

Power tools and how to use them



ROYAL INSTITUTE
OF TECHNOLOGY

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My personal goal: To be lazy

However, I'm willing to work hard to be lazy!

∴ if I am likely to have to do something more than once, automate the task!

$$(time\ to\ automate\ generic\ task\ +\ N * average\ time\ to\ do\ automated\ task) \ll \sum_{i=1}^N time\ to\ do\ task_i$$

when $N \gg 2$

No matter what tool you use, learn to use it

- Value your **own** time – investing a little time to learn how to use your tool well will save you lots of time (in the long run)
- Avoid looking dumb – do **not** hurt yourself with your choice of tool

Topics

- Where to find authoritative sources
- Communications tools – particularly for written communication (a later talk will focus on oral communication)
 - Tools for helping you with your references
 - Reference formats
 - Digital object identifiers
 - Citation formats

Communication tools & techniques

- Oral presentations
- Conference papers, Journal papers, ...
- Web sites, blogs, ...
- Open source code/hardware
- Applications & Products
- News releases
- Podcasts, videos & multimedia presentations
- Popular books, newspaper columns, ...
- Communicating with journalists, reporters, ...

From Aristotle's rhetoric to the basic principles of a presentation

Logos – appeal based upon logic or reason

Ethos – appeal based on ethics (for example the credibility of the speaker/writer)

Pathos (suffering) – emotional or motivational appeal



1. Story
2. Reason
3. Persuasion

Before we communicate, we need to have something to communicate

- Doing your own work:
 - Original research (conceive)
 - Development (design, implement, operate & evaluate)
- Describing the results of yourself and/or others:
 - Patents
 - Review, survey, and scholarly articles
 - Books: textbooks, professional literature, ...
 - Popular press/media

Finding sources and citing them

What have others done and how can you find, read, describe, and cite this work?

We will start with the problem of finding **suitable** sources:

- Search engines (both via web and library)
- Developing your reading habits: review articles, journals, conference proceedings, books, ...
- Following experts in the field
- Asking others

What about Wikipedia?

- Wikipedia is not a **primary** source
- What is a source?
 - the work itself
 - author
 - publisher
- **Reliable source:**
 - Published materials with a reliable publication process
 - Authoritative author
 - Verifiable: following the citation you should be able to find the source

Common places to look – for ICT sources

- ACM Digital Library
- IEEE *Xplore*[®] Digital Library
- Institute of Engineering and Technology (IET) Inspec
- CiteSeerX (<http://citeseerx.ist.psu.edu/>)
- ISI Web of Knowledge
- U. S. Patent and Trademark Office (www.USPTO.gov),
European Patent Office (www.epo.org), ..., Japan Patent
Office (www.jpo.go.jp): Industrial Property Digital
Library(IPDL) - http://www.ipdl.inpit.go.jp/homepg_e.ipdl
- Search engines: Google, Google Scholar, Google Books,
CiteULike, ...

Additional common places to look – for ICT sources

- DiVA (kth.diva-portal.org): KTH publications (including theses and dissertations) – see also www.essays.se, www.dissertations.se, libris.kb.se/index.jsp?language=en
- [arXiv.org](http://arxiv.org) – preprints, [Computing Research Repository](#)
- Compendex
- Collection of Computer Science Bibliographies <http://iinwww.ira.uka.de/bibliography/>
- DBLP Computer Science Bibliography <http://dblp.uni-trier.de/>
- (U.S.) National Science Foundation's National Science Digital Library (<http://nsdl.org/>)
- Microsoft Academic Search (<http://academic.research.microsoft.com/>)
- Amazon.com

The Collection of Computer Science Bibliographies

<http://iinwww.ira.uka.de/bibliography/>

The Collection of Computer Science Bibliographies

Home	About	FAQ	Browse	Add	Statistics
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Search Results: Show BibTeX

Search for: (online) sort by: year [XML](#) [RSS](#)

Returned: **134 Documents** (sorted by year) [Permalink](#)

2010: [Athanasios Karapantelakis](#) and [Gerald Q. Maguire Jr](#) [BibTeX](#)
[DOI resolver](#)
Utilizing Social Context for Providing Personalized Services to Mobile Users [\[FIND SIMILAR\]](#) [\[TRY GOOGLE\]](#)
EuroSSC, Lecture Notes in Computer Science, Vol. 6446, pp. 28-41, Springer, 2010. [DBLP \(2010\)](#)

2006: [M. E. Noz](#) and [G. Q. Maguire](#) and [M. P. Zelezniak](#) and [L. Olivecrona](#) and [H. Olivecrona](#) and [L. Axel](#) and [M. B. Srichai](#) and [L. Moy](#) and [A. Murphy Walcott](#) [BibTeX](#)
[\(2 dupl. with URL\)](#)
[DOI resolver](#)
Clinical Application of a Semiautomatic 3D Fusion Tool Where Automatic Fusion Techniques Are Difficult to Use [\[FIND SIMILAR\]](#) [\[TRY GOOGLE\]](#)
Workshop on Biomedical Image Registration, pp. 195-205, 2006. [Annotated Computer Vision Bibliography](#)

2006: [Marilyn E. Noz](#) and [Grace Chung](#) and [Benjamin Y. Lee](#) and [Gerald Q. Maguire Jr.](#) and [J. Keith Dewyngaert](#) and [Jay V. Doshi](#) and [Elissa L. Kramer](#) and [Antoinette Murphy-Walcott](#) and [Michael P. Zelezniak](#) and [Noeun G. Kwak](#) [BibTeX](#)
[DOI resolver](#)
Enhancing the Utility of ProstaScint SPECT Scans for Patient Management [\[FIND SIMILAR\]](#) [\[TRY GOOGLE\]](#)
J. Medical Systems, 30(2), pp. 123-132, 2006. [DBLP \(2006\)](#)

2004: [Marilyn E. Noz](#) and [Linda Moy](#) and [Fabio Ponzio](#) and [Elissa L. Kramer](#) and [Gerald Q. Maguire Jr](#) [BibTeX](#)
[Try](#)
[IEEEExplore](#)
Can the Specificity of MRI Breast Imaging be Improved by Fusing 3D MRI Volume Data Sets with FDG PET? [\[FIND SIMILAR\]](#) [\[TRY GOOGLE\]](#)
ISBI, pp. 1388-1391, IEEE, 2004. [DBLP \(2004\)](#)

2003: [Marilyn E. Noz](#) and [Gerald Q. Maguire Jr.](#) and [Michael P. Zelezniak](#) and [Elissa L. Kramer](#) and [Lotta Olivecrona](#) and [Henrik Olivecrona](#) and [Joakim Crafoord](#) and [J. Keith Dewyngaert](#) [BibTeX](#)
[DOI resolver](#)
[Try KVK](#)
Clinical Applications from Head to Toe Using a Semiautomatic 3D Inter/Intramodality Fusion Technique [\[FIND SIMILAR\]](#) [\[TRY GOOGLE\]](#)

What to do when you locate a potential source

- Read the abstract, conclusions, body, references, list of authors and their affiliations, ...
- Write down **all** the necessary reference information, so that you can:
 - Find this source again
 - Cite it - if you find it relevant
- Write a summary of what you learned

What to write down for each reference

- Write a complete reference or use the document's identifier to automatically get this information
- For a web page it is essential to have the date of access or date of last modification in addition to the URL as web page content can change with time (<http://wayback.archive.org/web/>)

<http://www.it.kth.se/~maguire> on 2001.05.15



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maguire@it.kth.se (best for actually reaching me)
tel +46 8 752 1438 (I almost never answer the telephone)
fax +46 8 751 1793 (Rarely read)

area: Computer Communication (Datorkommunikation)

The Teleinformatics department is located in the Electrum Building in Kista (N 59° 24.220' E017° 57.029' +/- 77m), for information about how to get to Electrum, click on Electrum in the address above! [Map](#) to CCSSlab.

Digital Object Identifier (DOI®) System - <http://www.doi.org/>

Persistent identifier for a digital object

- Managed by International DOI Foundation (IDF)
- Prefixes assigned by Registration Agencies (RAs)
- DOI name prefix: for example 10.1145 was assigned to the ACM
- **ACM assigns a unique identifier for a digital object:
1859204.1859218**

Peter J. Denning and Robert E. Kahn, The long quest for universal information access, Communications of the ACM, ISSN 0001-0782, ACM, New York, NY, USA, volume 53, number 12, December, 2010, pp. 34-36, <http://doi.acm.org/10.1145/1859204.1859218>

International Standard Book Number (ISBN)

10 or 13 digit identifier:

ISBN-10: <Group or country identifier>-<Publisher identifier>-<Title identifier>-<Check digit>

ISBN-13: 978-<Group or country identifier>-<Publisher identifier>-<Title identifier>-<Check digit>

An ISBN Agency assigns ISBN publisher prefix (publisher identifier) to publishers in their country/geographic territory and assigns ISBNs for each title.

```
@incollection {springerlink:10.1007/978-0-585-26636-7_5,  
  author = {Liu, George and Maguire, Gerald},  
  title = {A Mobility-Aware Dynamic Database Caching Scheme for Wireless Mobile Computing and Communications},  
  booktitle = {Databases and Mobile Computing},  
  editor = {Barbara, Daniel and Jain, Ravi and Krishnakumar, Narayanan}, publisher = {Springer US},  
  isbn = {978-0-585-26636-7},  
  pages = {69-86},  
  url = {http://dx.doi.org/10.1007/978-0-585-26636-7_5}, }
```

International Standard Serial Number (ISSN)

Identifier for serial publications

Does **not** identify a specific article in a publication, but rather identifies the **series**.

<http://www.issn.org/>

KTH library:

<http://www.lib.kth.se/main/eng/>

The screenshot shows the KTH Library website. At the top, there is a navigation bar with a Swedish flag and the text "På svenska", and links for "Search", "Content", and "Contact". Below this is a header area with the KTH logo and the text "KTH Library" next to a photograph of a building. The main content area is divided into several sections. On the left is a vertical sidebar with various links such as "Contact KTHB", "Search for information", "Eresources/Samsök", "KTHB Catalogue and more", "KTH Scientific Publishing", "Main library", "Local libraries", "Special collections", "Loans and copies", "Courses", "Teacher tools", "SUTL", "About KTHB", and "Regulations". The main content area features a breadcrumb trail "KTH / ECE / Library" and a link to "Opening hours". The primary heading is "KTHB Electronic Library". Below this, there are search options for "Journals | Articles | Databases" with a search box and a "Search" button. To the right, there is a section for "Books/journals at KTHB" with another search box and a "Search" button. Further down, there are links for "Get your library card online" and "My library account". A section titled "Publication Infrastructure" describes dealing with bibliometry and publications. Another section, "LRC Together with KTH Learning Lab", states that the library constitutes a Learning Resource Center. There are also "News from the library" sections, including "Summer opening hours" and "KTHB:s catalogue now in your mobile". At the bottom, there are social media links for Facebook, Flickr, Twitter, and YouTube. A "Quick links" dropdown menu is visible, and a "Search DiVA Publish" button is present. A "Guide to the library" button and a "Download KTHB Toolbar" button are also shown.

KTH library: Databases

The screenshot shows the KTH Library website interface. At the top, there is a navigation bar with a Swedish flag and the text 'På svenska', and links for 'Search', 'Content', and 'Contact'. The main header features the KTH logo and the text 'KTH Library' next to a photograph of a building. The left sidebar contains a vertical menu with links such as 'Contact KTHB', 'Search for information', 'Eresources/Samsök', 'KTHB Catalogue and more', 'KTH Scientific Publishing', 'Main library', 'Local libraries', 'Special collections', 'Loans and copies', 'Courses', 'Teacher tools', 'SUTL', 'About KTHB', and 'Regulations'. The main content area is titled 'KTHB Electronic Library' and includes a search box with options for 'starts with' and 'contains', and a 'Search' button. Below the search box are links for 'Journals', 'Articles', and 'Databases'. To the right, there is a section for 'Books/journals at KTHB' with a search box and links to 'Get your library card online' and 'My library account'. Further down, there is a 'Publication Infrastructure' section and a 'News from the library' section with a link to 'Summer opening hours'. At the bottom, there are social media links for Facebook, Flickr, Twitter, and YouTube. On the right side, a 'Quick links' dropdown menu is open, listing various services and resources like 'Address, tel, fax', 'Article copies', 'Bilda/PingPong', 'Collection Location', 'Courses infosearch', 'Databases', 'Degree theses', 'Dictionaries', 'Disabilities', 'E-books', 'E-journals', 'Encyclopedias', 'Group Studies Main lib.', 'Group Studies Forum', 'IDC', 'KTH Theses', and 'KTHB Catalog'.

KTH library: Databases



KTH Biblioteket

samsök

[Contact us](#) | [På Svenska](#) | [Help](#) | [Sign off](#)

[QuickSearch](#) | [Find Database](#) | [Find e-Journal](#) | [MetaSearch](#)

[Find Database](#) | [Database List](#)

Find Database

Titles

Locate

Category

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [Å](#) [Ä](#) [Ö](#) [Other](#)

Titles:

Starts with Contains Exact

SÖK

KTH library: Database list (W*)



KTH Biblioteket

samsök

Contact us | På Svenska | Help | Sign off

QuickSearch | **Find Database** | Find e-Journal | MetaSearch

Find Database | **Database List**

Database List

Search for "Starts with = web of science"

Brief list | **Extended list**

Start with :

Web - ZDB

Go to **MetaSearch**

<Previous Next>

Database Name	Type	More
Web of Science	Reference database	
Wikipedia	Encyclopedia	
Wiley Online Library	E-Journal	
WordReference Dictionaries	Encyclopedia	
World Bank	Reference database	
World Higher Education Database	Fact	
WorldCat (OCLC/FirstSearch)	Library	
WorldCat.org (OCLC)	Library	
WorldWideScience.org	Subject Gateway	
ZDB - Zeitschriftendatenbank	Library	

Web - ZDB

Go to **MetaSearch**

<Previous Next>

[Turn Off Auto Refresh](#)

Web of Knowledge

The screenshot displays the Web of Knowledge interface. At the top, it says "WEB OF KNOWLEDGESM | DISCOVERY STARTS HERE" and "THOMSON REUTERS". Below this is a navigation bar with links like "Go to mobile site", "Sign In", "Marked List (0)", "My EndNote Web", "My ResearcherID", "My Citation Alerts", "My Saved Searches", "Log Out", and "Help".

The main content area is titled "Web of ScienceSM" and includes a "Search" section with three input fields for "Topic", "Author", and "Publication Name". Each field has an "AND" dropdown and a search icon. Examples are provided for each: "oil spill* mediterranean" for Topic, "O'Brian C* OR OBrian C*" for Author, and "Cancer* OR Journal of Cancer Research and Clinical Oncology" for Publication Name. There are "Search" and "Clear" buttons, and a note that "Searches must be in English".

