

Information  
Technology,  
Participatory  
Librarianship, and  
Educating LIS  
Professionals

R. David Lankes  
OITP Fellow  
[ptbed.org](http://ptbed.org)





# Inspiration and Innovation

“The Past: Our cradle,  
not our prison; there is  
danger as well as  
appeal in its glamour.  
The past is for  
inspiration, not  
imitation, for  
continuation, not  
repetition.”

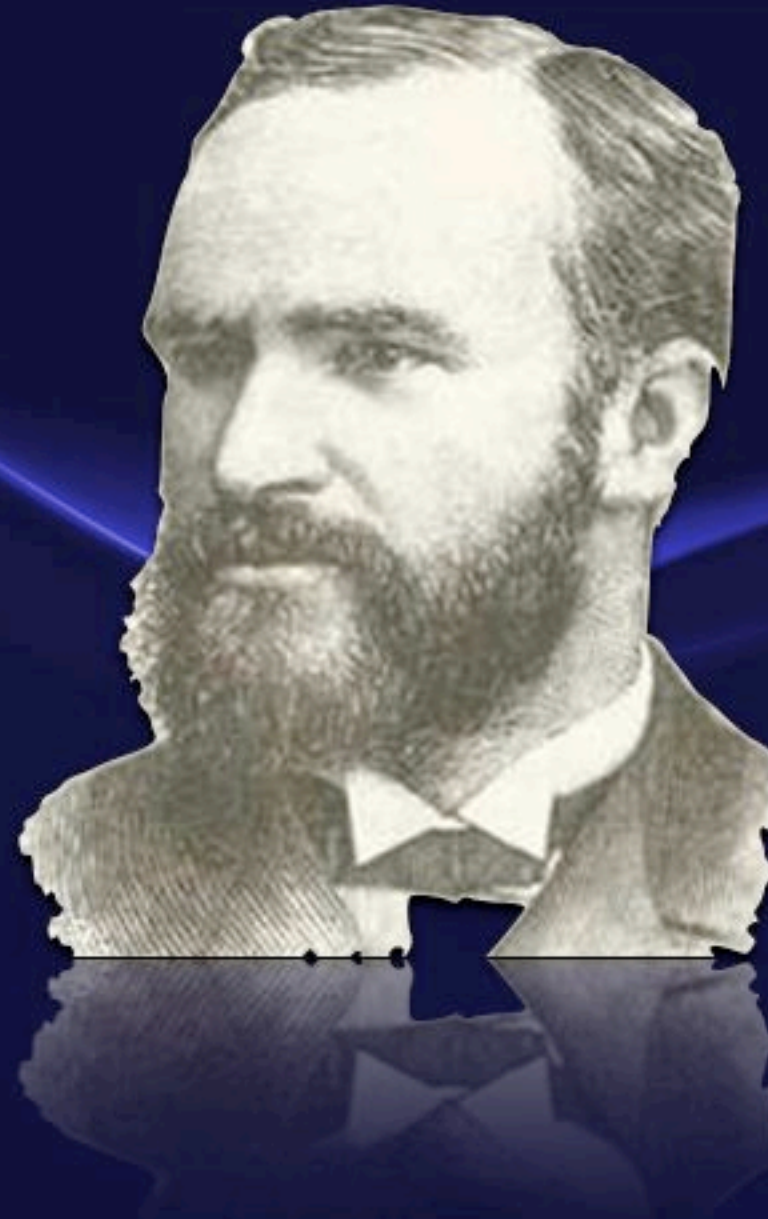
-Israel Zangwill





# The Dewey-Level Shift

- Pressure for Participation
- Massive Scale Information
- Closer to the Knowledge Creation Process
- All Part of the Library Endeavor Must be Ready for Radical Change



Knowledge is  
Created through  
Conversation



Knowledge is  
Created through  
Conversation

Artifacts as  
Secondary  
Objects





Knowledge is  
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Artifacts as  
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Libraries in  
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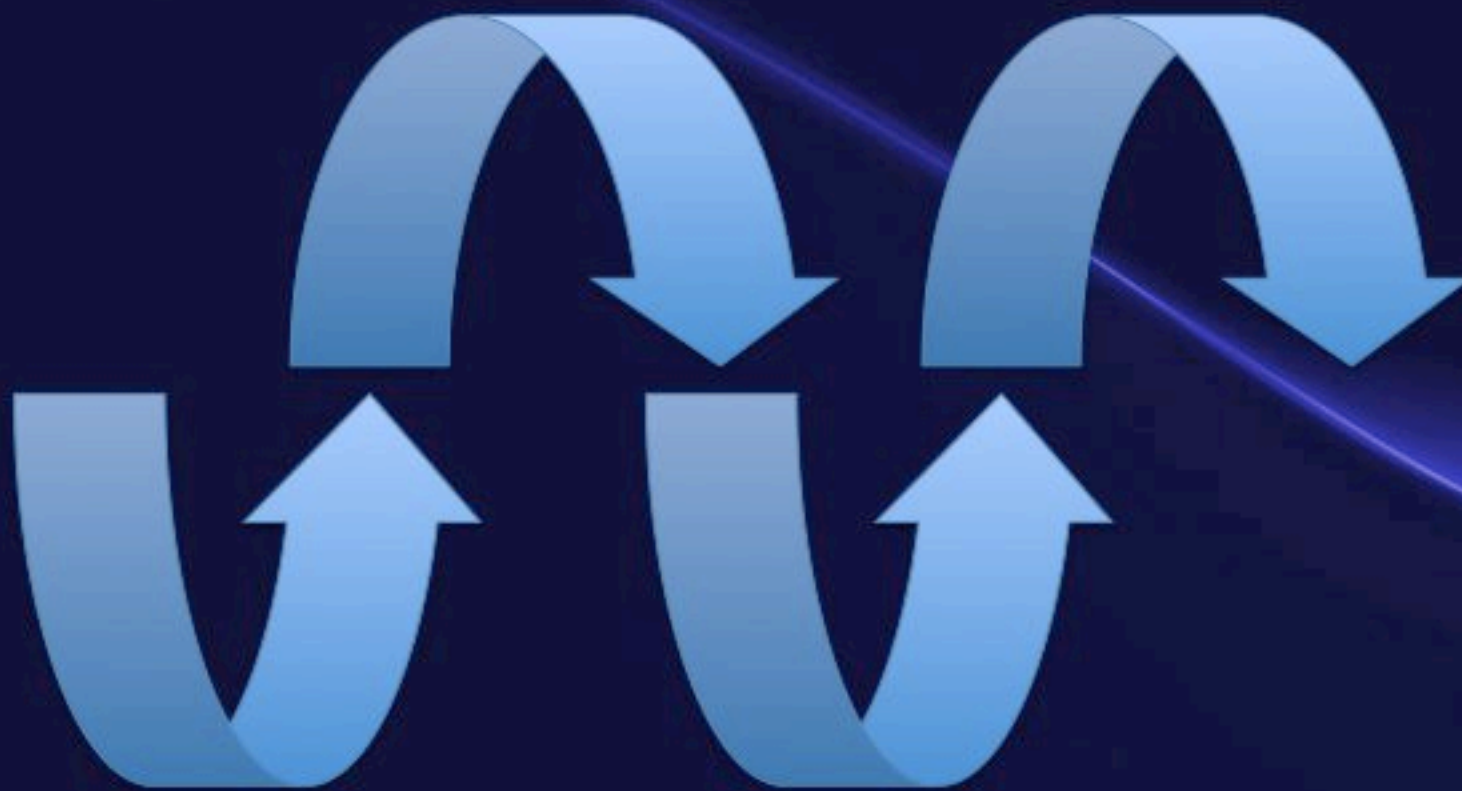




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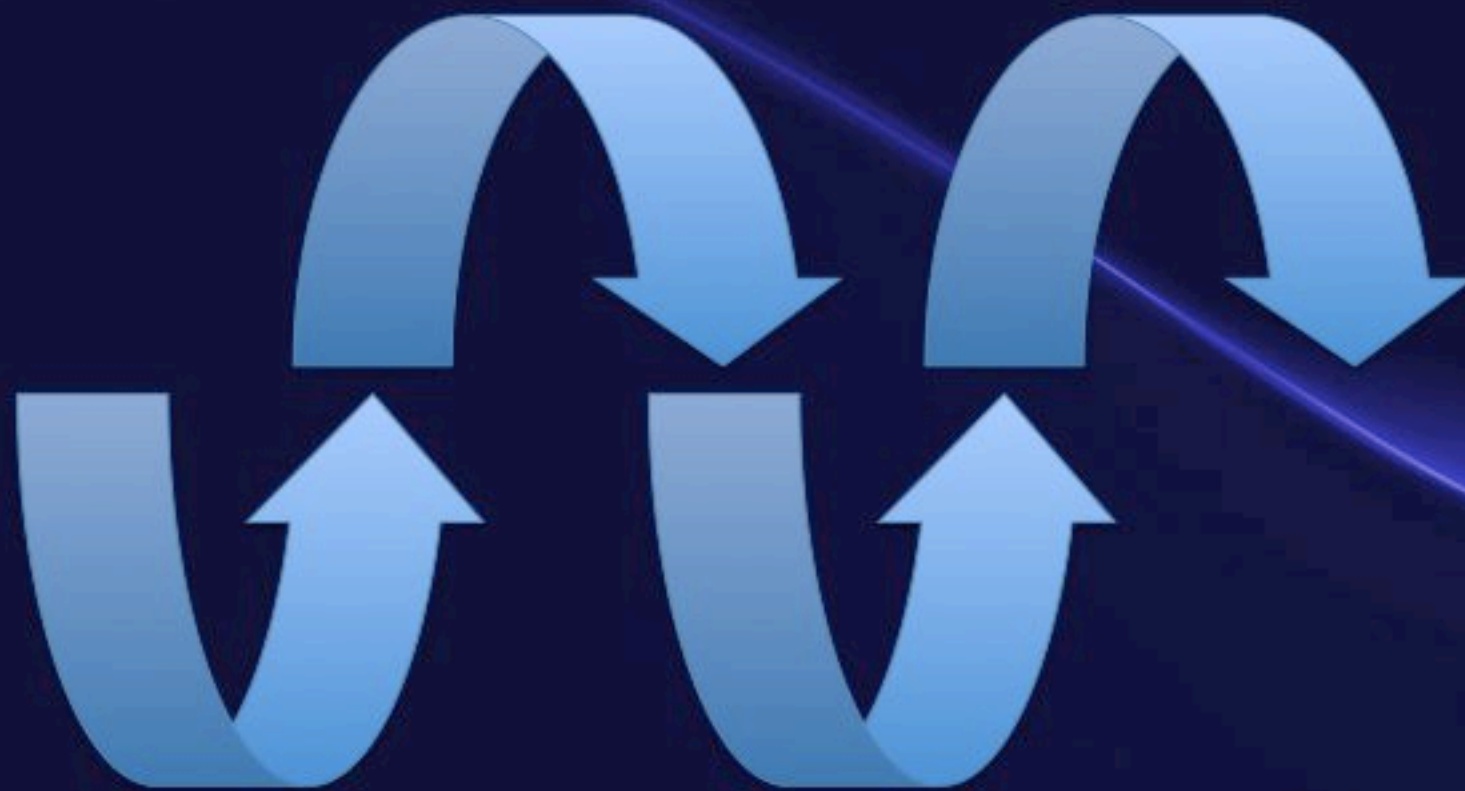




