, Author/Editor, Title, Year, Journal/Booktitle, and BibTeX-Key. One row is highlighted in green, indicating it is selected. The status bar at the bottom shows '0 selected / 10 total'.

PDF	Confirmed	Type	Author/Editor	Title ^	Year	Journal/Booktitle	BibTeX-Key
		book	Bill Wilder	Cloud Architecture Patterns	2012		Wilder2012-C
		book	Christoph Fehling and Frank L	Cloud Computing Patterns: Funda	2014		Fehling2014-f
		inproceedi	Frank Leymann	Cloud Computing: The Next Revolu	2009	Proceedings of the	Leymann2009
		inproceedi	Steve Strauch and Uwe Breite	Cloud Data Patterns for Confidenti	2012	Proceedings of the	Strauch2012-
		inproceedi	Pooyan Jamshidi and Claus F	Cloud Migration Patterns: A Multi-	2014	Service-Oriented C	Jamshidi201-
		article	Andrikopoulos, Vasilios and E	How to Adapt Applications for the	2013	Computing	Andrikopoulo
		inproceedi	Tobias Binz and Uwe Breitenb	OpenTOSCA - A Runtime for TOSC	2013	Proceedings of the	Binz2013-Ope
		inproceedi	Uwe Breitenb{"u"}cher and To	Pattern-based Runtime Managem	2013	Proceedings of the	Breitenbuech
		inproceedi	Johannes Wettinger and Uwe	Standards-based DevOps Automat	2014	Proceedings of the	Wettinger-UC
		inproceedi	Oliver Kopp and Tobias Binz	Winery -- A Modeling Tool for {TOS	2013	Proceedings of the	Kopp2013-Wi

0 selected / 10 total

Zusammenfassung und Ausblick

- BibTeX als internes Datenformat
- Qualitätssicherungsfunktionen
- DOI-Fetcher

- JabRef 5.0 und CloudRef
- Extraktion von BibtexVM zur Interpretation von bst-Dateien

- Frage und Antwortrunde am Freitag, 14:00 Uhr
- Fragen an kopp.dev+jabref@gmail.com

- Bitte <https://contribute.jabref.org> besuchen