Below the search section, there are "Current Limits" and "Timespan" settings. The "Timespan" section shows "All Years" selected, with "From 1975 to 2011" (default is all years). The "Citation Databases" section lists: Science Citation Index Expanded (SCI-EXPANDED); Social Sciences Citation Index (SSCI); Arts & Humanities Citation Index (A&HCI); Conference Proceedings Citation Index- Science (CPCI-S); Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH). There are also links to "Adjust your search settings" and "Adjust your results settings".

At the bottom left, it says "View in: 简体中文 | English | 日本語".

On the right side, there is a "Maintenance Alert" section with text about performance issues and a link to "Frequently Asked Questions". Below that is a "Support, Tools, Tips" section with "Training & Support" links and a "What's new in Web of Knowledge?" section listing updates like ResearcherID searchability and automatic spelling variations.

Web of Knowledge: Search

WEB OF KNOWLEDGESM | DISCOVERY STARTS HERE

Go to mobile site | Sign In | Marked List (0) | My EndNote Web | My ResearcherID | My Citation Alerts | My S

All Databases | Select a Database | Web of Science | Additional Resources


Search | Author Finder | Cited Reference Search | Advanced Search | Search History

Web of ScienceSM


Search

in

Example: oil spill mediterranean*

in 

Example: O'Brian C OR OBrian C**
Need help finding papers by an author? Use [Author Finder](#).

in 

Example: Cancer OR Journal of Cancer Research and Clinical Oncology*

[Add Another Field >>](#)

Searches must be in English

Current Limits: (To save these permanently, [sign in](#) or [register](#).)

Timespan

- All Years (updated 2011-07-30)
- From to (default is all years)

Citation Databases: Science Citation Index Expanded (SCI-EXPANDED); Social Sciences Citation Index (SSCI); Arts & Humanities Citation Index (A&HCI); Conference Proceedings Citation Index- Science (CPCI-S); Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH)

Adjust your search settings

Adjust your results settings

First three records

WEB OF KNOWLEDGESM | DISCOVERY STARTS HERE | **THOMSON REUTERS**

Sign In | Marked List (0) | My EndNote Web | My ResearcherID | My Citation Alerts | My Saved Searches | Log Out | Help

All Databases | Select a Database | **Web of Science** | Additional Resources

Search | Author Finder | Cited Reference Search | Advanced Search | Search History

Web of ScienceSM

Results Topic=(acetabular) AND Author=(Maguire)
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH. Lemmatization=On. [Scientific WebPlus^{BETA} View Web Results >>](#)

Note: Alternative forms of your search term (for example, tooth and teeth) may have been applied, in particular for Topic or Title searches that do not contain quotation marks around the terms. To find only exact matches for your terms, turn off the "Lemmatization" option on the search page.

Results: 10 | Page 1 of 1 | Go | Sort by: Publication Date -- newest to oldest

Save to: [EndNote Web](#) [EndNote](#) | Analyze Results | Create Citation Report

ResearcherID more options

- Title: Validation of a 3D CT method for measurement of linear wear of acetabular cups**
Author(s): Jedenmalm Anneli; Nilsson Fritjof; Noz Marilyn E.; et al.
Source: ACTA ORTHOPAEDICA Volume: 82 Issue: 1 Pages: 35-41 DOI: 10.3109/17453674.2011.552777 Published: FEB 2011
Times Cited: 0 (from Web of Science)
[KTHB](#) [Full Text](#) [View abstract](#)
- Title: Computed tomography analysis of radiostereometric data to determine flexion axes after total joint replacement: Application to the elbow joint**
Author(s): Ericson A.; Olivecrona H.; Stark A.; et al.
Source: JOURNAL OF BIOMECHANICS Volume: 43 Issue: 10 Pages: 1947-1952 DOI: 10.1016/j.jbiomech.2010.03.016 Published: JUL 20 2010
Times Cited: 0 (from Web of Science)
[KTHB](#) [Full Text](#) [View abstract](#)
- Title: A new technique for diagnosis of acetabular cup loosening using computed tomography - Preliminary experience in 10 patients**
Author(s): Olivecrona Henrik; Olivecrona Lotta; Weidenhielm Lars; et al.
Source: ACTA ORTHOPAEDICA Volume: 79 Issue: 3 Pages: 346-353 DOI: 10.1080/17453670710015247 Published: 2008
Times Cited: 2 (from Web of Science)

Refine Results

Search within results for [Search](#)

Web of Science Categories [Refine](#)

- RADIOLOGY NUCLEAR MEDICINE MEDICAL IMAGING (5)
- ORTHOPEDICS (3)
- BIOPHYSICS (2)
- ENGINEERING BIOMEDICAL (2)

[more options / values...](#)

Document Types [Refine](#)

- ARTICLE (10)

Subject Areas

- Authors
- Group Authors
- Editors
- Source Titles
- Conference Titles

First of the three records

 **ResearcherID** more options  Create Citation Report

1. Title: **Validation of a 3D CT method for measurement of linear wear of acetabular cups**
Author(s): Jedenmalm Anneli; Nilsson Fritjof; Noz Marilyn E.; et al.
Source: ACTA ORTHOPAEDICA Volume: **82** Issue: **1** Pages: **35-41** DOI: **10.3109/17453674.2011.552777** Published: **FEB 2011**
Times Cited: **0** (from Web of Science)

 **KTHB**  Full Text [ View abstract]

First record found

The screenshot shows the Web of Knowledge interface. At the top, the logo 'WEB OF KNOWLEDGE' and 'DISCOVERY STARTS HERE' are visible, along with the Thomson Reuters logo. Below this is a navigation bar with links for 'Sign In', 'Marked List (0)', 'My EndNote Web', 'My ResearcherID', 'My Citation Alerts', 'My Saved Searches', 'Log Out', and 'Help'. A secondary navigation bar includes 'All Databases', 'Select a Database', 'Web of Science', and 'Additional Resources'. Underneath, there are search options: 'Search', 'Author Finder', 'Cited Reference Search', 'Advanced Search', and 'Search History'. The main content area is titled 'Web of Science' and shows 'Record 1 of 10'. It includes a toolbar with 'Full Text', 'KTHB', 'NCBI', and 'Save to' options (EndNote Web, EndNote, ResearcherID). The article title is 'Validation of a 3D CT method for measurement of linear wear of acetabular cups'. The authors listed are Jedenmalm, A; Nilsson, F; Noz, ME; Green, DD; Gedde, UW; Clarke, IC; Stark, A; Andreas, G; Maguire, GQ; Zeleznik, MP; and Olivecrona, H. The source is 'ACTA ORTHOPAEDICA', volume 82, issue 1, pages 35-41, published in February 2011. The abstract describes the use of a 3D CT method for measuring linear wear of polyethylene cups with a titanium mesh. The results indicate an accuracy of 0.51 mm and a repeatability of 0.39 mm. The document type is identified as an 'Article'.

Validation of a 3D CT method for measurement of linear wear of acetabular cups

Author(s): Jedenmalm, A (Jedenmalm, Anneli)^{1,2}; Nilsson, F (Nilsson, Fritjof)²; Noz, ME (Noz, Marilyn E.)³; Green, DD (Green, Douglas D.)⁴; Gedde, UW (Gedde, Ulf W.)²; Clarke, IC (Clarke, Ian C.)⁴; Stark, A (Stark, Andreas)⁵; Maguire, GQ (Maguire, Gerald Q., Jr.)⁶; Zeleznik, MP (Zeleznik, Michael P.)⁷; Olivecrona, H (Olivecrona, Henrik)⁵

Source: ACTA ORTHOPAEDICA **Volume:** 82 **Issue:** 1 **Pages:** 35-41 **DOI:** 10.3109/17453674.2011.552777
Published: FEB 2011

Times Cited: 0 (from Web of Science)

Cited References: 24 [[view related records](#)] [[Citation Map](#)]

Abstract: Material and methods Ultra-high molecular weight polyethylene cups with a titanium mesh molded on the outside were subjected to wear using a hip simulator. Before and after wear, they were (1) imaged with a CT scanner using a phantom model device, (2) measured using a coordinate measurement machine (CMM), and (3) weighed. CMM was used as the reference method for measurement of femoral head penetration into the cup and for comparison with CT, and gravimetric measurements were used as a reference for both CT and CMM. Femoral head penetration and wear vector angle were studied. The head diameters were also measured with both CMM and CT. The repeatability of the method proposed was evaluated with two repeated measurements using different positions of the phantom in the CT scanner.

Results The accuracy of the 3D CT method for evaluation of linear wear was 0.51 mm and the repeatability was 0.39 mm. Repeatability for wear vector angle was 17 degrees A degrees.

Interpretation This study of metal-meshed hip-simulated acetabular cups shows that CT has the capacity for reliable measurement of linear wear of acetabular cups at a clinically relevant level of accuracy.

Document Type: Article

Times Cited: 0
This article has been cited 0 times in Web of Knowledge.
[Create Citation Alert](#)

Related Records:
Find similar Web of Knowledge records based on shared references.
[\[view related records \]](#)

Cited References: 24
View the bibliography of this record (from Web of ScienceSM).
[\[view \] Citation Map](#)

Additional information

- View the journal's **impact factor** (in Journal Citation Reports[®])

Suggest a correction
If you would like to improve the quality of the data in this record, please [suggest a correction](#).

More records

5. Title: **Assessing wear of the acetabular cup using computed tomography: An ex vivo study**
Author(s): Olivecrona L; Jedenmalm A; Aspelin P; et al.
Source: ACTA RADIOLOGICA Volume: **46** Issue: **8** Pages: **852-857** DOI: **10.1080/02841850500271074** Published: **DEC 2005**
Times Cited: **4** (from Web of Science)
 [View abstract](#)
6. Title: **Standard orientation of the pelvis: Validation on a model and ten patients**
Author(s): Olivecrona L; Aspelin P; Weidenhielm L; et al.
Source: ACTA RADIOLOGICA Volume: **46** Issue: **1** Pages: **74-82** DOI: **10.1080/02841850510016063** Published: **FEB 2005**
Times Cited: **2** (from Web of Science)
 [View abstract](#)
7. Title: **A new CT method for measuring cup orientation after total hip arthroplasty - A study of 10 patients**
Author(s): Olivecrona H; Weidenhielm L; Olivecrona L; et al.
Source: ACTA ORTHOPAEDICA SCANDINAVICA Volume: **75** Issue: **3** Pages: **252-260**
DOI: **10.1080/00016470410001169** Published: **JUN 2004**
Times Cited: **32** (from Web of Science)
 [Full Text](#) [View abstract](#)
8. Title: **Stability of acetabular axis after total hip arthroplasty, repeatability using CT and a semiautomated program for volume fusion**
Author(s): Olivecrona H; Olivecrona L; Weidenhielm L; et al.
Source: ACTA RADIOLOGICA Volume: **44** Issue: **6** Pages: **653-661** DOI: **10.1046/j.1600-0455.2003.00153.x** Published: **NOV 2003**
Times Cited: **9** (from Web of Science)
 [View abstract](#)
9. Title: **Model studies on acetabular component migration in total hip arthroplasty using CT and a semiautomated program for volume merging**
Author(s): Olivecrona L; Olivecrona H; Weidenhielm L; et al.
Source: ACTA RADIOLOGICA Volume: **44** Issue: **4** Pages: **419-429** DOI: **10.1034/j.1600-0455.2003.00086.x** Published: **JUL 2003**
Times Cited: **11** (from Web of Science)
 [View abstract](#)
10. Title: **Acetabular component migration in total hip arthroplasty using CT and a semiautomated program for volume merging**
Author(s): Olivecrona L; Crafoord J; Olivecrona H; et al.
Source: ACTA RADIOLOGICA Volume: **43** Issue: **5** Pages: **517-527** DOI: **10.1034/j.1600-0455.2002.430513.x** Published: **SEP 2002**
Times Cited: **19** (from Web of Science)
 [View abstract](#)

Focus on 7th record

7. Title: **A new CT method for measuring cup orientation after total hip arthroplasty - A study of 10 patients**
Author(s): Olivecrona H; Weidenhielm L; Olivecrona L; et al.
Source: ACTA ORTHOPAEDICA SCANDINAVICA Volume: **75** Issue: **3** Pages: **252-260**
DOI: **10.1080/00016470410001169** Published: **JUN 2004**
Times Cited: **32** (from Web of Science)
-   [ [View abstract](#)]

7th record found

All Databases | **Select a Database** | **Web of Science** | **Additional Resources**

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A new CT method for measuring cup orientation after total hip arthroplasty - A study of 10 patients

Author(s): Olivecrona, H (Olivecrona, H); Weidenhielm, L (Weidenhielm, L); Olivecrona, L (Olivecrona, L); Beckman, MO (Beckman, MO); Stark, A (Stark, A); Noz, ME (Noz, ME); Maguire, GQ (Maguire, GQ); Zeleznik, MP (Zeleznik, MP); Svensson, L (Svensson, L); Jonson, T (Jonson, T)

Source: ACTA ORTHOPAEDICA SCANDINAVICA **Volume:** 75 **Issue:** 3 **Pages:** 252-260 **DOI:** 10.1080/00016470410001169 **Published:** JUN 2004

Times Cited: 32 (from Web of Science)

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Abstract: Background It is difficult to assess the orientation of the acetabular component on routine radiographs. We present a method for determining the spatial orientation of the acetabular component after total hip arthroplasty (THA) using computed tomography.

Patients and methods Two CT-scans, 10 min apart, were obtained from each of 10 patients after THA. Using locally developed software, two independent examiners measured the orientation of the acetabular component in relation to the pelvis. The measurements were repeated after one week. To be independent of the patient position during scanning, the method involved two steps. Firstly, a 3D volumetric image of the pelvis was brought into a standard pelvic orientation, then the orientation of the acetabular component was measured. The orientation of the acetabular component was expressed as operative anteversion and inclination relative to an internal pelvic reference coordinate system. To evaluate precision, we compared measurements across pairs of CT volumes between observers and trials.

Results Mean absolute interobserver angle error was 2.3degrees for anteversion (range 0-6.6degrees), and 1.1 degrees for inclination (range 0-4.6degrees). For interobserver measurements, the precision, defined as one standard deviation, was 2.9degrees for anteversion, and 1.5degrees for inclination. A Student's West showed that the overall differences between the examiners, trials, and cases were not significant. Data were normally distributed and were not dependent on examiner or trial.

Times Cited: 34
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Liaw, Chen-Kun. Direct measurement of acetabular radiographic version using an ordinary goniometer - a precision study. COMPUTER AIDED SURGERY, 2011.