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Reference

Reserves

DOJ/  
Free Library

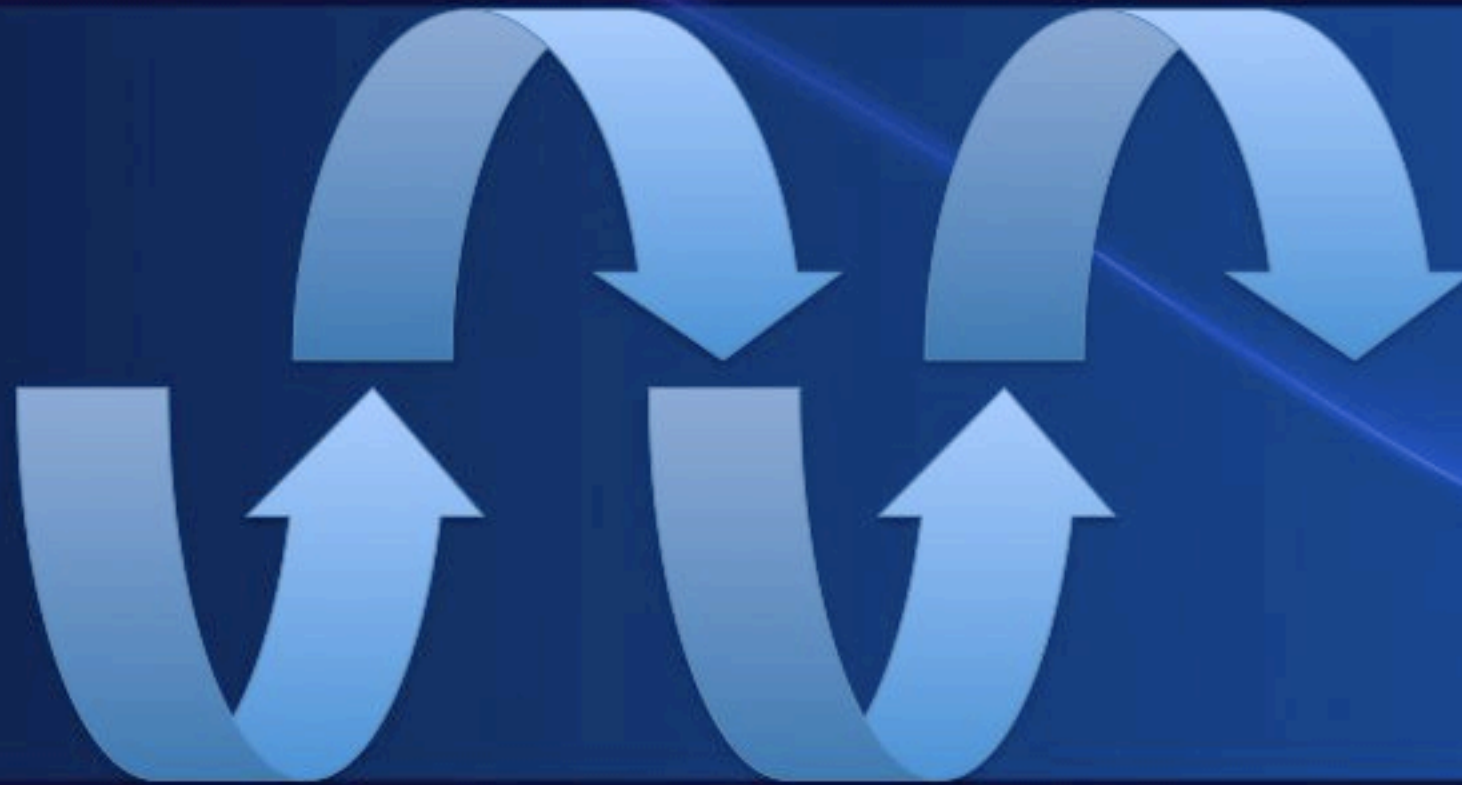




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LIS Education





# Knowledge is Created Through Conversation

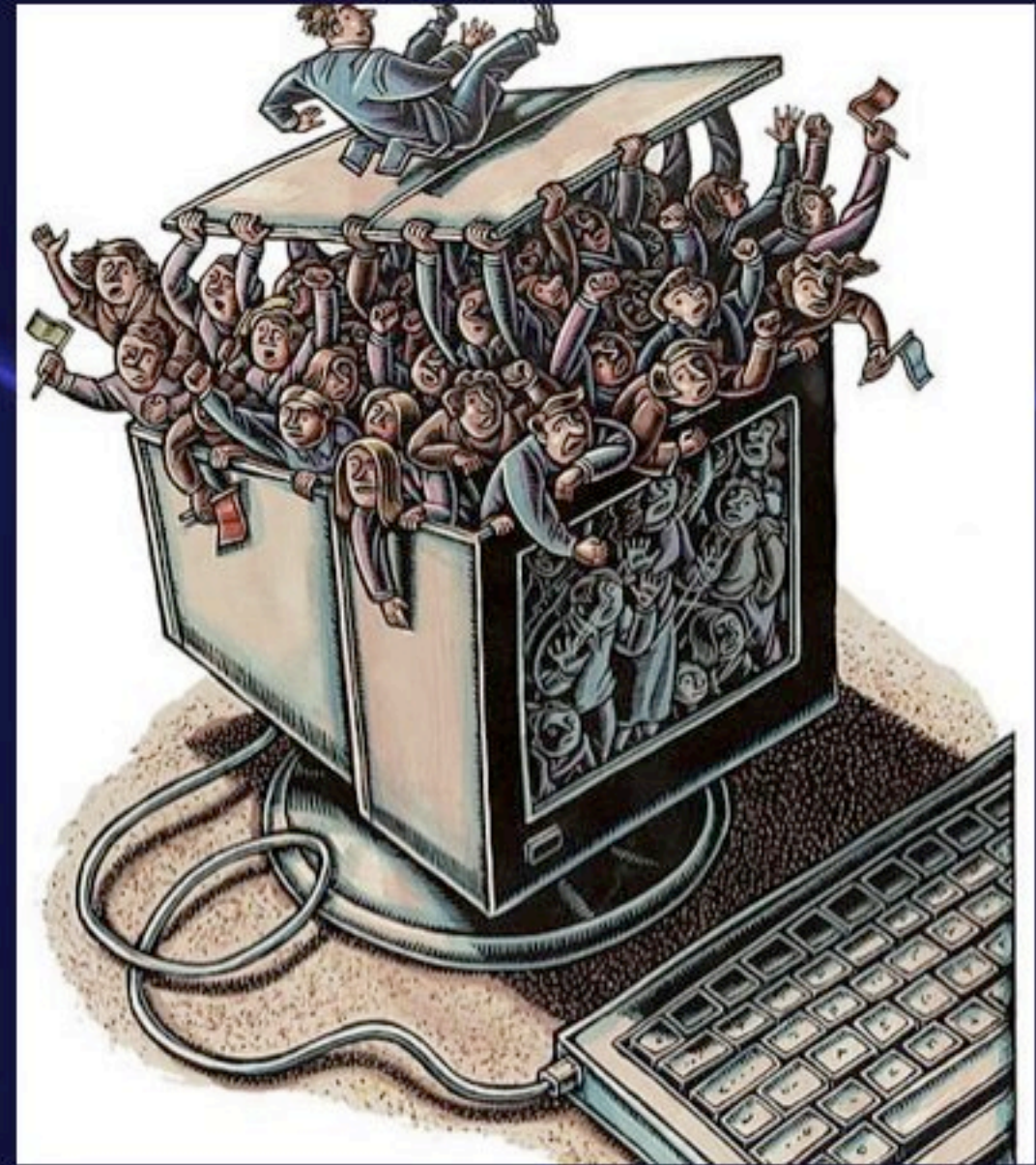
- Conversation Theory
  - Cognizing Agents Forming Agreements
  - Multiple Levels of Language
  - Creation of Entailment Meshes





# The Pressure to Participate

- People Need to be Active Constructors of their Knowledge
- They Want Tools that Allow and Facilitate Conversation and Participation





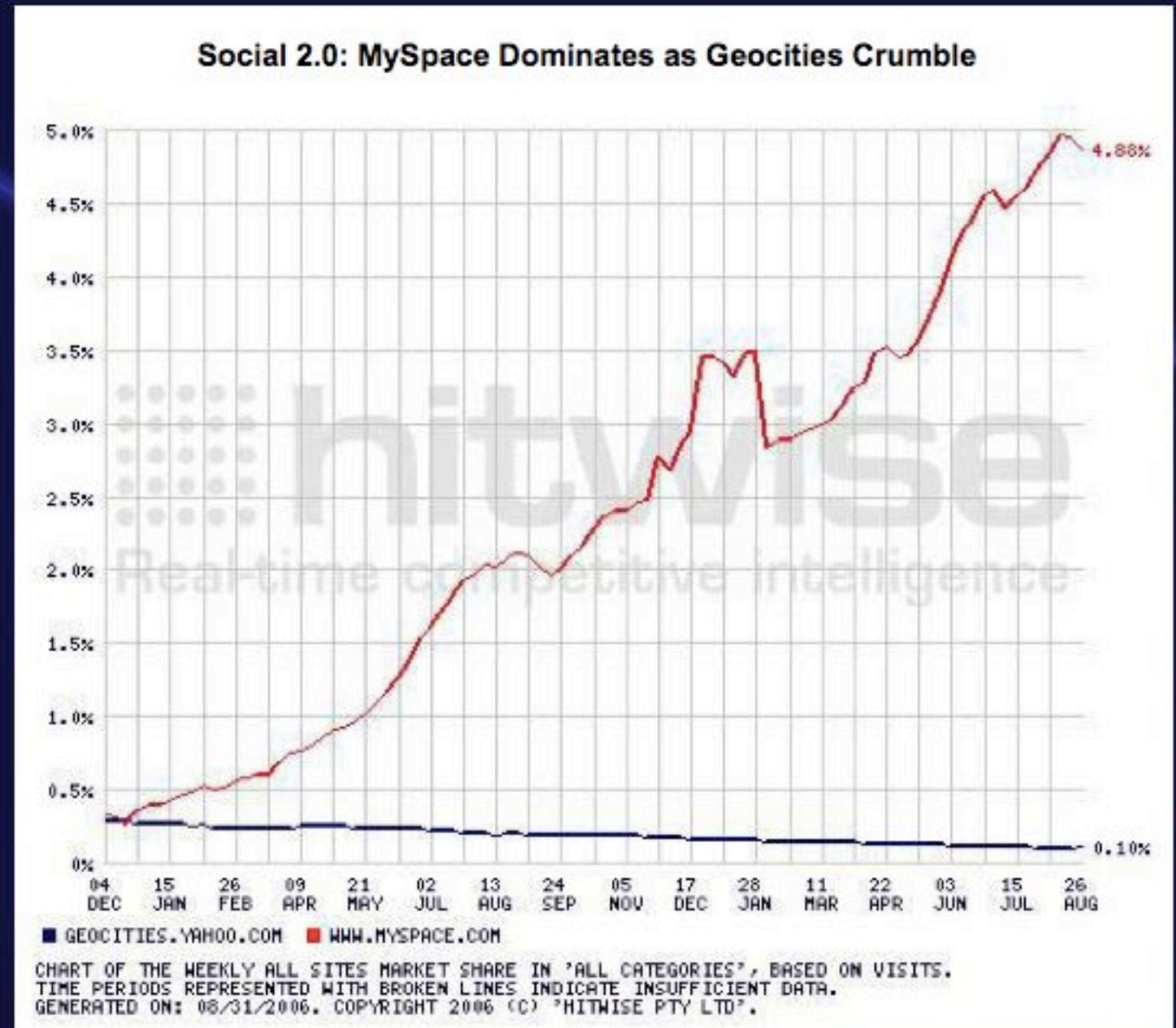
# Users go to Participation

- This is DIFFERENT than Users being Attracted to “Good Enough”
- Web 2.0 Tools Allow Participation
- Web 3.0, 4.0, 5.0 Will Even More So



