Managing and discovering research papers like music?

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We are 13 researchers, graduates and software developers from...

...backed by co-founders and former executives of:
“Traditional” research apps: metadata vs. content
“Traditional” research apps: metadata vs. content

RefMan
“Traditional” research apps: metadata vs. content

Refworks
Howison & Goodrum (2004) asked:

Why can’t I manage academic papers like MP3s?  
The evolution and intent of Metadata standards

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UMUC Colleges, Code and Copyright, June 2004

Abstract

This paper considers the deceptively simple question: Why can’t downloaded academic papers be managed in the simple and effective manner in which digital music files are managed? We make the case that there is different treatments of metadata. Two key differences are identified. Firstly,
Music apps: metadata & content unified

iTunes
A step in the right direction:

Mekentosj Papers (Mac only)
Music apps 2.0: metadata & content & real-time usage data unified

Top Artists on Last.fm

- Radiohead
- The Beatles
- Coldplay
- Death Cab for Cutie
- Modest Mouse
- Kanye West
- The Killers
- Beck
- Animal Collective
- Weezer
- MGMT
- The Shins

Top Tags on Last.fm
- rock
- live
- indie
- electronic
- punk
- pop
- country
- industrial
- classical
- world
- jazz
- rnb

Last.fm
Last.fm works like this:

1) Install „Audioscrobbler“
2) Listen to music
3) Last.fm builds your music profile... and the world’s biggest open music database
Last.fm lets you discover:

1) Stats about your own music library
Last.fm lets you discover:

1) Stats about your own music library
2) Listening stats, top tracks and similar artists for your favourite bands
Last.fm lets you discover:

1) Stats about your own music library
2) Listening stats, top tracks and similar artists for your favourite bands
3) Discussions, recommendations, similar tracks for 80 million songs
Last.fm lets you discover:

1) Stats about your own music library
2) Listening stats, top tracks and similar artists for your favourite bands
3) Discussions, recommendations, similar tracks for 80 million songs
4) Trends and charts for each genre
Last.fm lets you discover:

1) Stats about your own **music library**
2) Listening stats, top tracks and similar **artists** for your favourite bands
3) Discussions, recommendations, similar tracks for 80 million **songs**
4) Trends and charts for each **genre**
MENDELEY = Last.fm for RESEARCH

music library → research library
artists → researchers
songs → papers
genres → disciplines
Manage, share, read and annotate your research papers – both on the desktop and online...

...and discover research trends, like-minded academics, and get research paper recommendations
Latest journal ranking in the biological sciences

Welcome Cameron Neylon

Research Statistics

Most read publication outlets in Biological Sciences (updated daily):

1. Nature 265 readers
2. Science 255 readers
3. Cell 163 readers
4. Journal of Biological Chemistry 140 readers
5. PLoS ONE 122 readers

Screenshot from my Mendeley web lab

PLoS ONE at number 5 ranking of Most Read Biological Sciences Journal at Mendeley :) http://tinyurl.com/dll dao

About 12 hours ago from web

p_binfield
A visual history of our UI
A visual history of our UI

10/2006 MOCK-up
A visual history of our UI
A visual history of our UI
A visual history of our UI

07/2007 1st CLICKABLE GUI
A visual history of our UI

### Disciplines
- Humanities
- Mathematics and computer sciences
- Natural science
- Professions and applied sciences
- Social science

### Authors
- Bergmark, Donna
- Merz, Tom
- Salton, George

### Table of contents
- Bergmark, D. Cited Documents as Concept Symbols in Multilingual Environments. Social Studies of Science (2005)
- Lawrence, S. Autonomous Citation Matching. Digital Research Magazine (2002)

07/2007 2nd CLICKABLE GUI
A visual history of our UI

08/2007 1st Functional Prototype
A visual history of our UI

08/2007 2nd Functional Prototype
A visual history of our UI.
A visual history of our UI

08/2007 4th functional prototype
A visual history of our UI

08/2007 5th Functional Prototype
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08/2007 6th Functional Prototype
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10/2007 7th Functional Prototype
A visual history of our UI

10/2007 8th FUNCTIONAL PROTOTYPE
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First "in-house" version 12/2008 v.0.6.0
A visual history of our UI
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Consumer File Sharing of Motion Pictures

Illegal consumer file sharing of motion pictures is considered a major threat to the movie industry. Whereas industry analysts and some scholars postulate a cannibalistic effect on commercial terms of movie consumption, other researchers deny this effect, though there is evidence to the contrary on both sides. Drawing on extant research and utility theory, the authors present hypotheses on the consequences and determinants of consumer file sharing, in line with data from a controlled longitudinal panel study of German consumers. The data contain information on the consumers' attendance toward and actual behavior in relation to the consumption of 20 new motion pictures. To identify the determinants of consumer file sharing, the authors apply a combination of regression estimations and partial least square structural equation modeling. They find evidence of substantial cannibalization of theater visits, DVD rentals, and DVD purchases, responsible for annual revenue losses of $300 million in Germany. Five categories of file sharing behavior drive file sharing and have a significant impact on how consumers obtain and watch illegal movie copies.

For since the advent of Internet file-sharing services and the parallel sharp decline of the music industry’s worldwide sales, movie executives have found that their industry would be similarly affected by illegal file-sharing (the “Lamott 2003”). Recent figures show that approximately 130 million movies are downloaded each day through file-sharing networks in the United States alone (Motion Picture Association of America [MPAA], 2004) and movie theater admissions in 2008 fell by 8% in the United States and even more in other major markets. Against this backdrop, the MPAA (2004) states that illegal movie trafficking represents the greatest threat to the economic health of the movie industry and vows to “track and eliminate” illegal file sharing. More recent reports suggest that illegal file sharing has already caused a significant decline in movie studio revenue.

Consumer file sharing is a growing threat to the movie industry. The industry is losing revenue due to the illegal downloading of movies. The authors of the paper hypothesize that consumer file sharing has a significant impact on movie theater attendance, DVD rentals, and DVD purchases. They find evidence of substantial cannibalization of theater visits, DVD rentals, and DVD purchases responsible for annual revenue losses of $300 million in Germany.
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THANK YOU!