Haenle, Maximilian. Accuracy and reliability of different methods to evaluate the acetabular cup version from plain radiographs. SURGICAL AND RADIOLOGIC ANATOMY, OCT 2010.

Lubovsky, Omri. Acetabular orientation variability and symmetry based on CT scans of adults. INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY, SEP 2010.

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- Title: **Direct measurement of acetabular radiographic version using an ordinary goniometer - a precision study**
Author(s): Liaw Chen-Kun; Wu Tai-Yin; Yang Rong-Sen; et al.
Source: COMPUTER AIDED SURGERY Volume: **16** Issue: **4** Pages: **196-201** DOI: **10.3109/10929088.2011.583805** Published: **2011**
Times Cited: **0** (from All Databases)
- Title: **Accuracy and reliability of different methods to evaluate the acetabular cup version from plain radiographs**
Author(s): Haenle Maximilian; Mittelmeier Wolfram; Barbano Rodrigo; et al.
Source: SURGICAL AND RADIOLOGIC ANATOMY Volume: **32** Issue: **8** Pages: **725-730** DOI: **10.1007/s00276-010-0682-9** Published: **OCT 2010**
Times Cited: **0** (from All Databases)
- Title: **Acetabular orientation variability and symmetry based on CT scans of adults**
Author(s): Lubovsky Omri; Peleg Eran; Joskowicz Leo; et al.
Source: INTERNATIONAL JOURNAL OF COMPUTER ASSISTED RADIOLOGY AND SURGERY Volume: **5** Issue: **5** Pages: **449-454** DOI: **10.1007/s11548-010-0521-9** Published: **SEP 2010**
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5		Jedenmalm, A.	Validation of a 3D CT method for measurement of linear wear of acetabular cups: A hip simulator study	2011	Scopus	

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Resource: [SpringerLink - Journals](#)

Title: A Versatile Functional–Anatomic Image Fusion Method for Volume Data Sets

Author: Marilyn E. Noz
Gerald Q. Maguire
Michael P. Zeleznik
Elissa L. Kramer
Faaiza Mahmoud
Joakim Crafoord

Citation: Journal of Medical Systems Volume 25, Number 5

Year: 2004

Abstract: We describe and validate a volumetric three-dimensional registration method, and compare it to our previously validated two-dimensional/three-dimensional method. CT/MRI and SPECT data from 14 patients were interactively fused using a polynomial warping technique. Registration accuracy was confirmed visually and by a nonsignificant F value from multivariate analysis of the transformed landmarks, a significant difference of the squared sum of intensity differences between the transformed/untransformed and the reference volume both at the 0.05 ($p > 0.05$) confidence level and an average 31% improvement of the correlation coefficient and cross correlation. For the two-dimensional/three-dimensional method, ROI center-to-center distance ranged from 1.42 to 11.32 mm (for liver) with an average of 6.13 mm \pm 3.09 mm. The average ROI overlap was 92.51% with a 95% confidence interval of 90.20–96.88%. The new method is superior because it operates on the true three-dimensional volume. Both methods give good registration results, take 10 to 30 min, and require anatomic knowledge.

Subject: Mathematics and Statistics

Publication Dates: 2004-10-31

Imprint: : Springer Netherlands

Type: Journal Article

Language: en

External: <http://www.springerlink.com/focus/lib.kth.se/content/t65624146w53t335/>

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Title:	Utilizing Social Context for Providing Personalized Services to Mobile Users
Author:	Athanasios Karapantelakis Gerald Q. Maguire
Citation:	Lecture Notes in Computer Science Smart Sensing and Context
Year:	2010
Abstract:	We are currently witnessing a growing tendency for users to engage in social activities on the Internet. Consequently, social networks - tools that enable such activities - are increasingly used. This paper describes a system that uses information users share on these networks (personal context), to recommend Web feeds of related content to users. The system mines data from popular social networks and combines it with information from third party websites to create user profiles. Subsequently, these profiles are matched with appropriately tagged Web feeds and are displayed to users through a mobile device application. We evaluate the system with a 6-month test run involving real users. We measure the system's performance as well as user satisfaction and assessment of the accuracy of recommendations by including a feedback mechanism on the mobile application.
Subject:	Computer Science
Publication Dates:	2010-11-18
Imprint:	: Springer Berlin / Heidelberg
Type:	Book Chapter
Language:	en
External:	http://www.springerlink.com/focus.lib.kth.se/content/r0n16828k5j05326/

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A Mobility-Aware Dynamic Database Caching Scheme for Wireless Mobile Computing and Communications

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This paper describes a mobility-aware dynamic database caching scheme for wireless mobile computing and communications. A *mobile-floating agent* scheme is proposed, in which caching techniques are cognizant of the mobile nature of mobile users and the location-sensitive nature of mobile systems. The *mobile-floating agent* maintains a second class cache in the fixed network and employs Barbara's "invalidation reports broadcasting" cache consistency strategies to maintain a dynamic cache consistent with the first class cache in the mobile client. The "invalidation reports broadcasting" scheme is combined with knowledge of the mobility behavior of each individual mobile user and broadcasts of *invalidation reports* only occur within the user's mobility area. The evaluation results show that, for a large system (200 cells), this scheme can reduce the system cost by more than 87%, for even highly mobile users, compared with a fully replicated database system.

Keywords wireless mobile computing - dynamic data caching - allocation for mobile databases - Novel applications

Recommended by: Daniel Barbara, Ravi Jain and Narayanan Krishnakumar

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DATABASES AND MOBILE COMPUTING
1996, 69-86, DOI: 10.1007/978-0-585-26636-7_5



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Title	A Mobility-Aware Dynamic Database Caching Scheme for Wireless Mobile Computing and Communications
Authors	George Liu ⁽¹⁾ Gerald Maguire ⁽²⁾
Author Affiliations	1. Ericsson Radio Systems System Research Department S-164 80 Stockholm Sweden 2. Royal Institute of Technology Department of Teleinformatics S-164 40 Stockholm Sweden
DOI	10.1007/978-0-585-26636-7_5
SpringerLink Date	Wednesday, August 29, 2007

About This Book

Title	Databases and Mobile Computing
Editors	Daniel Barbara ⁽¹⁾ Ravi Jain ⁽¹⁾ Narayanan Krishnakumar ⁽²⁾
Editor Affiliations	1. Bellcore USA 2. Fidelity Systems Co. USA
Collection	Computer Science
Subjects	Data Structures, Cryptology and Information Theory Computer Science, general
Copyright Year	1996
DOI	10.1007/b102243
ISBN	978-0-7923-9749-6 (Print) 978-0-585-26636-7 (Online)
Additional Links	About This Book
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Title:	A Mobility-Aware Dynamic Database Caching Scheme for Wireless Mobile Computing and Communications
Author:	George Liu Gerald Maguire
Citation:	Databases and Mobile Computing
Year:	2007
Abstract:	This paper describes a mobility-aware dynamic database caching scheme for wireless mobile computing and communications. A mobile-floating agent scheme is proposed, in which caching techniques are cognizant of the mobile nature of mobile users and the location-sensitive nature of mobile systems. The mobile-floating agent maintains a second class cache in the fixed network and employs Barbara's "invalidation reports broadcasting" cache consistency strategies to maintain a dynamic cache consistent with the first class cache in the mobile client. The "invalidation reports broadcasting" scheme is combined with knowledge of the mobility behavior of each individual mobile user and broadcasts of invalidation reports only occur within the user's mobility area. The evaluation results show that, for a large system (200 cells), this scheme can reduce the system cost by more than 87%, for even highly mobile users, compared with a fully replicated database system.
Subject:	Computer Science
Publication Dates:	2007-08-29
Imprint:	: Springer US
Type:	Book Chapter
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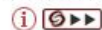
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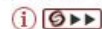
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Software technology for wireless mobile computing Quick Abstract

Duchamp, D.; Feiner, S.K.; Maguire, G.Q., Jr.;
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Volume: 5 , Issue: 6
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Publication Year: 1991 , Page(s): 12 - 18
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Duchamp, D.; Feiner, S.K.; Maguire, G.Q., Jr.; , "Software technology for wireless mobile computing," Network, IEEE , vol.5, no.6, pp.12-18, Nov 1991

doi: 10.1109/65.103804

Abstract: Some of the possibilities and requirements for mobile computing on wireless local area networks (LANs) are discussed from the systems software viewpoint. The design of the Student Electronic Notebook (SEN) is sketched to provide a partial catalog of problems in building a real system for wireless mobile computing. This project was initiated to investigate the potential of wireless mobile computing to reshape education. Some of the key directions for research in software technology for wireless, mobile computing are examined. Some of the authors' experience with wireless LANs is related

URL:<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=103804&isnumber=3209>

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ABSTRACT

Some of the possibilities and requirements for mobile computing on wireless local area networks (LANs) are discussed from the systems software viewpoint.

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```
@ARTICLE{103804,  
author={Duchamp, D. and Feiner, S.K. and Maguire, G.Q., Jr.},  
journal={Network, IEEE},  
title={Software technology for wireless mobile computing},  
year={1991},  
month={nov},  
volume={5},  
number={6},  
pages={12 -18},  
abstract={Some of the possibilities and requirements for mobile computing on  
wireless local area networks (LANs) ...},  
keywords={Student Electronic Notebook;education;software technology;systems  
software;wireless LAN;wireless local area networks;wireless mobile  
computing;educational ...},  
doi={10.1109/65.103804},ISSN={0890-8044},}
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TY - JOUR

JO - Network, IEEE

TI - Software technology for
wireless mobile computing

T2 - Network, IEEE

IS - 6

SN - 0890-8044

VO - 5

SP - 12

EP - 18

AU - Duchamp, D.

AU - Feiner, S.K.

AU - Maguire, G.Q., Jr.

Y1 - Nov 1991

PY - 1991

KW - educational computing

...

KW - wireless LAN

KW - wireless local area networks

KW - wireless mobile computing

VL - 5

JA - Network, IEEE

DOI - 10.1109/65.103804

AB - Some of the possibilities and requirements for mobile computing on wireless local area networks (LANs) are discussed from the systems software viewpoint. The design of the Student Electronic Notebook (SEN) is sketched to provide a partial catalog of problems in building a real system for wireless mobile computing. This project was initiated to investigate the potential of wireless mobile computing to reshape education. Some of the key directions for research in software technology for wireless, mobile computing are examined. Some of the authors' experience with wireless LANs is related

ER -

BibTeX

1. A tool for formatting citations (`\cite{IETF:RFC1235}`) and creating a bibliography for a LaTeX document:

```
\bibliographystyle{IEEEtran}, \bibliographystyle{alpha}, ...
```

```
\bibliography{rfci}           ← your bibliographics entries are in rfc1.bib
```

2. A format for references:

```
@article{IETF:RFC1235, author="J. Ioannidis and G. Maguire",  
title="{Coherent File Distribution Protocol}",  
journal="Internet Request for Comments",  
issn="{2070-1721}", volume="RFC 1235 (Experimental)",  
publisher="{RFC Editor}", institution="{RFC Editor}", year=1991,  
month=jun, url="http://www.rfc-editor.org/rfc/rfc1235.txt",  
abstract="{This memo describes the Coherent File Distribution Protocol  
(CFDP). This is an Experimental Protocol for the Internet community. It  
does not specify an Internet standard.}", }
```

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- bibtex-Article
- bibtex-Book
- bibtex-Booklet
- bibtex-InBook
- bibtex-InCollection
- bibtex-InProceedings
- bibtex-Manual
- bibtex-MastersThesis
- bibtex-Misc
- bibtex-PhdThesis
- bibtex-Preamble
- bibtex-Proceedings
- bibtex-String
- bibtex-TechReport
- bibtex-Unpublished

BibTeX mode: bibtex-Article

Inserts template:

```
@Article{  
  author = {},  
  title = {},  
  journal = {},  
  year = {},  
  OPTkey = {},  
  OPTvolume = {},  
  OPTnumber = {},  
  OPTpages = {},  
  OPTmonth = {},  
  OPTnote = {},  
  OPTannotate = {}
```

} Required

} Optional

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- TY - GEN
- ID - rfc1235
- L3 - citeulike-article-id:2777900
- TI - {Coherent File Distribution Protocol}
- SE - Request for Comments
- IS - 1235
- PB - IETF
- KW - internet
- KW - networking
- KW - rfc
- AU - Ioannidis, J
- AU - Maguire, G
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- UR - <http://www.ietf.org/rfc/rfc1235.txt>
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One of the early protocols for multicast distribution of files was described in RFC 1235[1] by Ioannidis and Maguire. John Ioannidis went on to write several other RFCs[2-4].

References

- [1] J. Ioannidis and G. Maguire, "Coherent File Distribution Protocol," *Internet Request for Comments*, vol. 1235, Jun. 1991.
- [2] M. Blaze, J. Ioannidis, and A. Keromytis, "DSA and RSA Key and Signature Encoding for the KeyNote Trust Management System," *Internet Request for Comments*, vol. 2792, Mar. 2000.
- [3] S. Bellovin, J. Ioannidis, A. Keromytis, and R. Stewart, "On the Use of Stream Control Transmission Protocol (SCTP) with IPsec," *Internet Request for Comments*, vol. 3554, Jul. 2003.
- [4] M. Blaze, J. Feigenbaum, J. Ioannidis, and A. Keromytis, "The KeyNote Trust-Management System Version 2," *Internet Request for Comments*, vol. 2704, Sep. 1999.

Zotero + Word 2010: Vancouver format

One of the early protocols for multicast distribution of files was described in RFC 1235(1) by Ioannidis and Maguire. John Ioannidis went on to write several other RFCs(2-4).

References

1. Ioannidis J, Maguire G. Coherent File Distribution Protocol. Internet Request for Comments [Internet]. 1991 Jun;RFC 1235 (Experimental). Available from: <http://www.rfc-editor.org/rfc/rfc1235.txt>
2. Blaze M, Ioannidis J, Keromytis A. DSA and RSA Key and Signature Encoding for the KeyNote Trust Management System. Internet Request for Comments [Internet]. 2000 Mar;RFC 2792 (Informational). Available from: <http://www.rfc-editor.org/rfc/rfc2792.txt>
3. Bellovin S, Ioannidis J, Keromytis A, Stewart R. On the Use of Stream Control Transmission Protocol (SCTP) with IPsec. Internet Request for Comments [Internet]. 2003 Jul;RFC 3554 (Proposed Standard). Available from: <http://www.rfc-editor.org/rfc/rfc3554.txt>
4. Blaze M, Feigenbaum J, Ioannidis J, Keromytis A. The KeyNote Trust-Management System Version 2. Internet Request for Comments [Internet]. 1999 Sep;RFC 2704 (Informational). Available from: <http://www.rfc-editor.org/rfc/rfc2704.txt>

Zotero + Word 2010: Modern Language Association (MLA) format

One of the early protocols for multicast distribution of files was described in RFC 1235 (Ioannidis and Maguire) by Ioannidis and Maguire. John Ioannidis went on to write several other RFCs (Blaze, Ioannidis, and Keromytis; Bellovin et al.; Blaze et al.).