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Reference 2.0: Wikipedia Soars as Encarta Dwindles

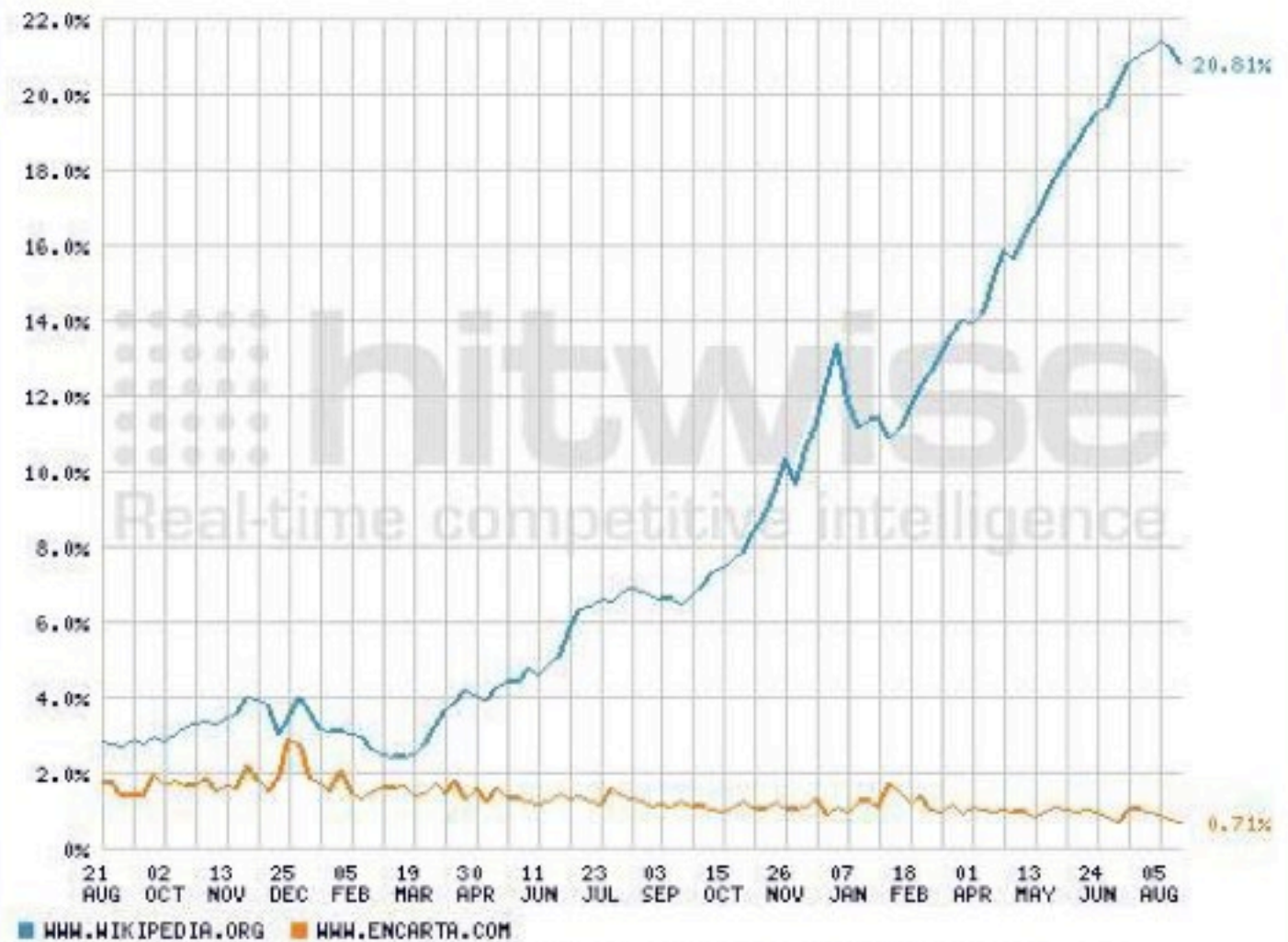


CHART OF THE WEEKLY ALL SITES MARKET SHARE IN 'EDUCATION - REFERENCE', BASED ON VISITS. TIME PERIODS REPRESENTED WITH BROKEN LINES INDICATE INSUFFICIENT DATA. GENERATED ON: 08/25/2006. COPYRIGHT 2006 (C) HITWISE PTY LTD.





# Participatory Systems



- Special Thanks to: Jeff Penka, Paula Rumbaugh, Susan McGlamery, Tam Dalrymple















Spotlight rich girl

- Show All
- Top Hit: Gwen Stefani - Rich Girl (fea...
- Documents: The Truth Behind Costco Ca...  
mygraph.xml  
saveResult.xml
- Messages: HURRY!!! Join The Best Gold ...  
HURRY!!! Join The Best Gold ...  
HURRY!!! Join The Best Gold ...  
Re: Hello from a Former Stu...
- Images: 0391 Adobe ID 099ASP9440...  
0143 Adobe ID 164ASP9440...  
0099 Adobe ID 099ASPea36...  
0136 Adobe ID 099ASPea36...
- PDF Documents: RG.pdf — 192823  
RG.pdf — 192818  
RG.pdf — 192811
- Webpages: Gwen Stefani - Rich Girl (fea...  
Dee Bradley Baker  
The Internet Movie Database...
- Music: 02 Rich Girl.mp3 — 192823  
02 Rich Girl.mp3 — 192818  
**02 Rich Girl.mp3 — 192811**





Rich Girl



Rich Girl





- Artist: Gwen Stefani +
- Artist: Eve +
- Album: Love, Angel, Music, Baby +
- Release Date: 2004 +

Rich Girl



Rich Girl

Album: Love,Angel, Music, Baby +



Love,Angel, Music, Baby





**Spotlight** [Close]

Friends

- Show All
- Anna Maria
- Jeff Penka
- Joe Janes
- Donna Dinberg
- Steve Job

Homework Helper

- Math Tutor
- English Tutor
- Social Studies Tutor
- Science Tutor
- History Tutor

Librarians

Check this box to make this session anonymous. [Please click here for explanation.](#)

**Name (required)**  
[Text Input]

**Email Address**  
[Text Input]

**Confirm Email Address**  
[Text Input]

**Your Question**  
[Text Area]

**Connect** [Icon] **Exit** [Icon]

Hey Jeff, do you know where I can find the lyrics to this song?



Rich Girl

Album: Love,Angel, Music, Baby +



Love,Angel, Music, Baby

Input field for chat messages with a smiley face icon on the right.



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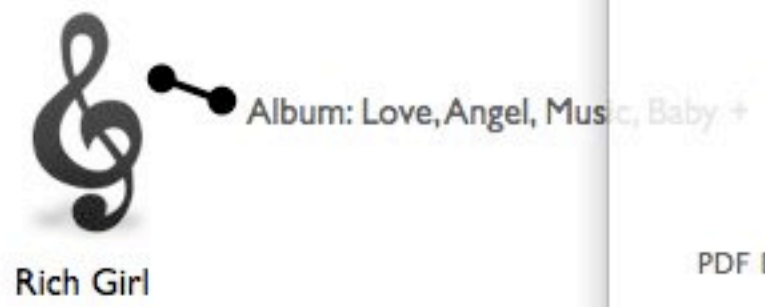
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Hold on...



Input field with smiley icon



Spotlight rich girl lyrics

Show All

Top Hit Gwen Stefani - Rich Girl (fea...)

Documents

- RichMan Example
- mygraph.xml
- QP001-050.doc — 190433
- QP001-050.doc — 190426
- June URLs.xls — 190278
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- Gwen Stefani - Rich Girl (fea...
- Here Comes Another Bubble...
- Fiddler on the Roof - Wikip...
- Gwen Stefani - Rich Girl (fea...
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Spotlight Preferences...



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Love,Angel, Music, Baby

|





Hey Jeff, do you know where I can find the lyrics to this song?



Hold on...



Here's a Scape someone did on the lyrics, I'll bring it in.



Album: Lov

Na, na  
[2x]

If I was a rich girl (na, na....)  
See, I'd have all the money in the world, if I was a wealthy girl  
No man could test me, impress me, my cash flow would never ever end  
Cause I'd have all the money in the world, if I was a wealthy girl

Think what that money could bring  
I'd buy everything  
Clean out Vivienne Westwood  
In my Galliano gown  
No, wouldn't just have one hood  
A Hollywood mansion if I could  
Please book me first-class to my fancy house in London town

All the riches baby, won't mean anything  
All the riches baby, won't bring what your love can bring  
All the riches baby, won't mean anything  
Don't need no other baby  
Your lovin' is better than gold, and I know

If I was rich girl (na, na...)  
See, I'd have all the money in the world, if I was a wealthy girl  
No man could test me, impress me, my cash flow would never ever end  
Cause I'd have all the money in the world, if I was a wealthy girl

I'd get me four Harajuku girls to (uh huh)  
Inspire me and they'd come to my rescue  
I'd dress them wicked, I'd give them names (yeah)  
Love, Angel, Music, Baby  
Hurry up and come and save me

All the riches baby, won't mean anything  
All the riches baby, won't bring what your love can bring  
All the riches baby, won't mean anything  
Don't need no other baby  
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[Eve]  
Come together all over the world  
From the hoods of Japan, Harajuku girls  
What, it's all love  
What, give it up  
What (shouldn't matter 4x) what

Hey Jeff, do you know where I can find the lyrics to this song?



Hold on...



Here's a Scape someone did on the lyrics, I'll bring it in.



Rich Girl

Album: Love,Angel, Music, Baby +



Love,Angel, Music, Baby



- "In my Galliano gown" +
- "I'd get me four Harajuku girls to (uh huh)" +
- "Clean out Vivienne Westwood" +
- "See Stefani and her L.A.M.B., I rock the Fetish" +

Input field for chat messages with a smiley face icon on the right.