References

Bellovin, S. et al. "On the Use of Stream Control Transmission Protocol (SCTP) with IPsec." *Internet Request for Comments RFC 3554 (Proposed Standard) (2003)* : n. pag.

Blaze, M. et al. "The KeyNote Trust-Management System Version 2." *Internet Request for Comments RFC 2704 (Informational) (1999)* : n. pag.

Blaze, M., J. Ioannidis, and A. Keromytis. "DSA and RSA Key and Signature Encoding for the KeyNote Trust Management System." *Internet Request for Comments RFC 2792 (Informational) (2000)* : n. pag.

Ioannidis, J., and G. Maguire. "Coherent File Distribution Protocol." *Internet Request for Comments RFC 1235 (Experimental) (1991)* : n. pag.

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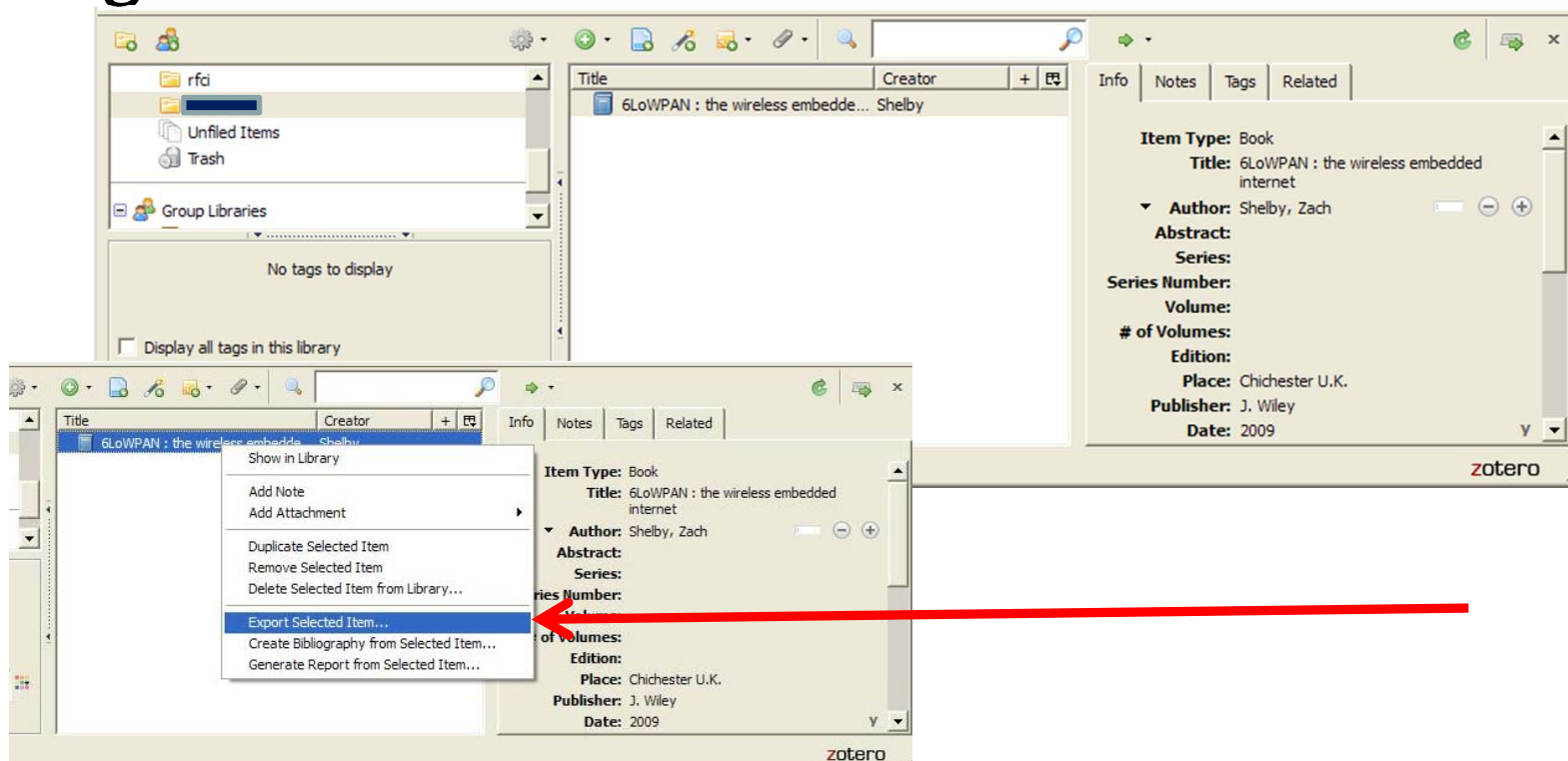
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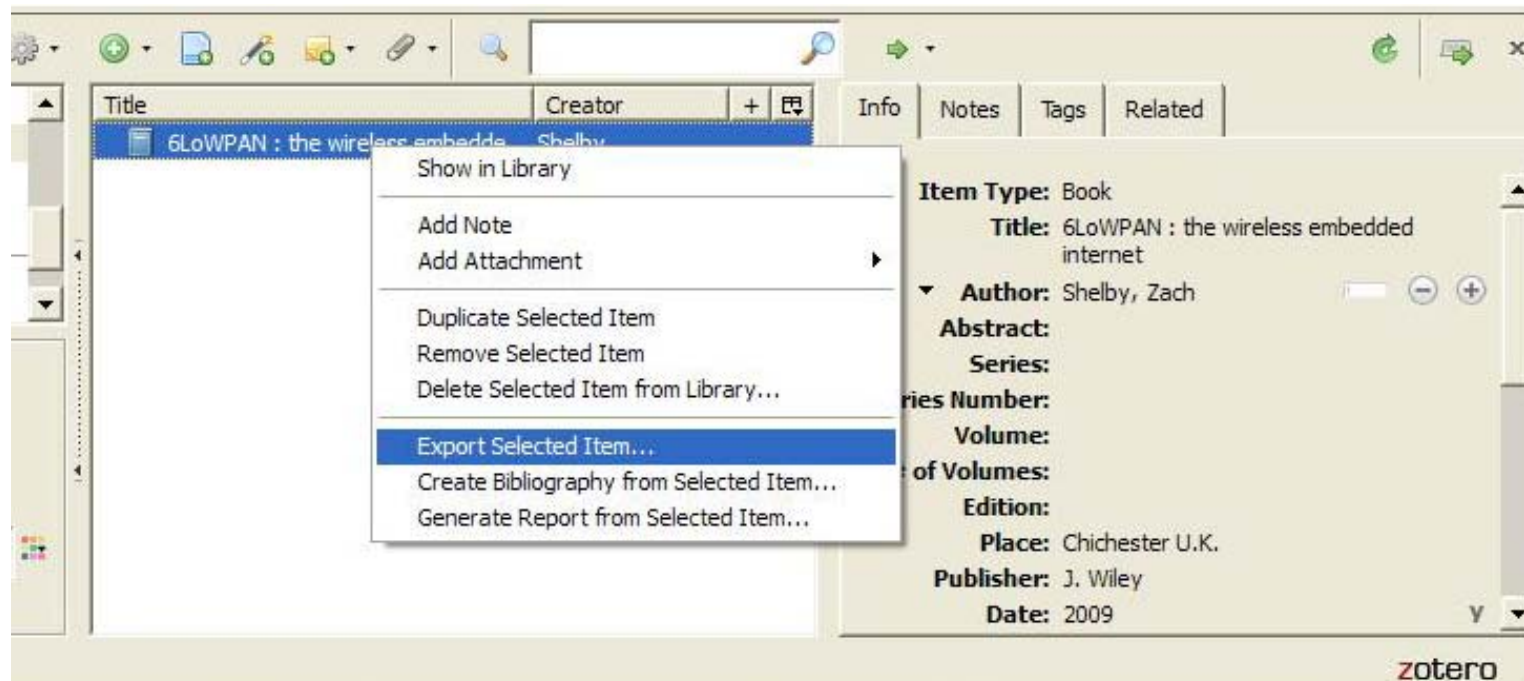


See also:

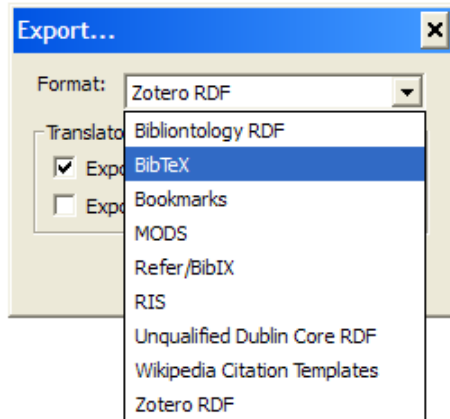
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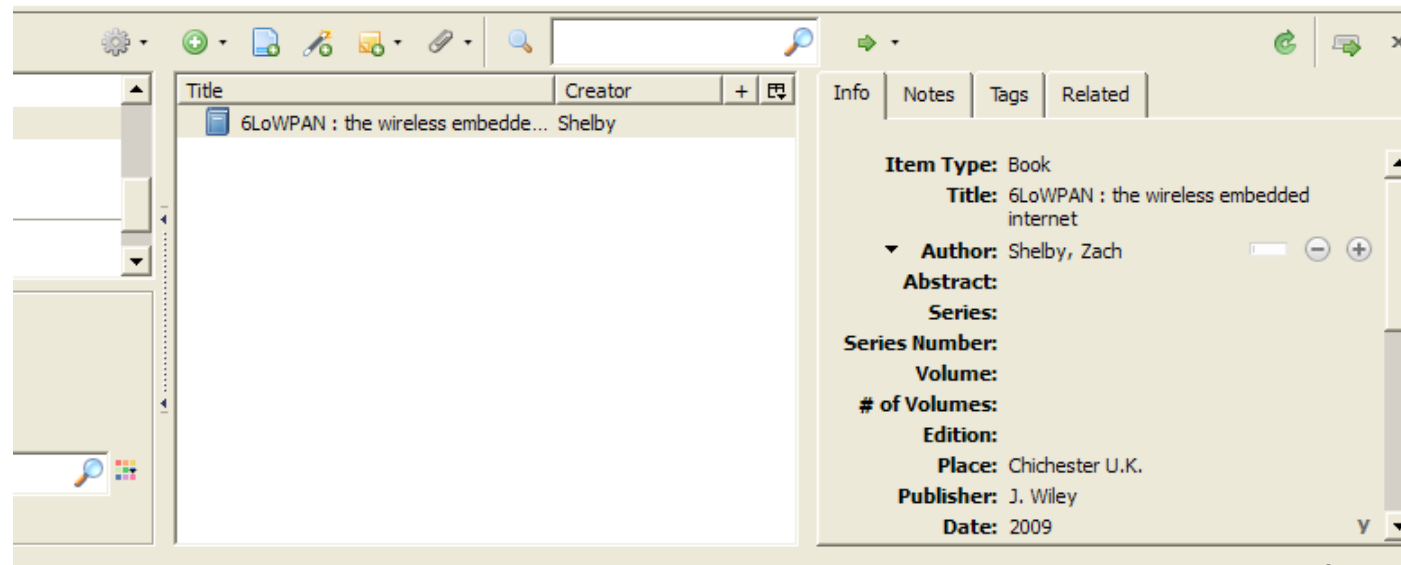
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  address = {Chichester {U.K.}},  
  title = {{6LoWPAN} : the wireless embedded  
internet},  
  isbn = {9780470747995},  
  shorttitle = {{6LoWPAN}},  
  publisher = {J. Wiley},  
  author = {Shelby, Zach},  
  year = {2009}}
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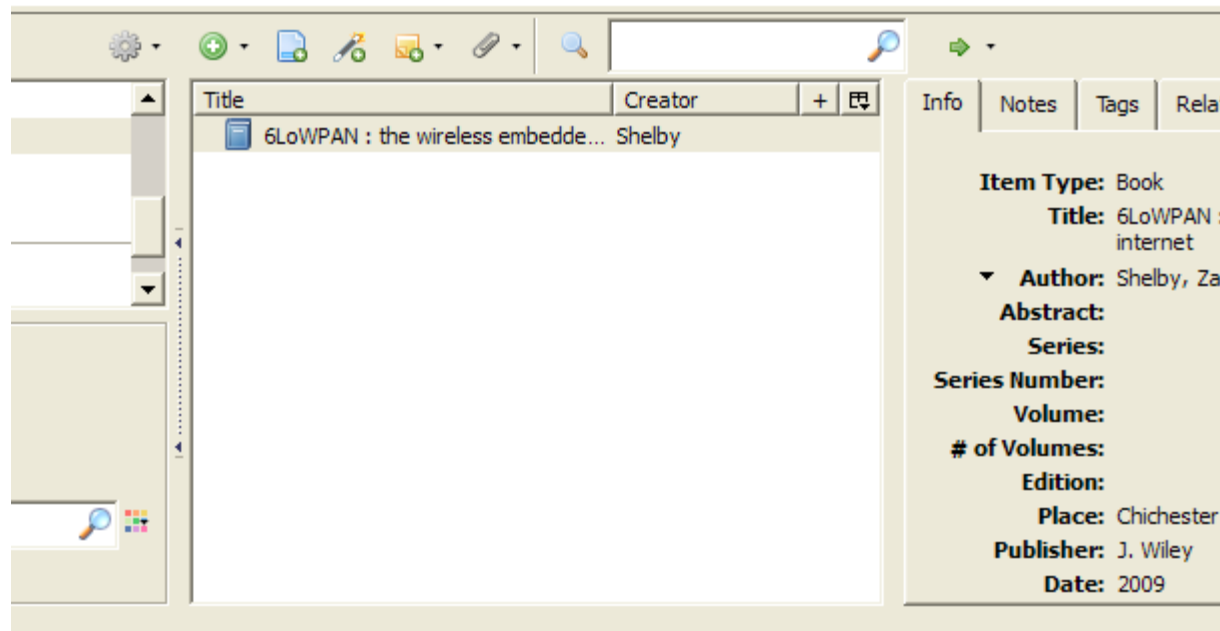
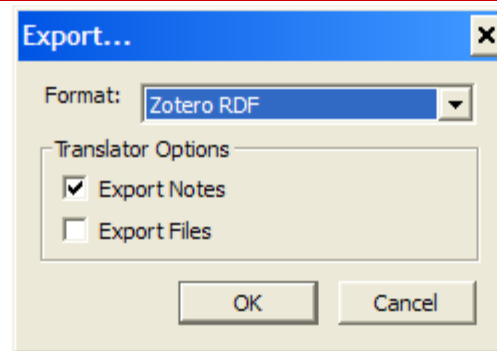
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The same web page also describes how to change the key format that is used inside the export function to automatically generate keys for the references.

To learn about MozRepl see: <http://www.youtube.com/watch?gl=US&v=5RSnHN6S52c>

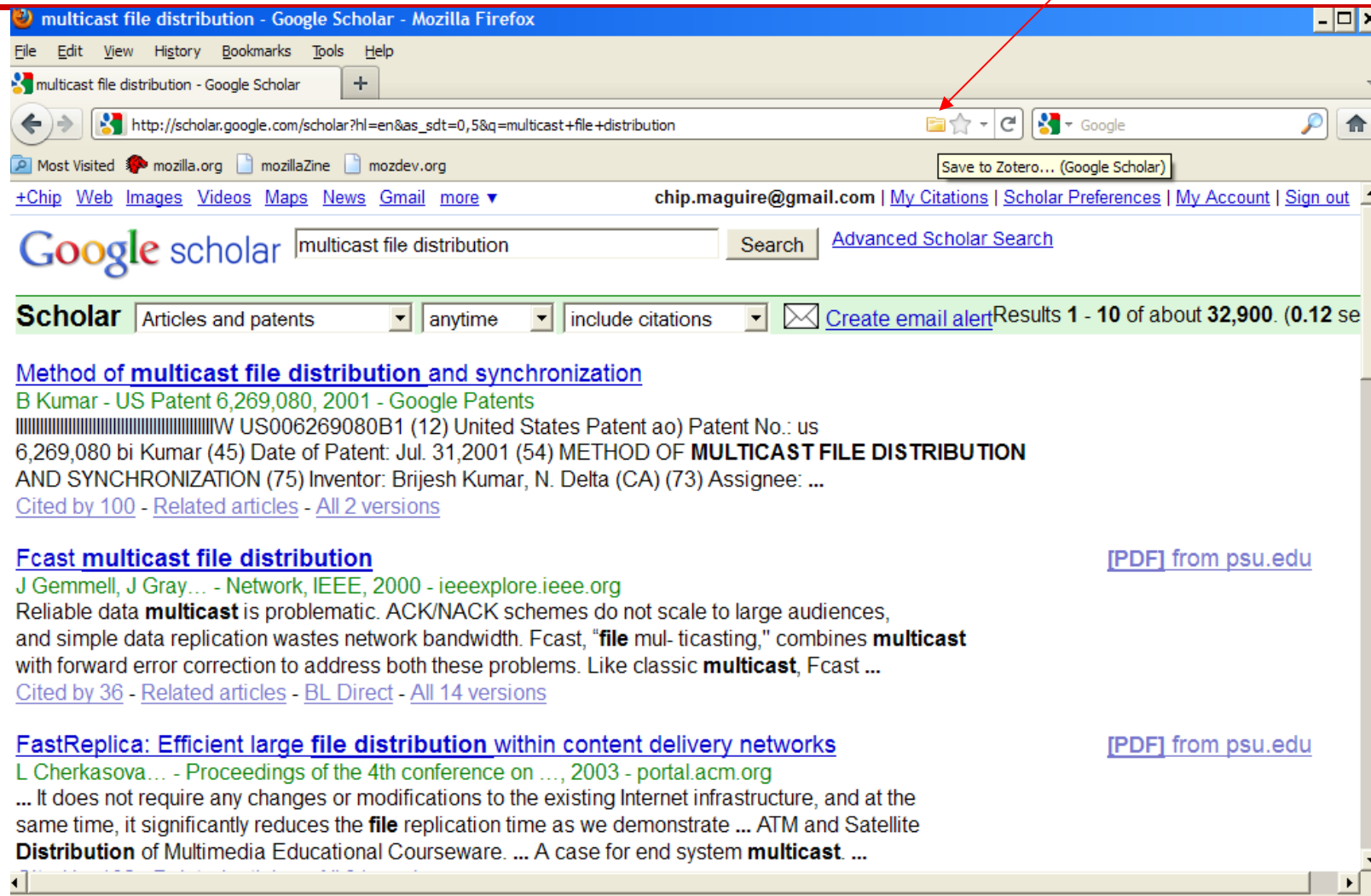
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The screenshot shows a Mozilla Firefox browser window with the address bar containing the URL: http://scholar.google.com/scholar?hl=en&as_sdt=0,5&q=multicast+file+distribution. The browser's address bar includes a 'Save to Zotero... (Google Scholar)' button, which is highlighted by a red arrow. The Google Scholar search results page displays the search query 'multicast file distribution' and shows the following results:

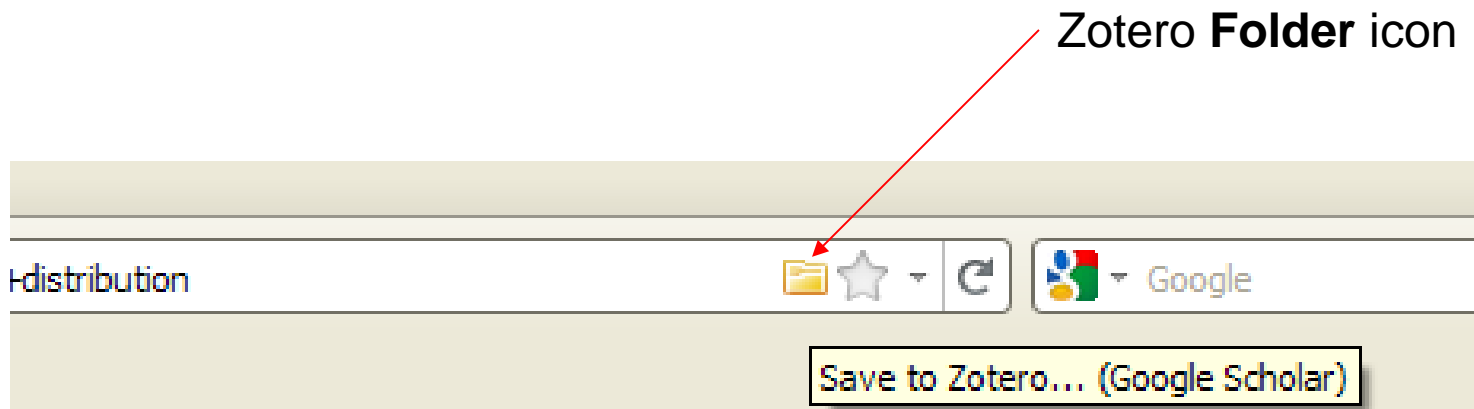
Scholar Articles and patents anytime include citations Create email alert Results 1 - 10 of about 32,900. (0.12 se

[Method of multicast file distribution and synchronization](#)
B Kumar - US Patent 6,269,080, 2001 - Google Patents
W US006269080B1 (12) United States Patent a) Patent No.: us
6,269,080 bi Kumar (45) Date of Patent: Jul. 31,2001 (54) METHOD OF **MULTICAST FILE DISTRIBUTION**
AND SYNCHRONIZATION (75) Inventor: Brijesh Kumar, N. Delta (CA) (73) Assignee: ...
[Cited by 100](#) - [Related articles](#) - [All 2 versions](#)

[Fcast multicast file distribution](#) [PDF] from psu.edu
J Gemmell, J Gray... - Network, IEEE, 2000 - ieeexplore.ieee.org
Reliable data **multicast** is problematic. ACK/NACK schemes do not scale to large audiences,
and simple data replication wastes network bandwidth. Fcast, "file mul- ticastng," combines **multicast**
with forward error correction to address both these problems. Like classic **multicast**, Fcast ...
[Cited by 36](#) - [Related articles](#) - [BL Direct](#) - [All 14 versions](#)

[FastReplica: Efficient large file distribution within content delivery networks](#) [PDF] from psu.edu
L Cherkasova... - Proceedings of the 4th conference on ..., 2003 - portal.acm.org
... It does not require any changes or modifications to the existing Internet infrastructure, and at the
same time, it significantly reduces the **file** replication time as we demonstrate ... ATM and Satellite
Distribution of Multimedia Educational Courseware. ... A case for end system **multicast**. ...

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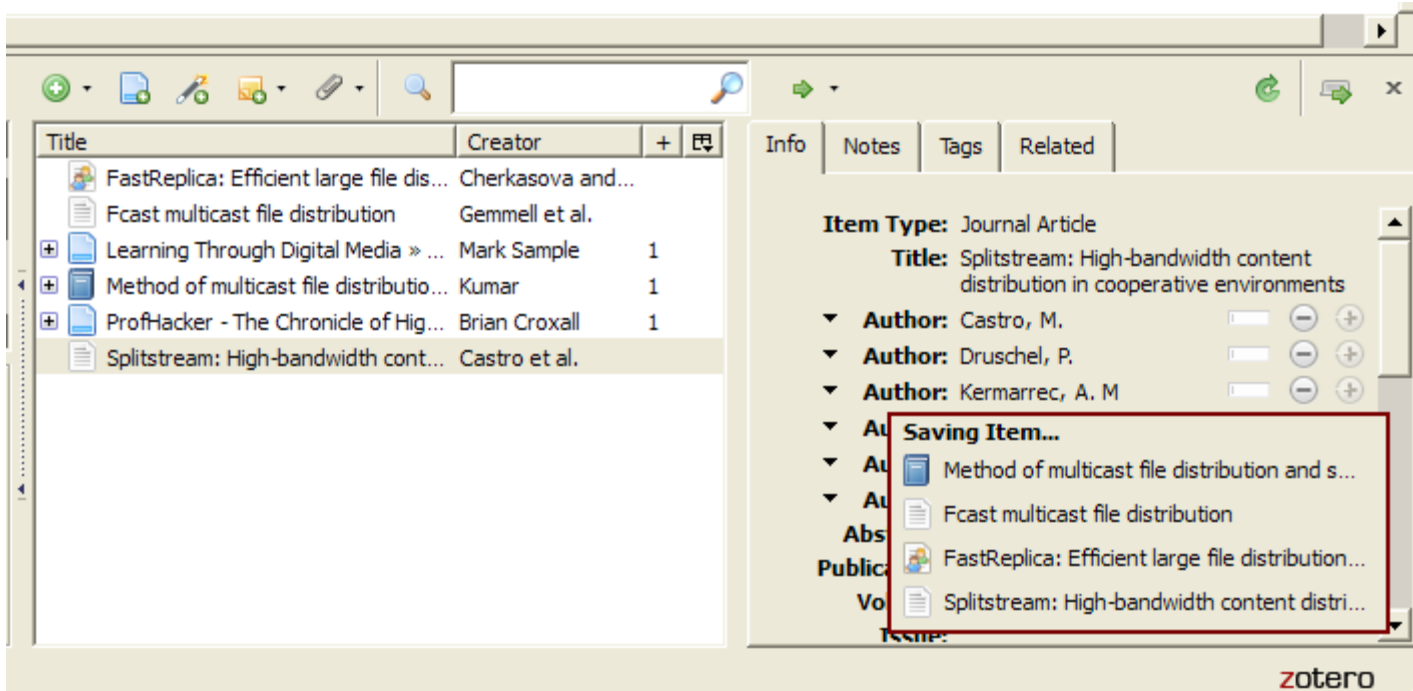
The search results are displayed in a list. The first result is titled "Method of multicast file distribution and synchronization" by B Kumar, with a link to "US Patent 6,269,080, 2001 - Google Patents". Below the title is a barcode and the text "W US006269080B1 (12) United States Patent ao) Patent No.: us 6,269,080 bi Kumar (45) Date of Patent: Jul. AND SYNCHRONIZATION (75) Inventor: Brij". There are links for "Cited by 100", "Related articles", and "All 2 version".

The second result is titled "Fcast multicast file distribution" by J Gemmell, J Gray, with a link to "Network, IEEE, 2000". The abstract text reads: "Reliable data **multicast** is problematic. ACK and simple data replication wastes network with forward error correction to address both". There are links for "Cited by 36", "Related articles", "BL Direct", and "A".

The third result is titled "FastReplica: Efficient large file distrib" by L Cherkasova, with a link to "Proceedings of the 4th co". The abstract text reads: "... It does not require any changes or modific same time, it significantly reduces the **file re Distribution** of Multimedia Educational Cou".

Overlaid on the right side of the search results is a "Select Items" dialog box. The dialog box has a title bar with a close button (X) and the text "Select Items". Inside the dialog, there is a list of items with checkboxes next to them. The first item is "Method of multicast file distribution and synchronization (Google Pat...". Below it are several other items, including "Fcast multicast file distribution (ieeexplore.ieee.org)", "FastReplica: Efficient large file distribution within content delivery ne...", "Why use a fishing line when you have a net? an adaptive multicast d...", "Splitstream: High-bandwidth content distribution in cooperative envir...", "SplitStream: high-bandwidth multicast in cooperative environments (...", "[PDF] Fcast multicast file distribution: Tune in, download, and drop o...", "Multicast transport protocols: a survey and taxonomy (ieeexplore.ie...", "[PDF] Fcast Scalable Multicast File Distribution: Caching And Paramet...", and "[PDF] Cooperative security for network coding file distribution (Cites...". At the bottom of the dialog box are buttons for "Select All", "Deselect All", "OK", and "Cancel".

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The screenshot shows a Google Patents page for the patent "Method of multicast file distribution and synchronization" by Brijesh Kumar. The patent number is US 6,269,080 B1, issued on July 31, 2001. The abstract describes a method for multicast file distribution and synchronization in data networks. A note is added in a browser window at the bottom, stating: "Perhaps this patent will be relevant to the project because of its use of file multicast." A red arrow points to this note.

Google patents multicast file distribution Search Patents Advanced Patent Search

Method of multicast file distribution and synchronization Brijesh Kumar

Overview
Abstract
Drawing
Description
Claims

Search within this patent Go

Patent number: 6269080
Filing date: Apr 13, 1999
Issue date: Jul 31, 2001

(12) **United States Patent**
Kumar

(10) Patent No.: **US 6,269,080 B1**
(45) Date of Patent: **Jul. 31, 2001**

(54) **METHOD OF MULTICAST FILE DISTRIBUTION AND SYNCHRONIZATION**

(75) Inventor: **Brijesh Kumar, N. Delta (CA)**

(73) Assignee: **Glenayre Electronics, Inc., Charlotte, NC (US)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/291,694**

5,727,002 * 3/1998 Miller et al. 371/32
5,905,871 * 5/1999 Buskens et al. 709/245

* cited by examiner

Primary Examiner—Ajit Patel
Assistant Examiner—Hanh Nguyen
(74) Attorney, Agent, or Firm—Christensen O'Connor Johnson Kindness PLLC

(57) **ABSTRACT**

The present invention involves a method for multicast file distribution and synchronization in data networks. Specifically, the present invention includes a mechanism for efficient and reliable distribution of a data file from a single

Perhaps this patent will be relevant to the project because of its use of file multicast.