Chat with AOLYellowPages

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Love,Angel, Music, Baby



"In my Galliano gown" +

"I'd get me four Harajuku girls to (uh huh)" +

"Clean out Vivienne Westwood" +

"See Stefani and her L.A.M.B., I rock the Fetish" +

Stefani Back up Dancers +



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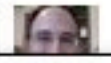


Hold on...



Here's a Scape someone did on the lyrics, I'll bring it in.

Cool, but I know I've heard some



Hi...do y

Actually from

I'll g

### ADD NODE

Text:

Normal 3 Times New Roman

Rich text editor toolbar with icons for bold, italic, underline, list, link, unlink, undo, redo, insert link, insert image, insert video, insert audio, insert table, insert code, source code, preview, and help.

Empty text input area.

Select a Node to Add

- Add From Catalog
- Add From Amazon
- Add From LibraryThing
- Add From Database
- Add GoogleMap
- Add Google Search
- Add URL
- Upload Item
- Add Conversation
- Add Person Add Question



[http://en.wikipedia.org/wiki/Harajuku\\_Girls](http://en.wikipedia.org/wiki/Harajuku_Girls)

Chat input field with a smiley face icon on the right.



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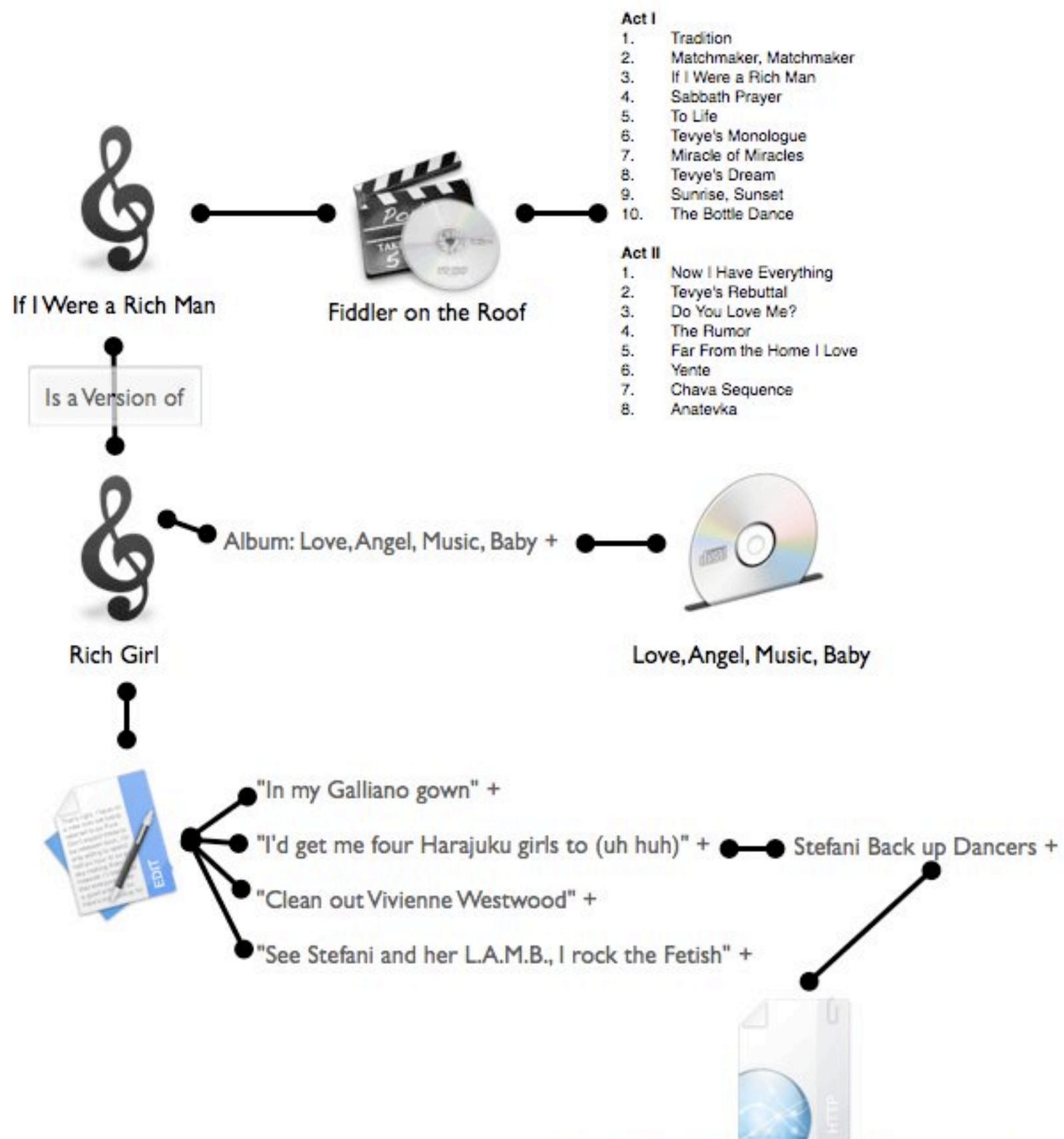
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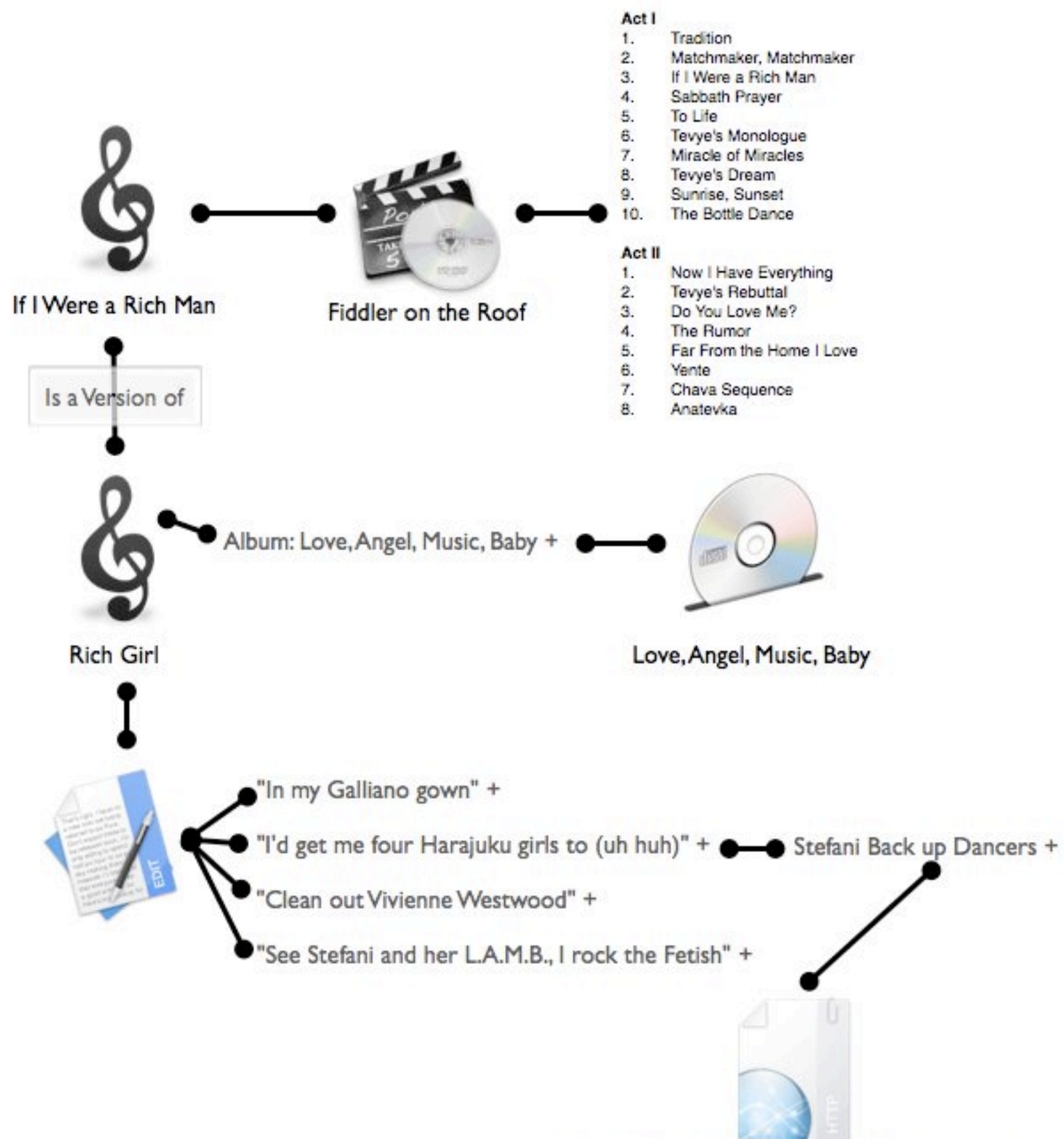
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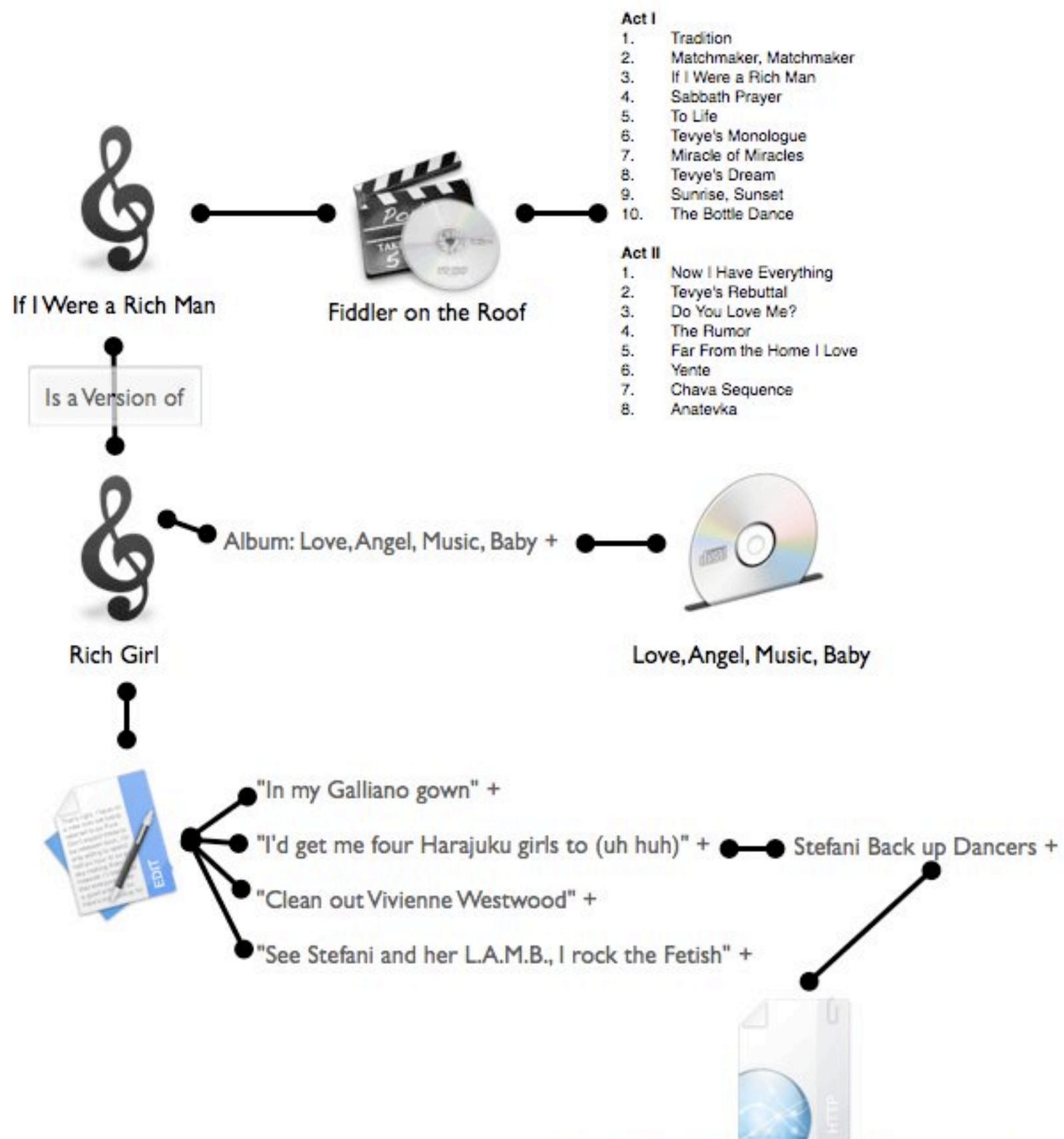
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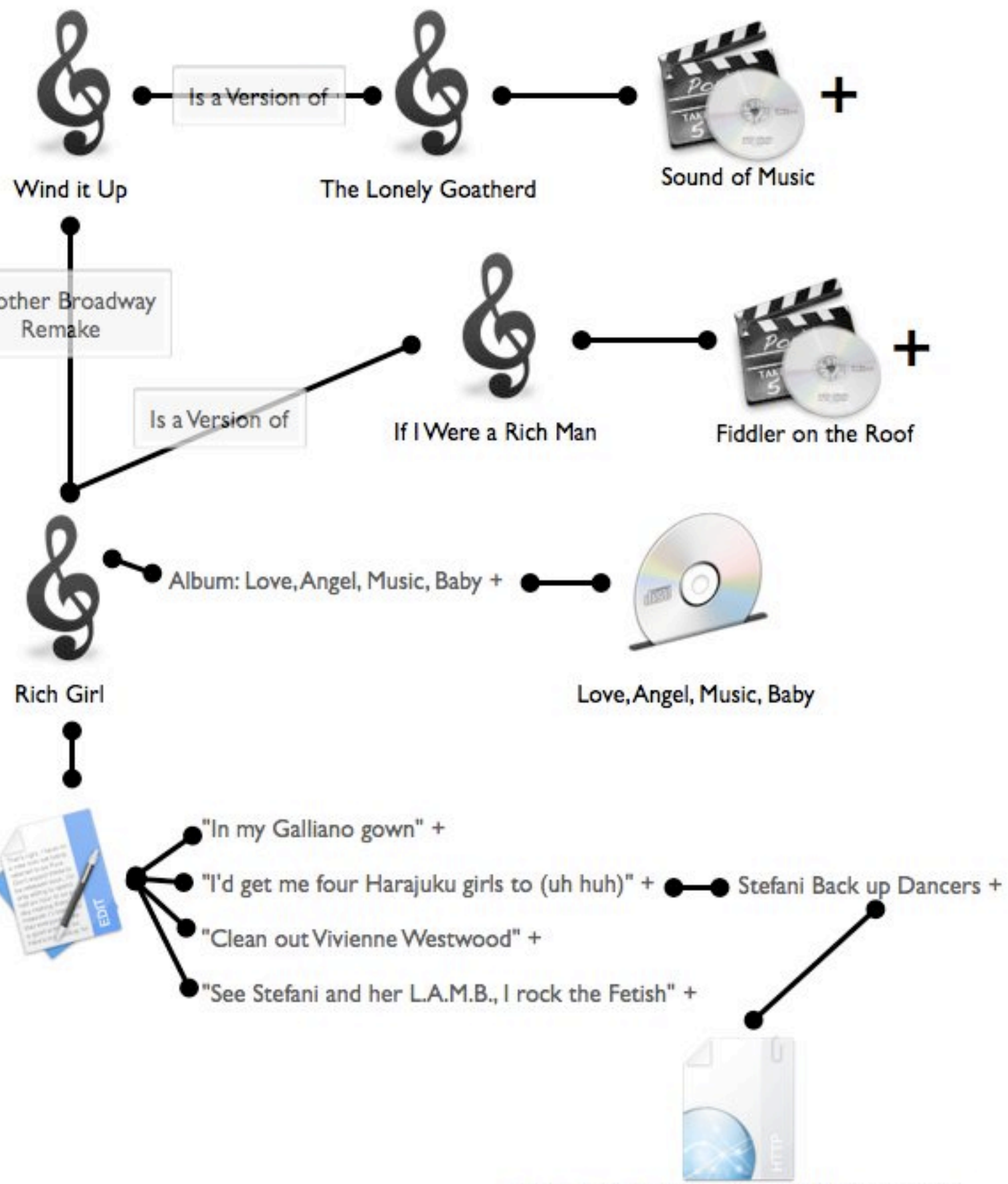
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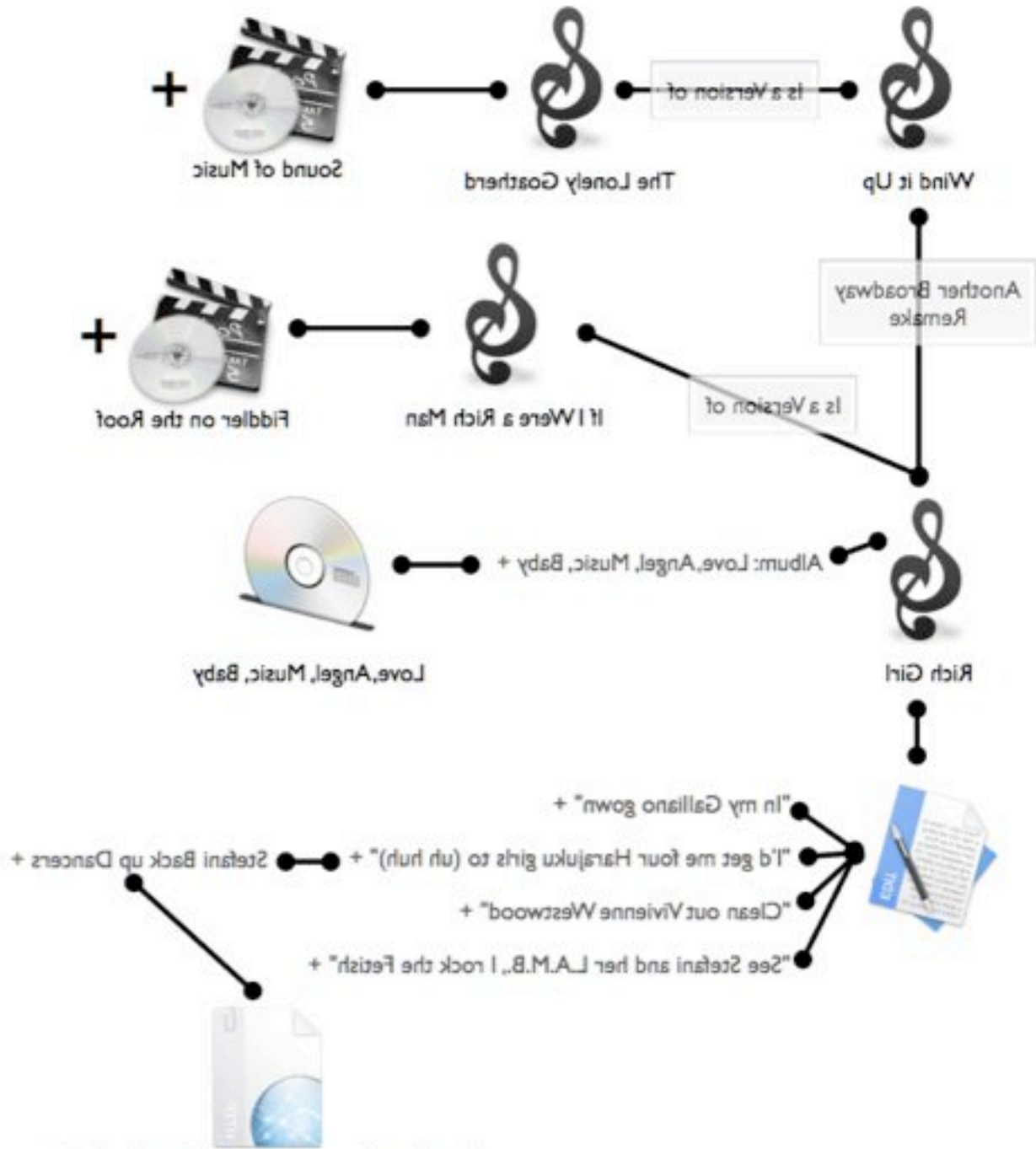
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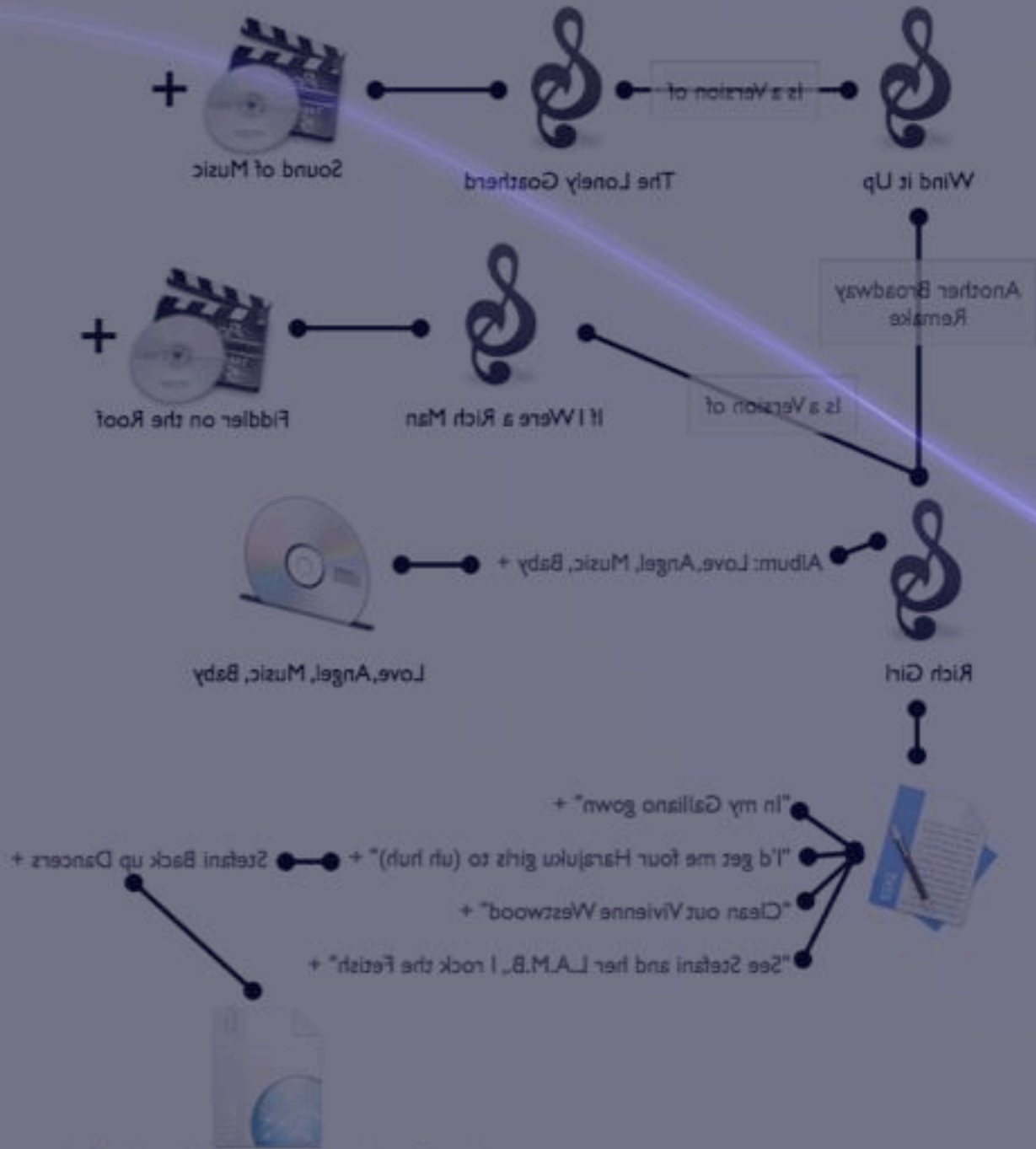
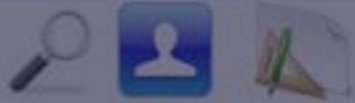
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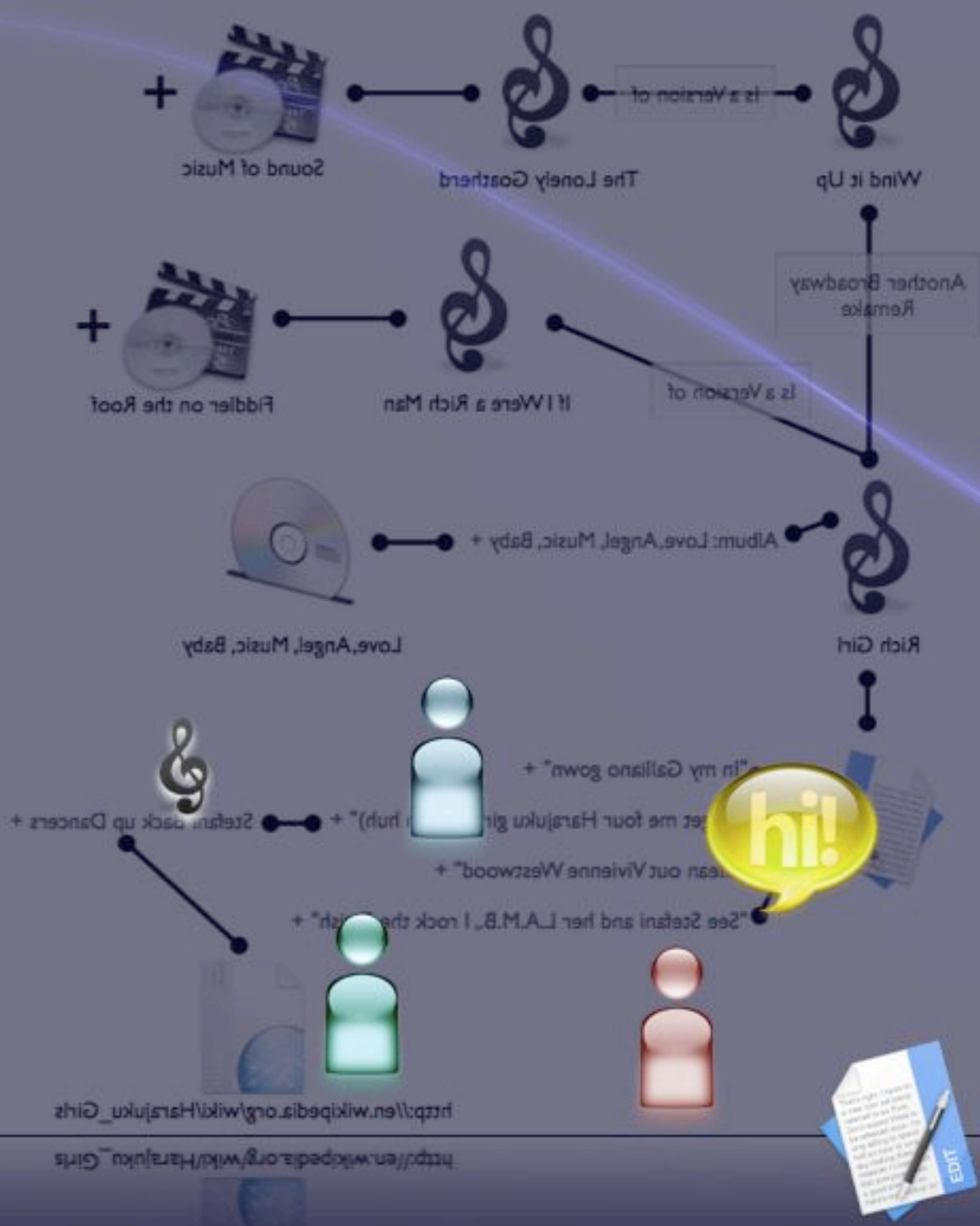
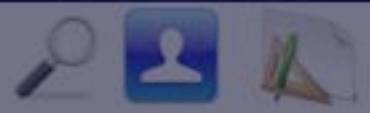
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Input field for chat messages