Attach: snapshot, link, or file

file distribution and synchronization Brijesh Kumar

1

Plain text Clip Link Feedback PDF

US006269080B1

(12) **United States Patent**
Kumar

(10) **Patent No.:** US 6,269,080 B1
(45) **Date of Patent:** Jul. 31, 2001

(54) **METHOD OF MULTICAST FILE DISTRIBUTION AND SYNCHRONIZATION**

(75) Inventor: **Brijesh Kumar**, N. Delta (CA)

(73) Assignee: **Glenayre Electronics, Inc.**, Charlotte, NC (US)

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5,905,871 * 5/1999 Buskens et al. 709/245

* cited by examiner

Primary Examiner—Ajit Patel
Assistant Examiner—Hanh Nguyen
(74) Attorney, Agent, or Firm—Christensen O'Connor Johnson Kindness PLLC

(57) **ABSTRACT**

The present invention involves a method for multicast file distribution and synchronization in data networks. Specifically, the present invention includes a mechanism for efficient and reliable distribution of a data file from a single

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Splitstream: High-bandwidth cont... Castro et al.

Info Notes Tags Related

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Attaching the PDF

(12) **United States Patent
Kumar**

(10) **Patent No.: US 6,269,080 B1**
(45) **Date of Patent: Jul. 31, 2001**

(54) **METHOD OF MULTICAST FILE
DISTRIBUTION AND SYNCHRONIZATION**

5,727,002 * 3/1998 Miller et al. 371/32
5,905,871 * 5/1999 Buskens et al. 709/245

(75) Inventor: **Brijesh Kumar, N. Delta (CA)**

* cited by examiner

(73) Assignee: **Glenayre Electronics, Inc., Charlotte,
NC (US)**

Primary Examiner—Ajit Patel

Assistant Examiner—Hanh Nguyen

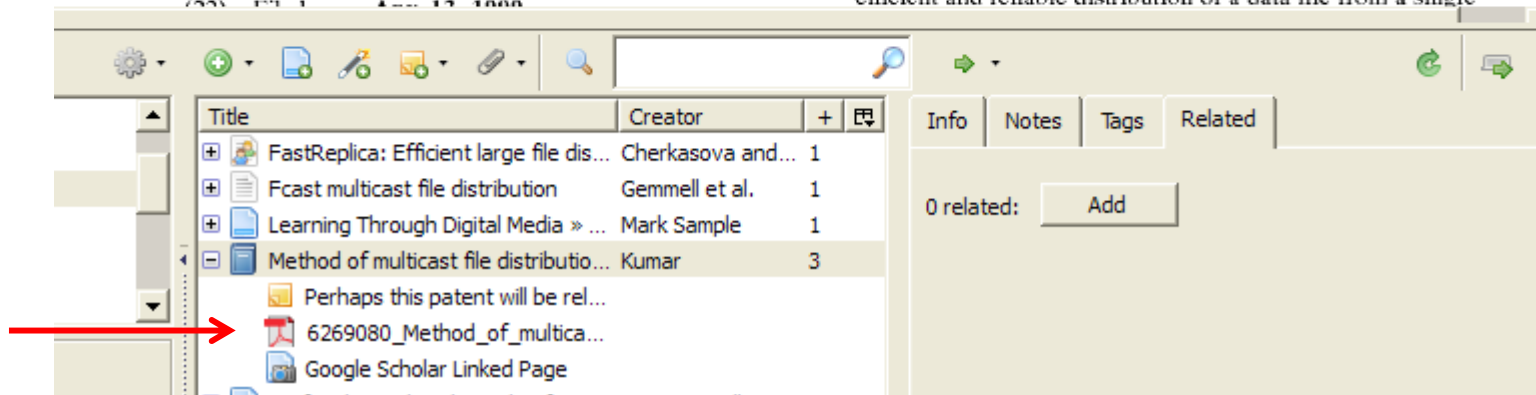
(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

(74) *Attorney, Agent, or Firm*—Christensen O'Connor
Johnson Kindness PLLC

(57) **ABSTRACT**

The present invention involves a method for multicast file
distribution and synchronization in data networks.
Specifically, the present invention includes a mechanism for
efficient and reliable distribution of a data file from a single

(21) Appl. No.: **09/291,694**



Add appropriate tags

US006269080B1

(12) **United States Patent**
Kumar

(10) **Patent No.:** **US 6,269,080 B1**
(45) **Date of Patent:** **Jul. 31, 2001**

(54) **METHOD OF MULTICAST FILE DISTRIBUTION AND SYNCHRONIZATION**

(75) Inventor: **Brijesh Kumar, N. Delta (CA)**

(73) Assignee: **Glenayre Electronics, Inc., Charlotte, NC (US)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/291,694**

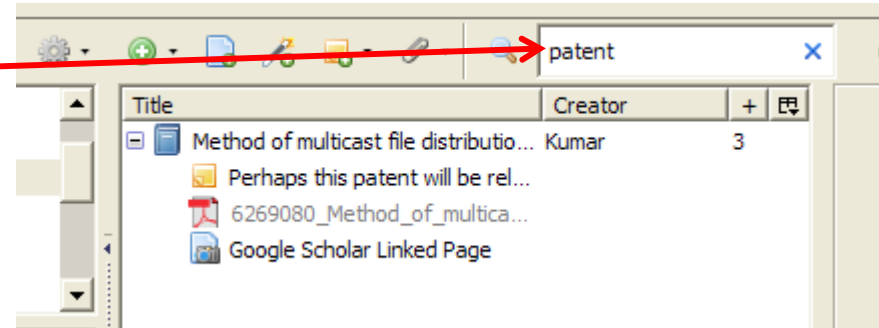
(57) **ABSTRACT**
The present invention involves a method for multicast file distribution and synchronization in data networks. Specifically, the present invention includes a mechanism for efficient and reliable distribution of a data file from a single

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5,905,871 * 5/1999 Buskens et al. 709/245
* cited by examiner
Primary Examiner—Ajit Patel
Assistant Examiner—Hanh Nguyen
(74) *Attorney, Agent, or Firm*—Christensen O'Connor Johnson Kindness PLLC

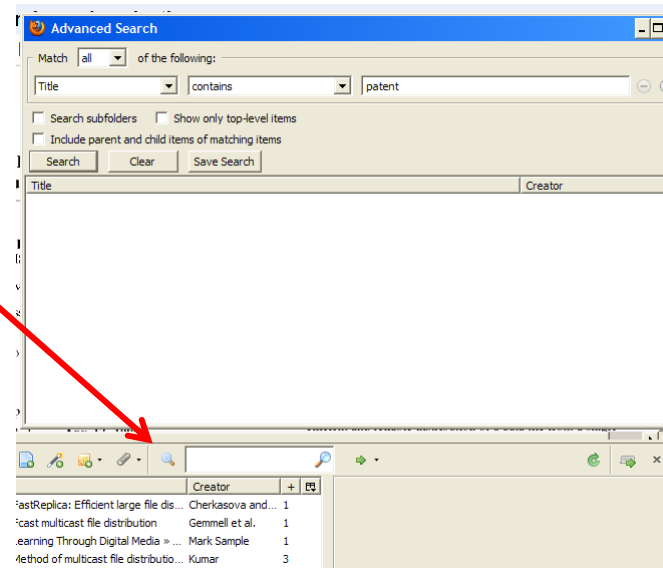
The screenshot shows a software interface for viewing patent information. On the left, there is a table of references with columns for 'Title', 'Creator', and a count. The table includes entries like 'FastReplica: Efficient large file dis...', 'Fcast multicast file distribution', 'Learning Through Digital Media', 'Method of multicast file distributio...', 'Perhaps this patent will be rel...', '6269080_Method_of_multica...', 'Google Scholar Linked Page', and 'ProfHacker - The Chronicle of Hig...'. On the right, there is a sidebar with tabs for 'Info', 'Notes', 'Tags', and 'Related'. The 'Tags' tab is active, showing '0 tags:' and an 'Add' button. Below this, there is a text input field containing the tag 'patent, multicast, synchronization', with a red arrow pointing to it.

Searching

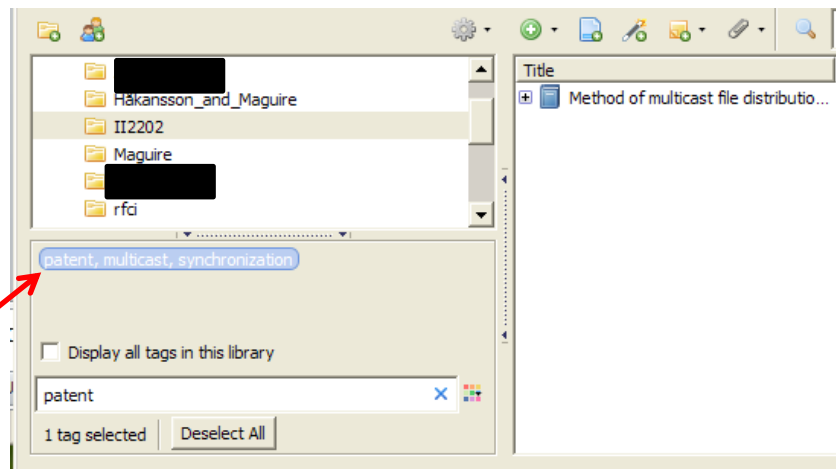
Quick Search



Advanced Search



Search using tags



Zotero + DiVA

The screenshot shows the KTH Publication Database DiVA interface. At the top, there is a navigation bar with the KTH logo and the text 'KTH Publication Database DiVA'. Below this, there are four search options: 'Simple search', 'Advanced search - research publications', 'Advanced search - student theses', and 'Statistics'. The main content area shows a search result for a conference paper. The title is 'Autonomous Tactical Communications Possibilities and Problems'. The authors listed are Ahlin, Lars (Swedish Defence Research Agency (FOI)), Englund, Eva (FOI), Jönsson, Christian (FOI), Söderquist, Ingrid (FOI), Zander, Jens (KTH, Superseded Departments, Signals, Sensors and Systems), and Maguire Jr., Gerald Q. (KTH, Superseded Departments, Teleinformatics). The publication type is 'Conference paper (Refereed)'. The language is 'English'. The conference is 'MILCOM 97 Proceedings' held in Monterey, CA, from November 2 to 5, 1997. The pages are 393-397. The year of publication is 1997. The URI is urn:nbn:se:kth:diva-28172. The permanent link is http://urn.kb.se/resolve?urn=urn:nbn:se:kth:diva-28172. A red arrow points to the 'Create reference »' link in the top right corner of the result box.

Author: Ahlin, Lars (Swedish Defence Research Agency (FOI))
Englund, Eva (FOI)
Jönsson, Christian (FOI)
Söderquist, Ingrid (FOI)
Zander, Jens (KTH, Superseded Departments, Signals, Sensors and Systems)
Maguire Jr., Gerald Q. (KTH, Superseded Departments, Teleinformatics)

Title: Autonomous Tactical Communications Possibilities and Problems

Department: KTH, Superseded Departments, Signals, Sensors and Systems
KTH, Superseded Departments, Teleinformatics

Publication type: Conference paper (Refereed)

Language: English

In: MILCOM 97 Proceedings

Conference: MILCOM 97, monterey, CA, 02 nov 1997 - 05 nov 1997

Pages: 393-397

Year of publ.: 1997

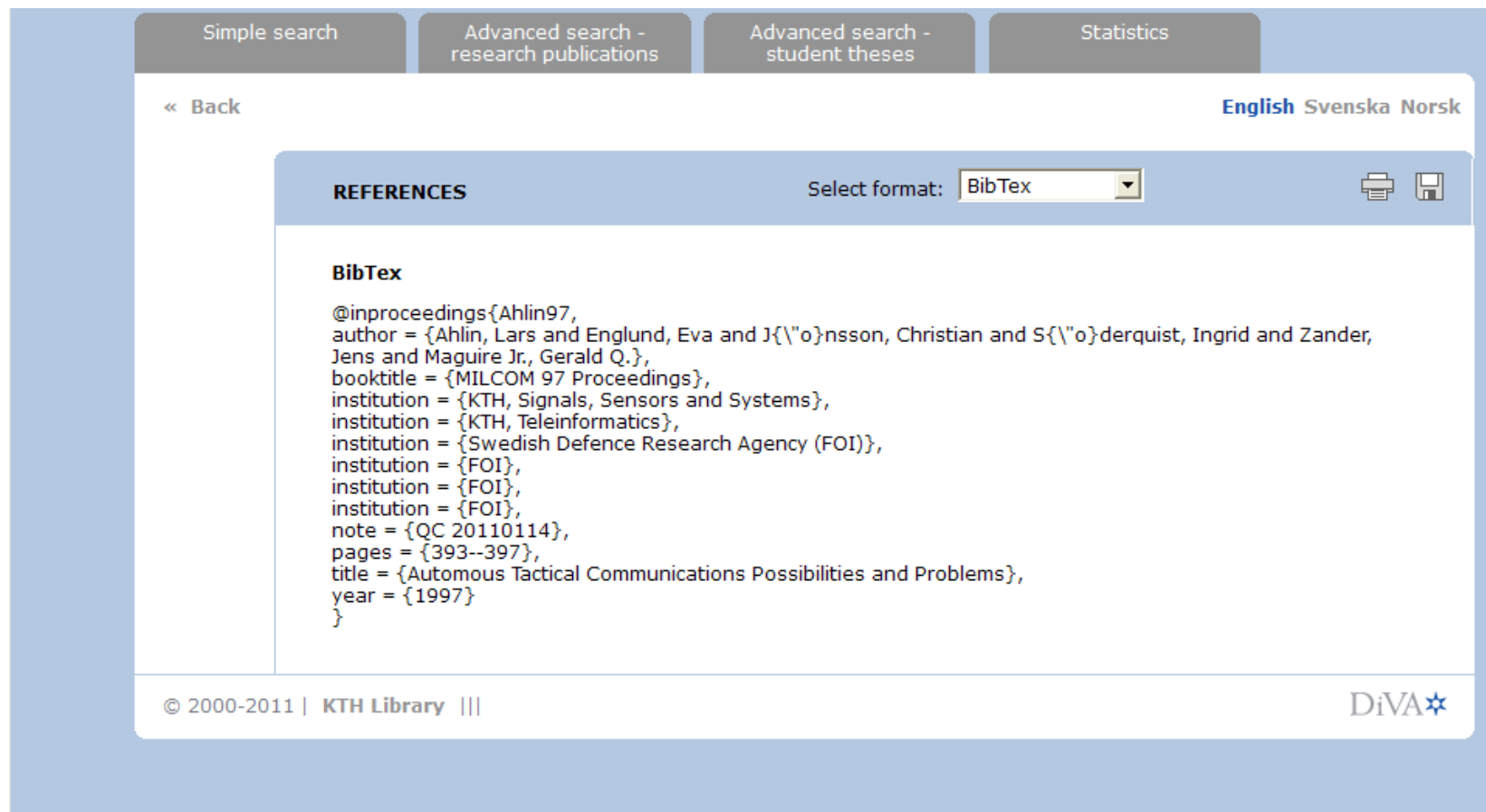
URI: urn:nbn:se:kth:diva-28172

Permanent link: http://urn.kb.se/resolve?urn=urn:nbn:se:kth:diva-28172

[Create reference »](#)

http://kth.diva-portal.org/smash/searchref.jsf?pid=diva2:384218&searchId=1303-4249-6

Zotero + DiVA



The screenshot shows the DiVA search interface. At the top, there are four navigation tabs: "Simple search", "Advanced search - research publications", "Advanced search - student theses", and "Statistics". Below the tabs, there is a language selector with "English Svenska Norsk" and a "Back" link. The main content area is titled "REFERENCES" and includes a "Select format:" dropdown menu set to "BibTeX". To the right of the dropdown are icons for printing and saving. The BibTeX reference is displayed in a code block format:

```
BibTeX  
@inproceedings{Ahlin97,  
author = {Ahlin, Lars and Englund, Eva and J{"o}nsson, Christian and S{"o}derquist, Ingrid and Zander,  
Jens and Maguire Jr, Gerald Q.},  
booktitle = {MILCOM 97 Proceedings},  
institution = {KTH, Signals, Sensors and Systems},  
institution = {KTH, Teleinformatics},  
institution = {Swedish Defence Research Agency (FOI)},  
institution = {FOI},  
institution = {FOI},  
institution = {FOI},  
note = {QC 20110114},  
pages = {393--397},  
title = {Autonomous Tactical Communications Possibilities and Problems},  
year = {1997}  
}
```

At the bottom of the interface, there is a footer with the text "© 2000-2011 | KTH Library |||" and the DiVA logo.

Zotero + DiVA

Copy reference to clipboard

The screenshot shows a web interface with search options: Simple search, Advanced search - research publications, Advanced search - student theses, and Statistics. Below these is a navigation bar with '<< Back' and language options 'English Svenska Norsk'. A 'REFERENCES' section has a 'Select format:' dropdown set to 'BibTeX' and icons for printing and saving. The BibTeX reference text is highlighted:

```
@inproceedings{Ahlin97,  
author = {Ahlin, Lars and Englund, Eva and J{\o}nsson, Christian and S{\o}derquist, Ingrid and Zander,  
Jens and Maguire Jr, Gerald Q.},  
booktitle = {MILCOM 97 Proceedings},  
institution = {KTH, Signals, Sensors and Systems},  
institution = {KTH, Teleinformatics},  
institution = {Swedish Defence Research Agency (FOI)},  
institution = {FOI},  
institution = {FOI},  
institution = {FOI},  
note = {QC 20110114},  
pages = {393--397},  
title = {Autonomous Tactical Communications Possibilities and Problems},  
year = {1997}}
```

The bottom part of the image shows the Zotero application interface. The left sidebar shows a library structure with folders: My Library, ACM, Exjobs, Håkansson_and_Maguire (selected), II2202, and Imported Tue 16 Aug 2011 12:46:54 PM CET. A context menu is open over the 'Håkansson_and_Maguire' folder, with 'Import from Clipboard' selected. Other menu items include Import..., Export Library..., RTF Scan..., Create Timeline, Preferences..., Report Errors..., Support and Documentation, and About Zotero. The main pane shows a table with columns for 'Creator' and 'Title', with one row visible: 'J. Ioannidis and ...' and 'methods fo... Peter Bock'. The status bar at the bottom indicates '0 tags selected' and 'Deselect All'.

Zotero + DiVA

The screenshot displays the Zotero application interface. At the top, a window titled "REFERENCES" shows a BibTeX entry for a conference paper. The entry text is as follows:

```
@inproceedings{Ahlin97,  
author = {Ahlin, Lars and Englund, Eva and Jönsson, Christian and Söderquist, Ingrid and Zander, Jens and Maguire Jr., Gerald Q.},  
booktitle = {MILCOM 97 Proceedings},  
institution = {KTH, Signals, Sensors and Systems},  
institution = {KTH, Teleinformatics},  
institution = {Swedish Defence Research Agency (FOI)},  
institution = {FOI},  
institution = {FOI},  
institution = {FOI},  
note = {QC 20110114},  
pages = {393-397},  
title = {Autonomous Tactical Communications Possibilities and Problems},  
year = {1997}}
```

The main interface below is divided into several sections:

- Left Panel:** A file browser showing a library structure with folders like "My Library", "ACM", "Exjobs", "Håkansson_and_Maguire", "II2202", and "Imported Tue 16 Aug 2011 12:46:54 PM CET". Below this is a tag management area with "No tags to display" and a checkbox for "Display all tags in this library".
- Center Panel:** A table with columns "Title" and "Creator". One entry is visible: "Autonomous Tactical Communication..." by "Ahlin et al.".
- Right Panel:** A metadata editor for the selected item. It shows:
 - Item Type:** Conference Paper
 - Title:** Autonomous Tactical Communications Possibilities and Problems
 - Author:** A list of authors: Ahlin, Lars; Englund, Eva; Jönsson, Christian; Söderquist, Ingrid; Zander, Jens; Maguire Jr., Gerald Q.
 - Abstract:** (Empty)
 - Date:** 1997
 - Proceedings Title:** MILCOM 97 Proceedings
 - Conference Name:** (Empty)

Zotero + DiVA: multiple documents

« Back / Limit search query English Svenska

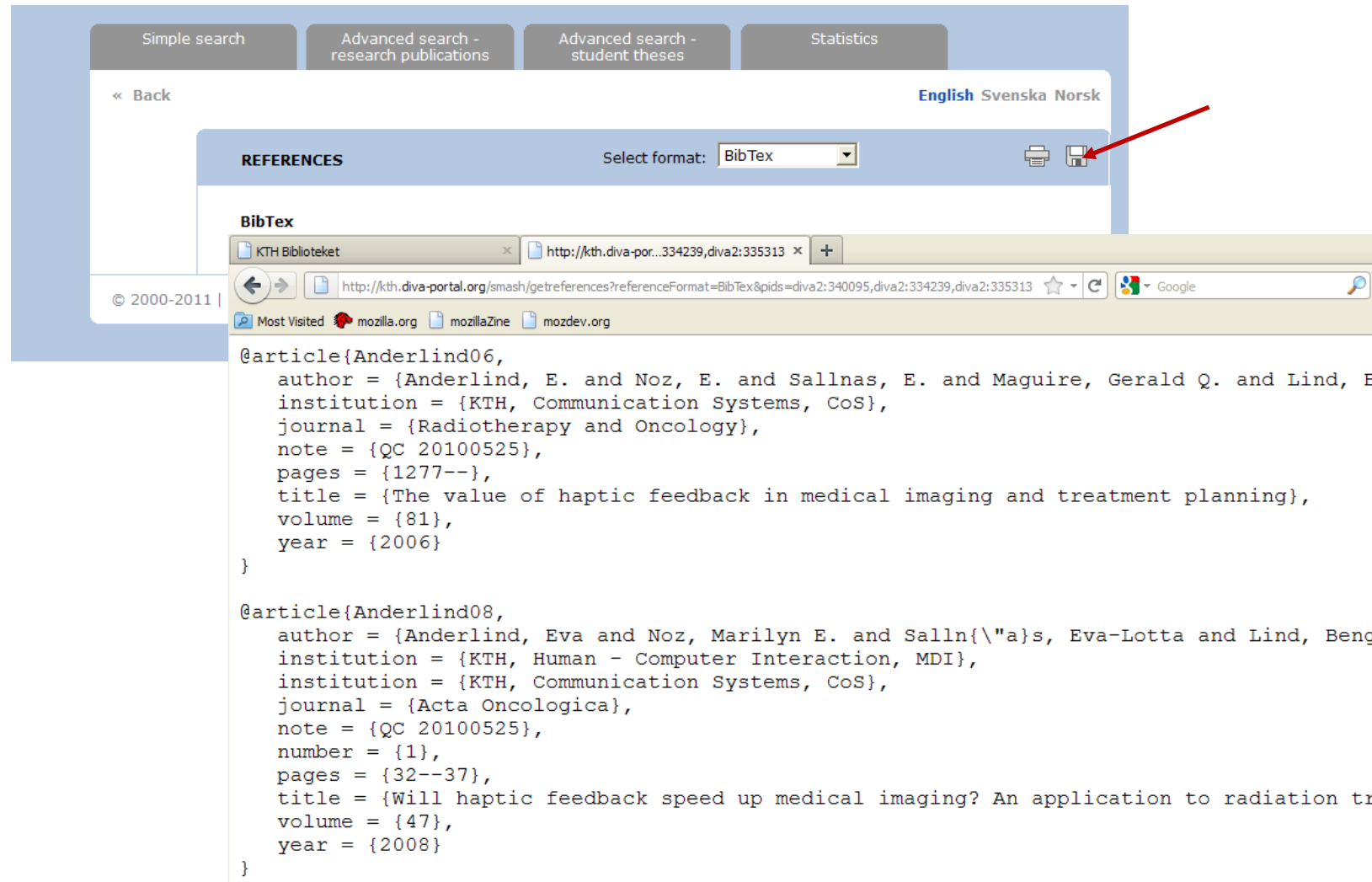
List of hits: Simple search Create new list

1 - 20 of 47 1 2 3 > »

Hits per page: 20

	Author	Title	Organisation	Publication type	Year
<input type="checkbox"/>	1. Ahlin, Lars; et al.	Autonomous Tactical Communications Possibilities and Problems	Signals, Sensors and Systems	Conference paper	199
<input checked="" type="checkbox"/>	2. Aitken, C. L.; et al.	Tumor localization and image registration of F-18FDG coincidence detection scans with computed tomographic scans	Microelectronics and Information Technology, IMIT	Article in journal	200
<input checked="" type="checkbox"/>	3. Anderlind, E.; et al.	The value of haptic feedback in medical imaging and treatment planning	Communication Systems, CoS	Article in journal	200
<input checked="" type="checkbox"/>	4. Anderlind, Eva; et al.	Will haptic feedback speed up medical imaging? An application to radiation treatment planning	Human - Computer Interaction, MDI	Article in journal	200
<input type="checkbox"/>	5. Carrara, Elisabetta	Security for IP multimedia applications over heterogeneous networks	Microelectronics and Information Technology, IMIT	Licentiate thesis, monograph	200
<input type="checkbox"/>	6. Crafoord, J.; et al.	Comparison of two landmark based image registration methods for use with a body atlas	Microelectronics and Information Technology, IMIT	Article in journal	200
<input type="checkbox"/>	7. Delgado, Victor	Exploring the limits of cloud computing	School of Information and Communication Technology (ICT)	Student thesis	201

Zotero + DiVA: multiple documents




The screenshot shows the DiVA portal interface. At the top, there are navigation buttons: "Simple search", "Advanced search - research publications", "Advanced search - student theses", and "Statistics". Below these, there is a "Back" button and language options: "English Svenska Norsk". The main content area is titled "REFERENCES" and includes a "Select format:" dropdown menu set to "BibTeX". To the right of the dropdown are icons for printing and saving. A red arrow points to the save icon. Below the interface, a browser window is open, displaying the BibTeX code for two articles. The browser's address bar shows the URL: <http://kth.diva-portal.org/smash/getreferences?referenceFormat=BibTeX&pids=diva2:340095,diva2:334239,diva2:335313>. The browser's Most Visited list includes mozilla.org, mozillaZine, and mozdev.org.




```
@article{Anderlind06,  
  author = {Anderlind, E. and Noz, E. and Sallnas, E. and Maguire, Gerald Q. and Lind, B  
  institution = {KTH, Communication Systems, CoS},  
  journal = {Radiotherapy and Oncology},  
  note = {QC 20100525},  
  pages = {1277--},  
  title = {The value of haptic feedback in medical imaging and treatment planning},  
  volume = {81},  
  year = {2006}  
}  
  
@article{Anderlind08,  
  author = {Anderlind, Eva and Noz, Marilyn E. and Salln{"a}s, Eva-Lotta and Lind, Beng  
  institution = {KTH, Human - Computer Interaction, MDI},  
  institution = {KTH, Communication Systems, CoS},  
  journal = {Acta Oncologica},  
  note = {QC 20100525},  
  number = {1},  
  pages = {32--37},  
  title = {Will haptic feedback speed up medical imaging? An application to radiation tr  
  volume = {47},  
  year = {2008}  
}
```


CiteULike – export BibTeX, RIS, ...

CiteULike [Search](#) [Register](#) [Log in](#)


Author [Noz:ME] [Articles]  Tags


Export this view in a variety of formats CiteULike by the author Noz:ME.


[Search](#) [Export](#) [Hide Details](#)   


RIS	Export as RIS which can be imported into most citation managers
BibTeX	Export as BibTeX which can be imported into most citation/bibliography managers
PDF	Export formatted citations as PDF
RTF	Export formatted citations as RTF which can be imported into most word processors
Delicious 	Export in format suitable for direct import into delicious.com.
Formatted Text	Export formatted citations as plain text


To insert individual citation into a bibliography in a word-processor, you can open the article, select your preferred citation style and drag-and-drop it into the document.