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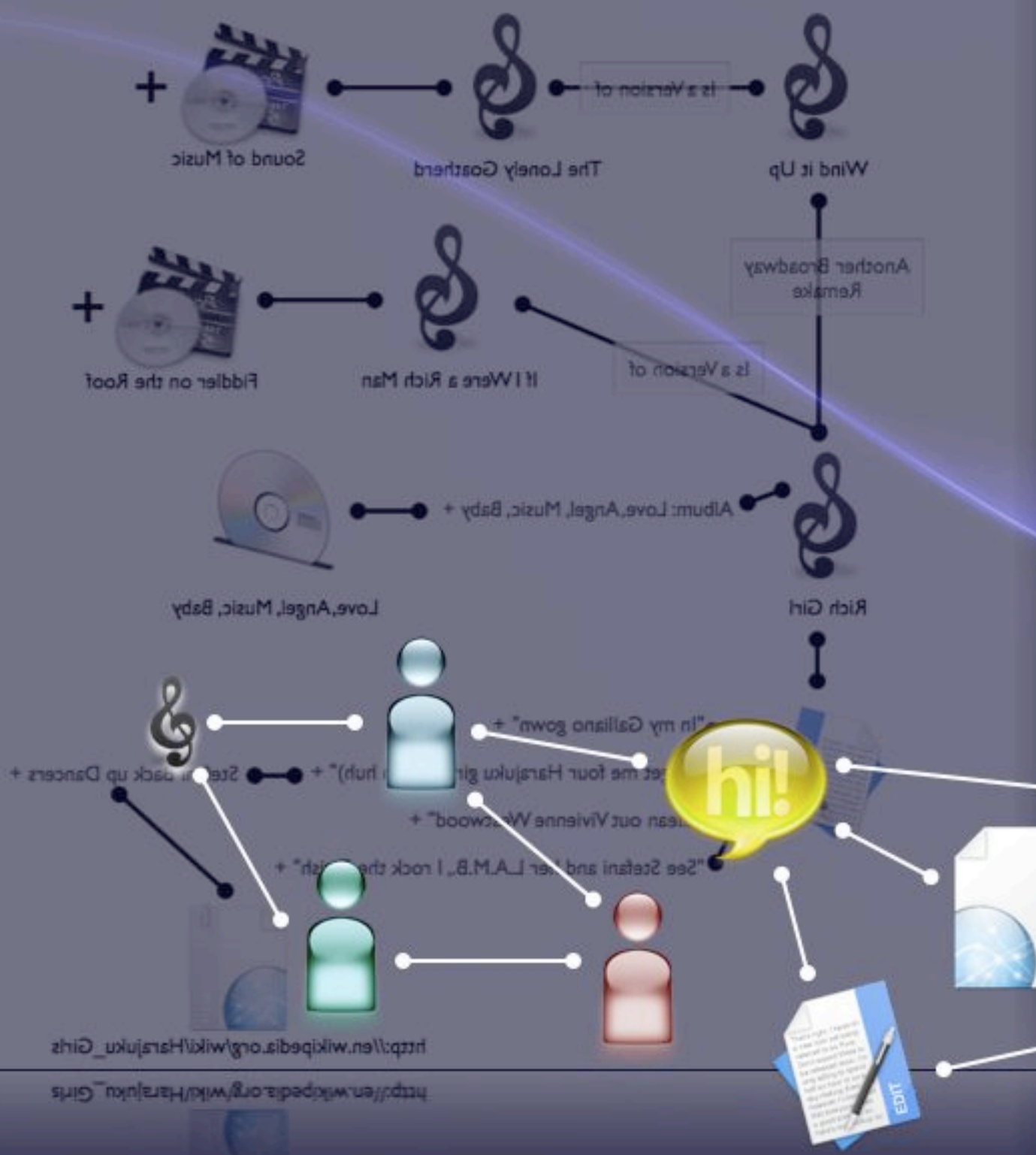
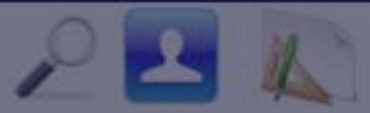
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hi!

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Love, Angel, Music, Baby

Rich Girl

Album: Love, Angel, Music, Baby

Love, Angel, Music, Baby

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[http://en.wikipedia.org/wiki/Harajuku\\_Girls](http://en.wikipedia.org/wiki/Harajuku_Girls)

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Chat with AOLYellowPages

Hey Jeff, do you know where I can find the lyrics to this song?

Hold on...

Here's a Scape someone did in the lyrics, I'll bring it in.

Cool, but I know I've heard something like this before.

Hi, do you know if this song is a remake?

Here's a Scape someone did in the lyrics, I'll bring it in.