Time separation as a hidden variable to the Copenhagen school of quantum mechanics
(30 Nov 2010)
by [Y. S. Kim](#), [Marilyn E. Noz](#)
posted to [physics curiosity](#) by [rsalmin](#) on 2010-12-16 08:40:03 ★★  (0)
[Abstract](#) [Copy](#)

Comparison and Evaluation of Retrospective Intermodality Brain Image Registration Techniques
Journal of Computer Assisted Tomography, Vol. 21, No. 4. (1997), pp. 554-568.
by [Jay West](#), [J. Michael Fitzpatrick](#), [Matthew Y. Wang](#), [et al.](#)
posted to [no-tag](#) by [jkmbprq](#) on 2010-10-14 22:19:25 ★★  (0)
[Copy](#)

$\$c\$\text{-number time-energy uncertainty relation in the quark model}$
Physical Review D, Vol. 27, No. 12. (Jun 1983), pp. 3032-3035.
by [D. Han](#), [Marilyn E. Noz](#), [Y. S. Kim](#), [D. Son](#)
posted to [time operator](#) by [naqvd](#) on 2010-09-15 13:37:15 ★★  (0)
[Abstract](#) [Copy](#)

Initial clinical evaluation of radiolabeled MX-DTPA humanized BrE-3 antibody in patients with advanced breast cancer.
Clinical cancer research : an official journal of the American Association for Cancer Research, Vol. 4, No. 7. (July 1998), pp. 1679-1688.
by [E. L. Kramer](#), [L. Liebes](#), [C. Wasserheit](#), [et al.](#)
posted to [no-tag](#) by [nassa0976](#) on 2010-07-12 23:59:37 ★★  (0)
[Abstract](#) [Copy](#)



LIBRIS (libris.kb.se)

The screenshot shows the LIBRIS website interface. At the top, there is a navigation bar with the LIBRIS logo and links for HELP, PÅ SVENSKA, PREFERENCES, MY LIBRARIES, and CLEAR HISTORY. Below this is a secondary navigation bar with tabs for Start, Extended search, Index A-Ö, Boolean, Subdatabases, and Search history. The main content area is divided into two columns. The left column is titled 'Citations' and contains a section 'Create reference of the selected record'. This section includes instructions: 'Choose format', 'Cut and paste', 'or', and 'Click on Save as file'. Below these instructions is a 'Format' dropdown menu currently set to 'Plain text'. A list of 'All formats' is shown in a dropdown: Plain text, Harvard, Oxford, APA, Vancouver, .RIS, BibTex, RefWorks, Bokref/Tidskriftsref, and MARC-XML. A 'Save as file' button is located to the right of the format list. The right column is titled 'Cut and paste' and displays the citation for a record in five different formats: Plain text, Harvard, Oxford, APA, and Vancouver. Below these is the RIS format, which includes fields like TY, A1, T1, AU, Y1, CY, PB, T3, and ER. Finally, the BibTex format is shown as a block of text starting with @book{.

LIBRIS HELP | PÅ SVENSKA | PREFERENCES | MY LIBRARIES | CLEAR HISTORY

Start Extended search Index A-Ö Boolean Subdatabases Search history

Citations

Create reference of the selected record

- Choose format
- Cut and paste
- or
- Click on Save as file

Format: Plain text

All formats: Plain text, Harvard, Oxford, APA, Vancouver, .RIS, BibTex, RefWorks, Bokref/Tidskriftsref, MARC-XML

Save as file

Cut and paste

Plain text
Liu, George Y. - A survey of caching and prefetching techniques in distributed systems / George Liu and Gerald Q. Maguire. - 1994

Harvard
Liu, George Y. & Maguire, Gerald Q. (1994). *A survey of caching and prefetching techniques in distributed systems*. Stockholm: Dept. of Teleinformatics

Oxford
Liu, George Y. & Maguire, Gerald Q., *A survey of caching and prefetching techniques in distributed systems*, Dept. of Teleinformatics, Stockholm, 1994

APA
Liu, G.Y. & Maguire, G.Q. (1994). *A survey of caching and prefetching techniques in distributed systems*. Stockholm: Dept. of Teleinformatics.

Vancouver
Liu GY, Maguire GQ. A survey of caching and prefetching techniques in distributed systems. Stockholm: Dept. of Teleinformatics; 1994.

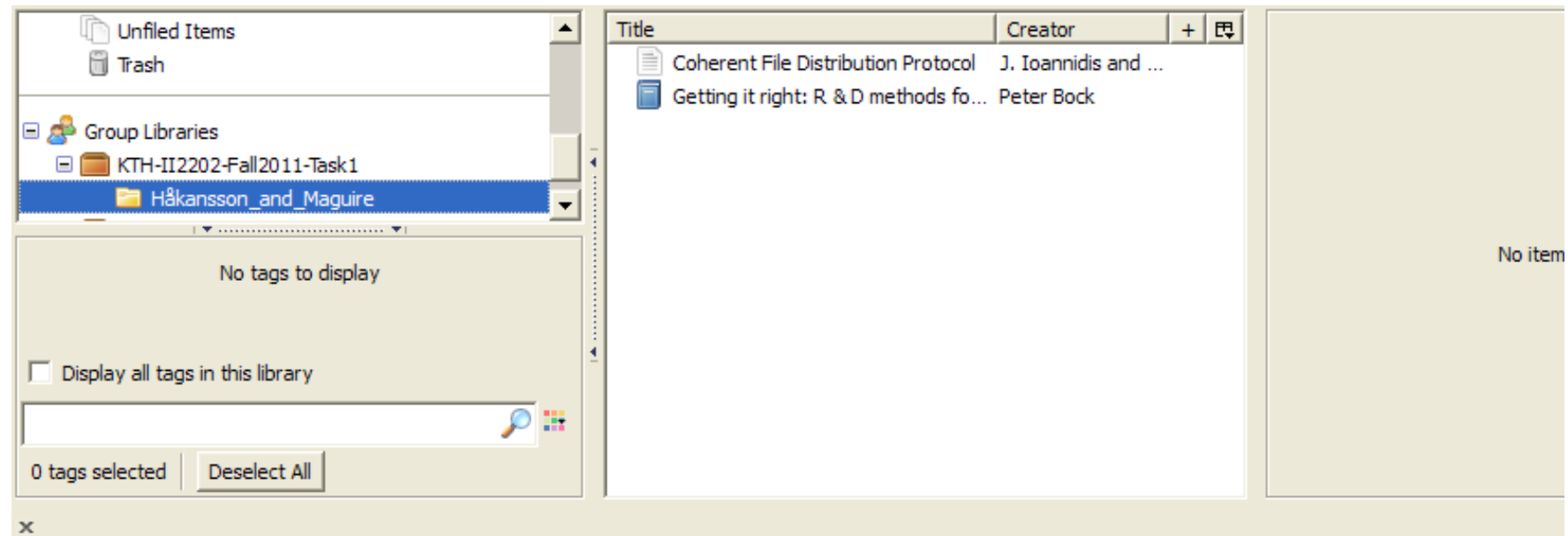
RIS
TY - BOOK
A1 - Liu, George Y.
T1 - A survey of caching and prefetching techniques in distributed systems
AU - Maguire, Gerald Q.
Y1 - 1994
CY - Stockholm
PB - Dept. of Teleinformatics
T3 - Trita-IT, 1103-534X ; 9440
ER -

BibTex
@book{
Liu1994aso,
author={Liu, George Y. and Maguire, Gerald Q.},
title={A survey of caching and prefetching techniques in distributed systems},

Collections and subcollections

- **Not** folders, but rather collections of references
- A reference can be in more than one collection
- Deleting a reference from a *collection* does **not** delete the reference
- Deleting a reference from the **library** does delete the reference!

Group libraries



My groups

[Home](#) > [Groups](#)

Zotero Groups

[Browse All Groups](#) · [Search for Groups](#) · [Create a New Group](#)

My Groups

KTH-II2202-Fall2011-Task1

[Group Library](#)

[Manage Profile](#) · [Manage Members](#) · [Manage Library](#)

Members 1

Description Some references that are used in the example Task1 project plan by Håkansson & Maguire.

Group Type Public, Closed Membership

Group Library Enabled (Anyone can view, only admins can edit)

Wear1

[Group Library](#)

[Manage Profile](#) · [Manage Members](#) · [Manage Library](#)

Members 2

Group Type Private

Group Library Enabled (Only members can view and edit)

KTH-II2202-Fall2011-Task1

<https://www.zotero.org/groups/kth-ii2202-fall2011-task1>

The screenshot shows the Zotero web interface. At the top, there's a navigation bar with the Zotero logo and a user profile for 'gqmaguirejr' with links for 'Settings', 'Inbox', 'Download', and 'Log Out'. Below this is a dark navigation menu with options: 'Home', 'My Library', 'Groups' (selected), 'People', 'Documentation', 'Forums', and 'Get Involved'. A search bar is also present. The main content area shows the breadcrumb 'Home > Groups > KTH-II2202-Fall2011-Task1' and the group title 'KTH-II2202-Fall2011-Task1'.

[Home](#) > [Groups](#) > KTH-II2202-Fall2011-Task1

KTH-II2202-Fall2011-Task1

[Group Library](#) · [Group Settings](#)

Recently Added Items

Title	Updated By	Updated On
Getting it right: R & D methods for science and engineering	gqmaguirejr	2011-08-23 09:35
Coherent File Distribution Protocol	gqmaguirejr	2011-08-23 09:35

See all items for this group in the [Group Library](#).

Recent Group Discussion

[New Discussion](#)

No recent group discussions.

Some references that are used in the example Task1 project plan by Håkansson & Maguire.

- Owner: [gqmaguirejr](#)
- Registered: 2011-08-11
- Type: Public
- Membership: Closed
- Library Access: You can view and edit

Members (1)



Zotero's Duplicate detection (a feature in development)

In your Firefox browse to `about:config`

Then add a new boolean preference:

`Extensions.zotero.debugShowDuplicates`

Set the value to `true`

Restart Firefox

The “gear” menu nows has “Show Duplicates”.

Note that if you invoke this and have a lot of reference it can take a **long** time!

Endnote X5

- A product of Thomson Reuters for Microsoft Windows and Apple Mac OS X
- Details at <http://www.endnote.com/>

See also:

Brian Croxall, Zotero vs. EndNote, The Chronicle of Higher Education, 3 May 2011, 11:00 am, <http://chronicle.com/blogs/profhacker/zotero-vs-endnote/33157>

Other bibliography/reference tools

- LibX – www.libx.org – browser plugin
- JabRef – Java based tool – utilizes BibTeX format <http://jabref.sourceforge.net/>
- BibDesk – for Mac OS X <http://bibdesk.sourceforge.net>
- Mendeley - free reference manager, but not open source (a social network – hence your data is **shared**) <http://www.mendeley.com/>

See: Julie Meloni, “Using Mendeley for Research Management”, A blog entry from ProfHacker - The Chronicle of Higher Education, 19 July 2010, <http://chronicle.com/blogs/profhacker/using-mendeley-for-research-management/25627>

Export references from Zotero

- Royce Kimmons has taken advantage of Zotero's use of SQLite to export references to Excel <http://kimmonsdesign.com/node/24>
- Robert Vesco. "Using R to Extract Excel/csv File of Citation Data from Zotero", <http://www.robertvesco.com/2011/07/technology/using-r-to-extract-excelcsv-file-of-citation-data-zotero.html>
- Matthias Wjst. "PDF rename based on Zotero entry", <http://www.wjst.de/blog/blog/2008/01/17/pdf-rename-based-on-zotero-entry/>
(example using PERL)

Learning

To move from novice learner to expert learner requires applying three principles:

- Intentionality – attention and deliberation
- Reflection – thinking about what worked and what did not work and why
- Accountability – being responsible for what you do, say, write, ...

Mark Sample, “Learning Through Digital Media: Sharing Research and Building Knowledge through Zotero”, Blog entry, Learning Through Digital Media: Experiments in Technology and Pedagogy as part of Mobility Shifts: an International Future of Learning Summit (editor R. Trebor Scholz), <http://learningthroughdigitalmedia.net/sharing-research-and-building-knowledge-through-zotero>

Artisan versus Virtuoso

From **artisan** (highly competent experts) to **virtuoso** (going beyond what they already expertly know to push the state of the art \Rightarrow knowing which rules to break)

\Rightarrow Use **metacognition** to become an expert

see page 50, in Chapter 2: How Experts Differ from Novices, in John Bransford, Ann L. Brown, and Rodney R. Cocking (Editors), *How people learn: brain, mind, experience, and school*, Expanded ed., Commission on Behavioral and Social Sciences and Education, National Research Council, National Academy Press, Washington D.C., USA, 2000, ISBN 978-0-309-07036-2, http://books.nap.edu/catalog.php?record_id=9853

Conclusions

- Carefully select your tools
- Learn to use your tool well (and safely)
- When you truly master the tool, then you can “make” it do what you need to do

References

1. Dennis Meredith, *Explaining Research: How to reach key audience to advance your work*, Oxford University Press, 2010, ISBN 978-0-19-973205-0
2. OoLatex Home Page, Last update 15 November 2007, <http://ooohatex.sourceforge.net/>
3. Brian Croxall, Zotero vs. EndNote, *The Chronicle of Higher Education*, 3 May 2011, 11:00 am, <http://chronicle.com/blogs/profhacker/zotero-vs-endnote/33157>
4. Julie Meloni, "Using Mendeley for Research Management", A blog entry from ProfHacker - The Chronicle of Higher Education, 19 July 2010, <http://chronicle.com/blogs/profhacker/using-mendeley-for-research-management/25627>
5. Mark Sample, "Learning Through Digital Media: Sharing Research and Building Knowledge through Zotero", Blog entry, *Learning Through Digital Media: Experiments in Technology and Pedagogy as part of Mobility Shifts: an International Future of Learning Summit* (editor R. Trebor Scholz), <http://learningthroughdigitalmedia.net/sharing-research-and-building-knowledge-through-zotero>
6. John Bransford, Ann L. Brown, and Rodney R. Cocking (Editors), *How people learn: brain, mind, experience, and school*, Expanded ed., Commission on Behavioral and Social Sciences and Education, National Research Council, National Academy Press, Washington D.C., USA, 2000, ISBN 978-0-309-07036-2, http://books.nap.edu/catalog.php?record_id=9853
7. Jason Friedman. Zotero / BibTeX tips [Internet]. 2010 Mar 12 [cited 2011 Aug 15]; Available from: <http://www.curiousjason.com/zoterotobibtex.html>
8. Royce Kimmons. "Tutorial: Exporting Zotero to Excel", March 26, 2010. <http://kimmonsdesign.com/node/24>
9. Robert Vesco. "Using R to Extract Excel/csv File of Citation Data from Zotero" July 15, 2011. <http://www.robertvesco.com/2011/07/technology/using-r-to-extract-excelcsv-file-of-citation-data-zotero.html>
10. Matthias Wjst. "PDF rename based on Zotero entry", January 17, 2008. <http://www.wjst.de/blog/blog/2008/01/17/pdf-rename-based-on-zotero-entry/>
11. "Zotero Style Repository", last access 2011.08.25, <http://www.zotero.org/styles>
12. Cornelis Pieters. "Quick Start Guide for Creating Zotero Citation Styles", June 26, 2011. <http://www.condast.com/zotero/>
13. "CSL 0.8.1 Syntax Overview." dev:citation_styles:cs1_0.8.1_syntax [Zotero Documentation], last access 2011.08.25, http://www.zotero.org/support/dev/citation_styles/csl_0.8.1_syntax

¿Questions?