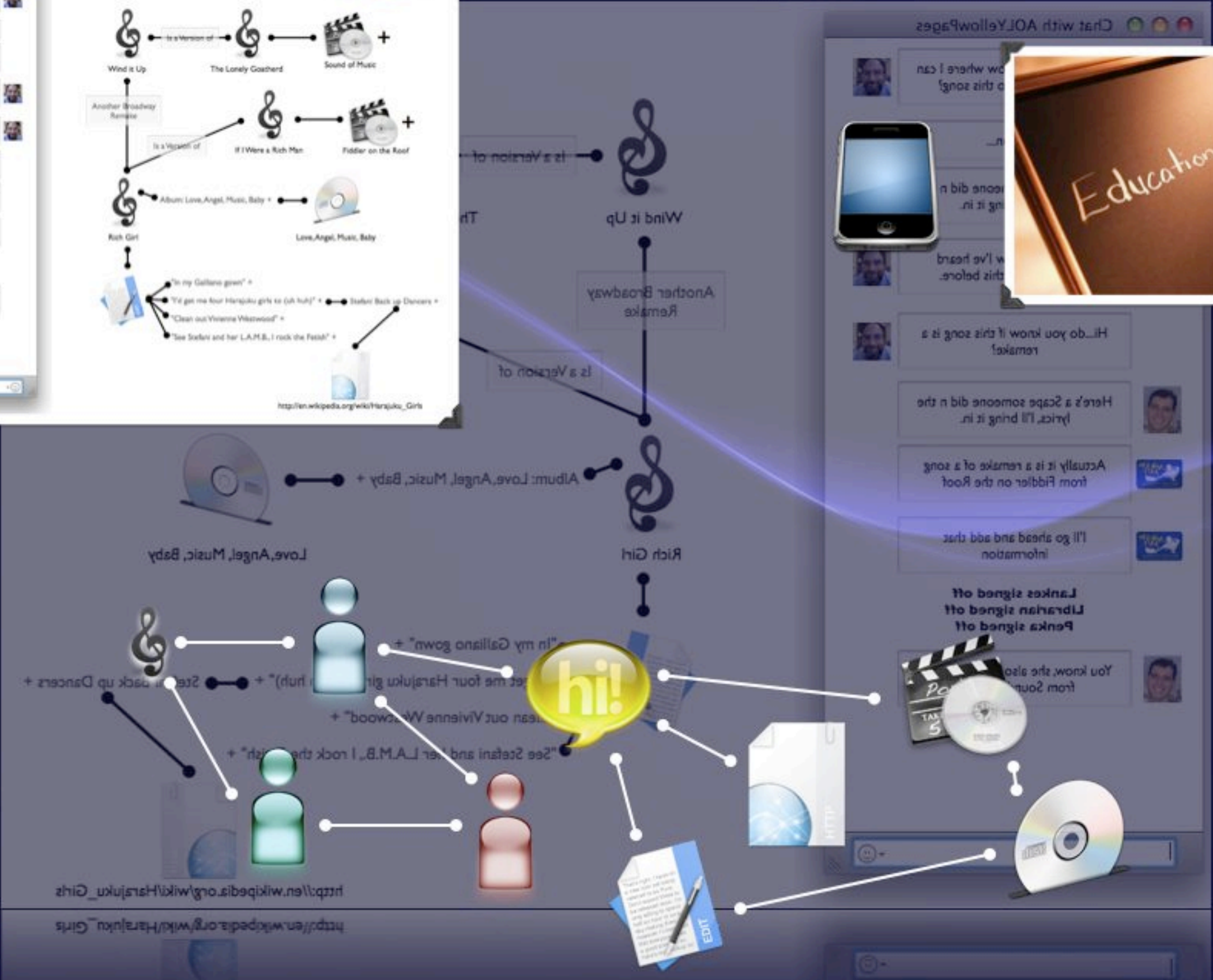
Actually it is a remake of a song from Fiddler on the Roof.

I'll go ahead and add that information.

Lankes signed off  
Liberian signed off  
Penka signed off

You know, she also remade a song from Sound of Music.

[http://en.wikipedia.org/wiki/Harajuku\\_Girls](http://en.wikipedia.org/wiki/Harajuku_Girls)



Chat with AOLYellowPages

How where I can find the lyrics to this song?

Here's a Scape someone did in the lyrics, I'll bring it in.

Actually it is a remake of a song from Fiddler on the Roof.

I'll go ahead and add that information.

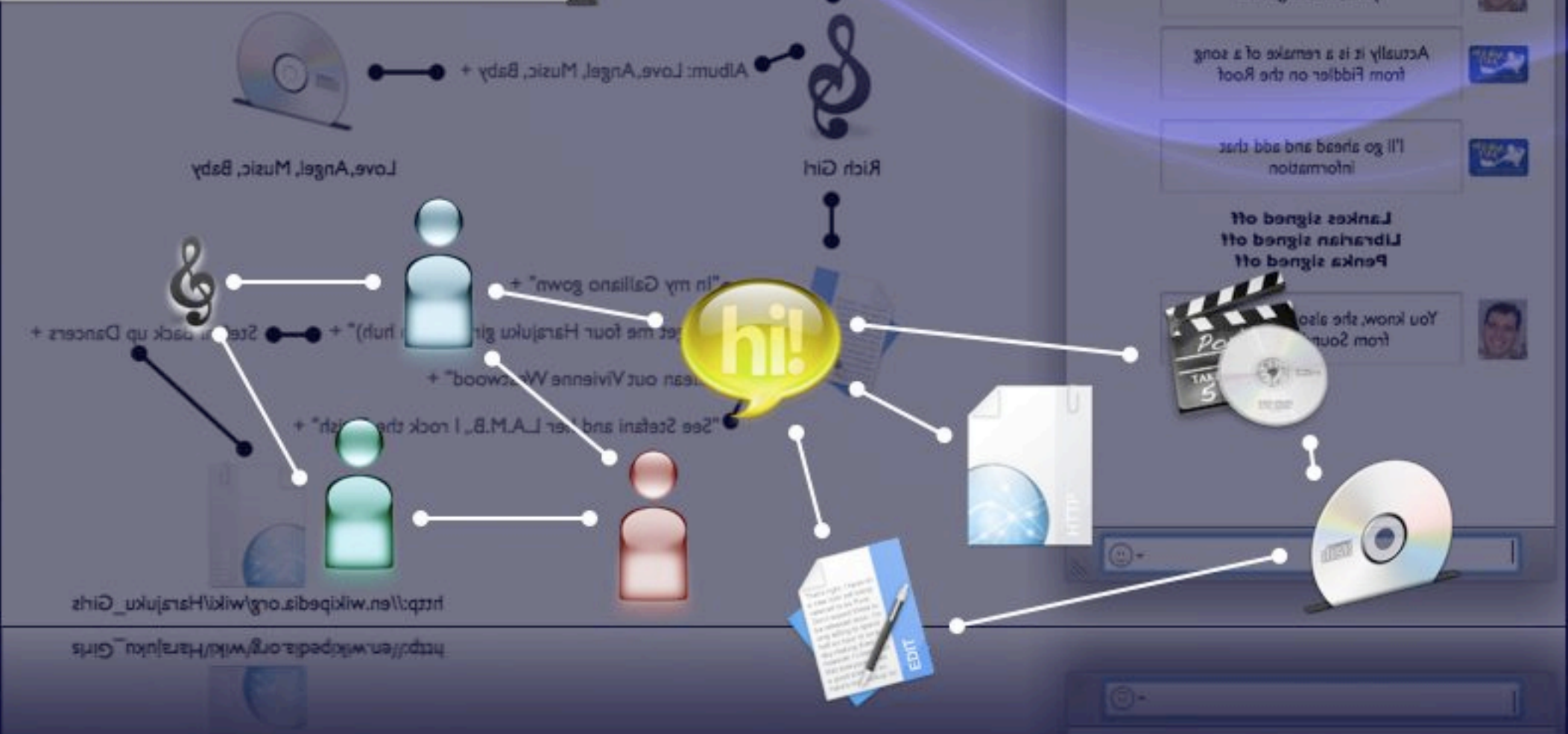
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Penka signed off

You know, she also remade a song from Sound of Music.



Spotlight rich girl lyrics

Show All

**Top Hit** Gwen Stefani - Rich Girl (fea...)

**Documents**

- RichMan Example
- mygraph.xml
- QP001-050.doc — 190433
- QP001-050.doc — 190426
- June URLs.xls — 190278
- June URLs.xls — 188265

**Messages**

- Re: Hello from a Former Stu...
- Re: Hello from a Former Stu...
- Re: Hello from a Former Stu...

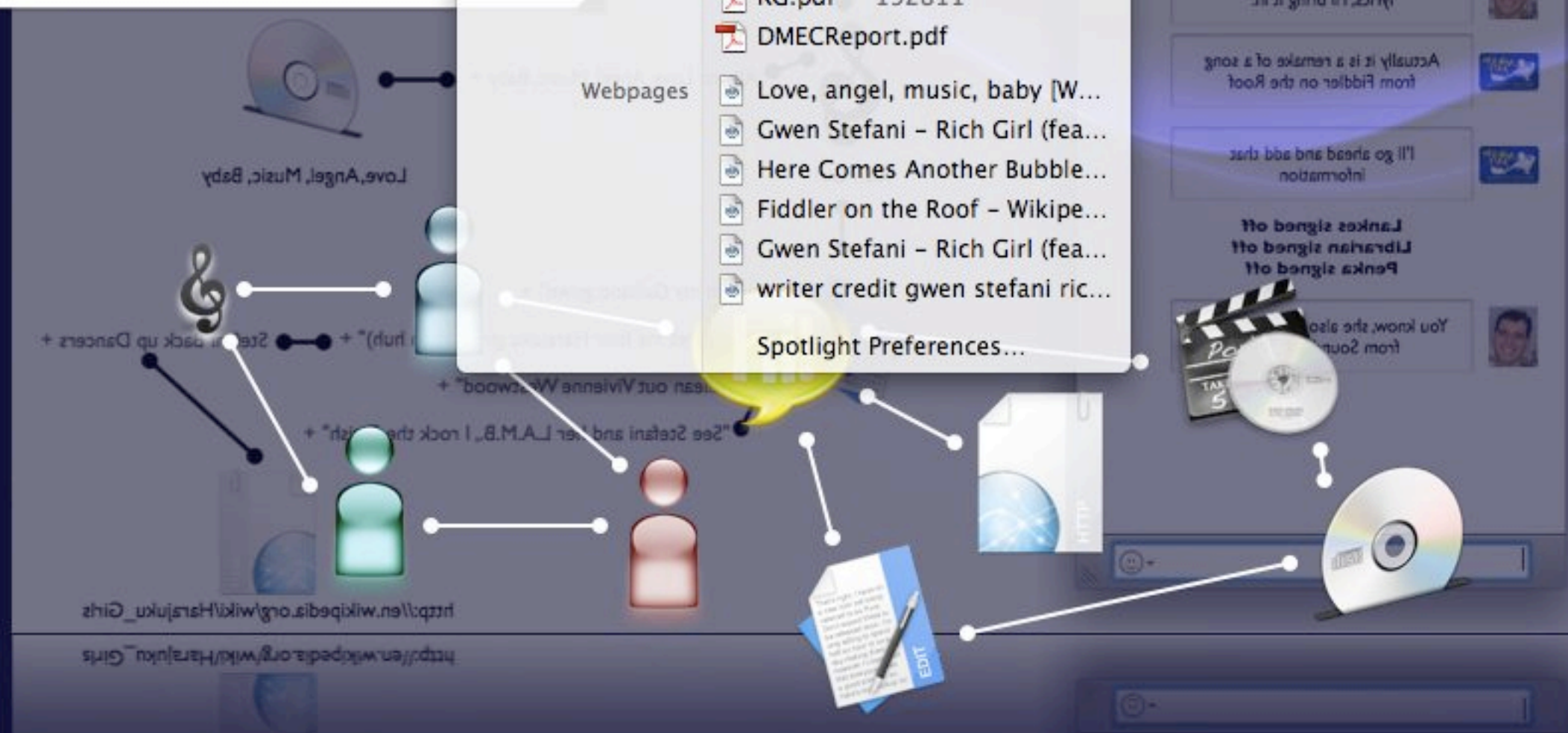
**PDF Documents**

- RG.pdf — 192823
- RG.pdf — 192818
- RG.pdf — 192811
- DMECReport.pdf

**Websites**

- Love, angel, music, baby [W...
- Gwen Stefani - Rich Girl (fea...
- Here Comes Another Bubble...
- Fiddler on the Roof - Wikiped...
- Gwen Stefani - Rich Girl (fea...
- writer credit gwen stefani ric...

Spotlight Preferences...



# Take Aways

- The User is in Control
- It is *ALL* About Learning
- Learning is a Collaborative Conversation





# Artifacts as Secondary Objects

- Books, Videos, Web Pages are Secondary
- This does *NOT* mean unimportant
- Objects Need Context - Context is Relational





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# Artifacts as Secondary Objects

- Books, Videos, Pages are Secondary Objects
- This does *Not* mean they are unimportant
- Objects Need Context - Context is Relational







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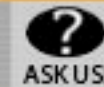
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	Bird-4th Floor, Music Recordings	Call Number: COMPACT DISC 8757	Status: Click on link for more info	
<input type="checkbox"/> <a href="#">2</a>	<a href="#">Adventures in Afropea 2 [sound recording] : the best of Djura : voice of silence.</a>	<a href="#">FIA: Fine Arts</a>	<a href="#">FIA 482: Rise of Global Pop</a>	0001
	Bird-4th Floor, Music Recordings	Call Number: COMPACT DISC 7135	Status: Click on link for more info	
<input type="checkbox"/> <a href="#">3</a>	<a href="#">Afro-Brazilian traditions (17pgs)</a>	<a href="#">FIA: Fine Arts</a>	<a href="#">FIA 482: Rise of Global Pop</a>	
	Available via Internet	Call Number:	Status: Click on link for more info	
<input type="checkbox"/> <a href="#">4</a>	<a href="#">Afro-cuban music (7pgs)</a>	<a href="#">FIA: Fine Arts</a>	<a href="#">FIA 482: Rise of Global Pop</a>	



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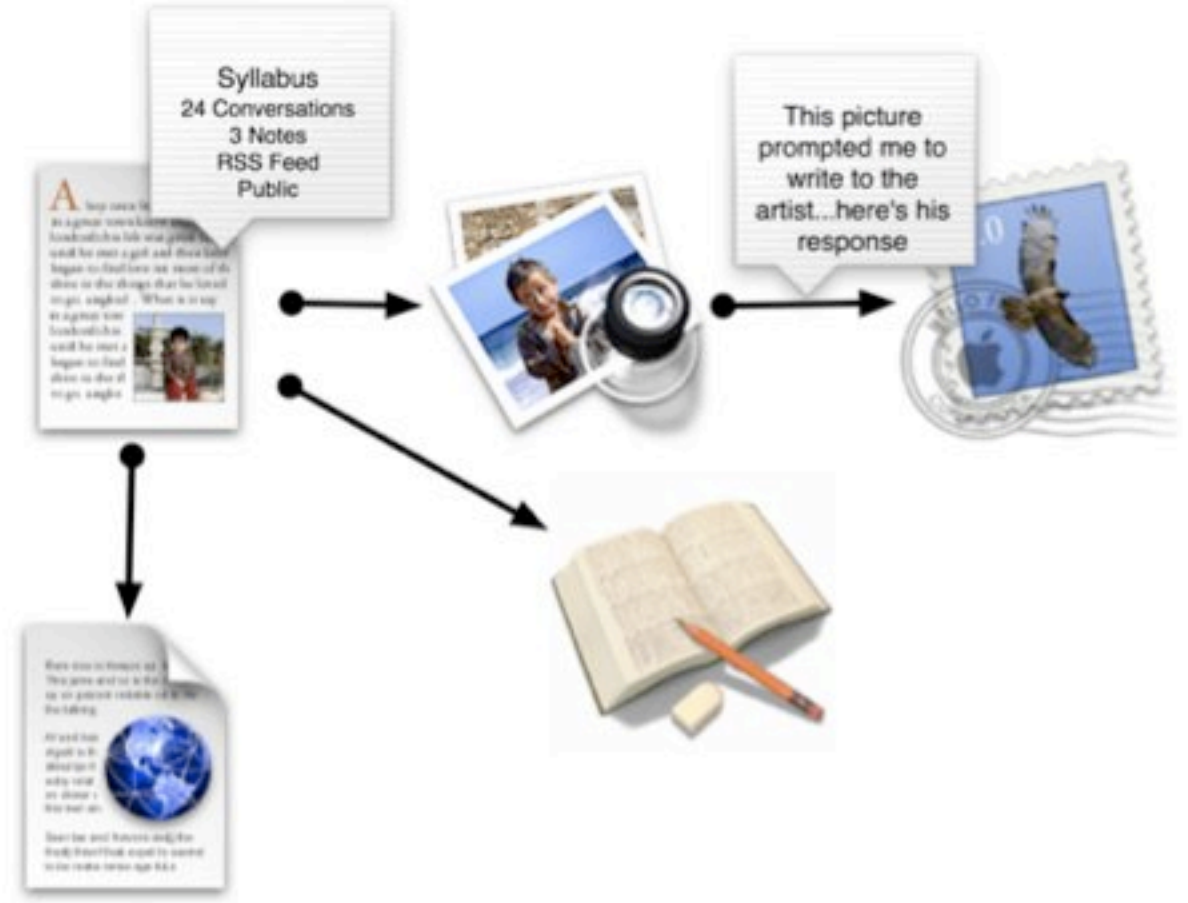
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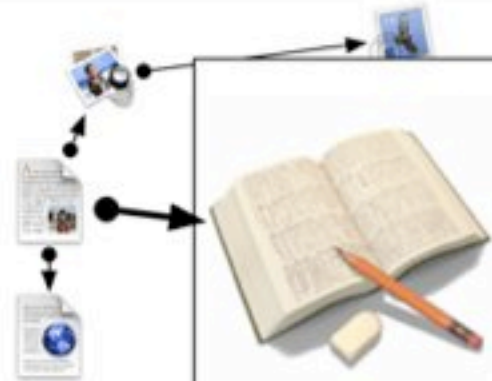
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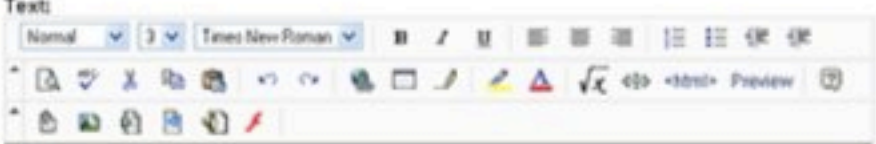
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# Take Aways

- Invest in Tools for Creation Over the Collection of Artifacts
- Capture Information Between Objects



# Libraries in Conversation Business

- Mission: To Facilitate the Knowledge Creation of its Community through Conversation



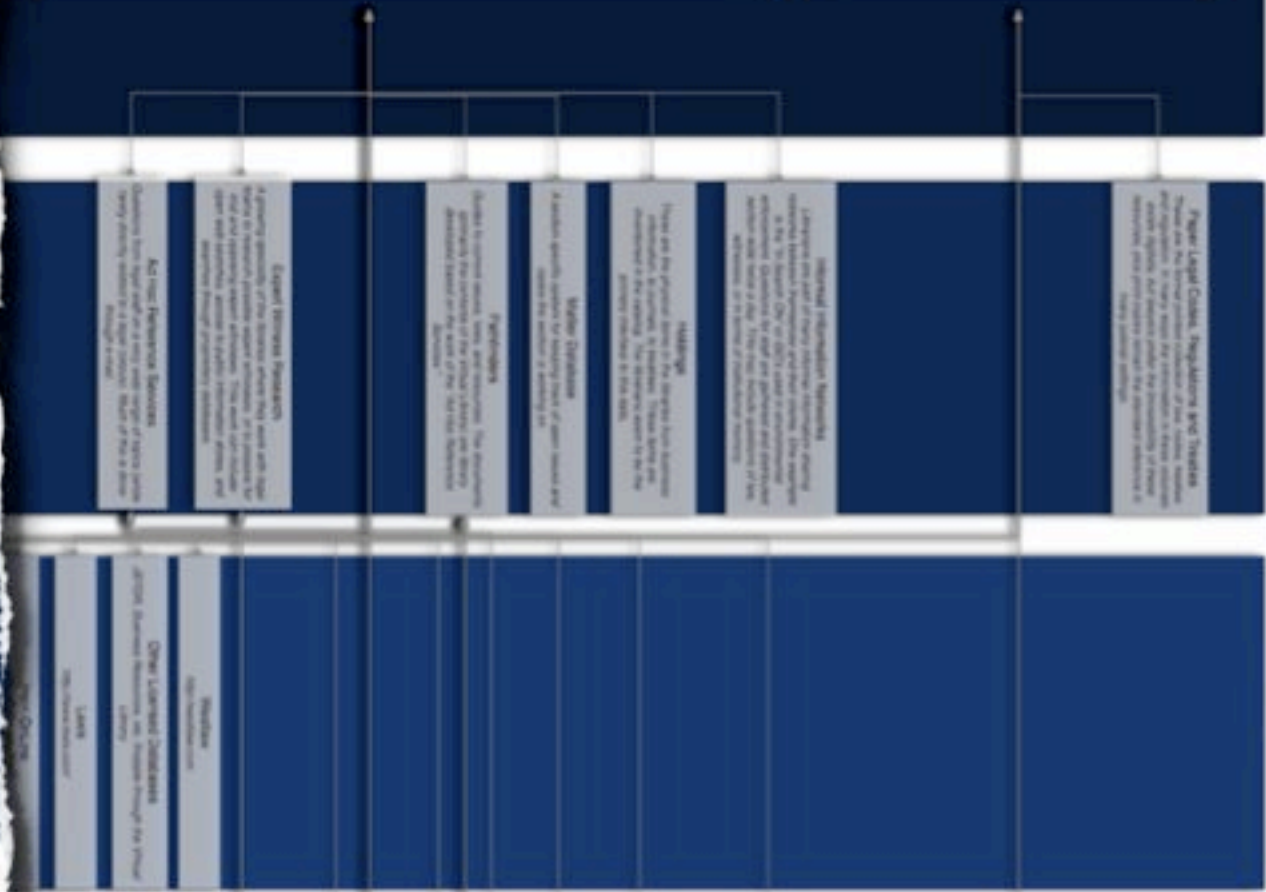




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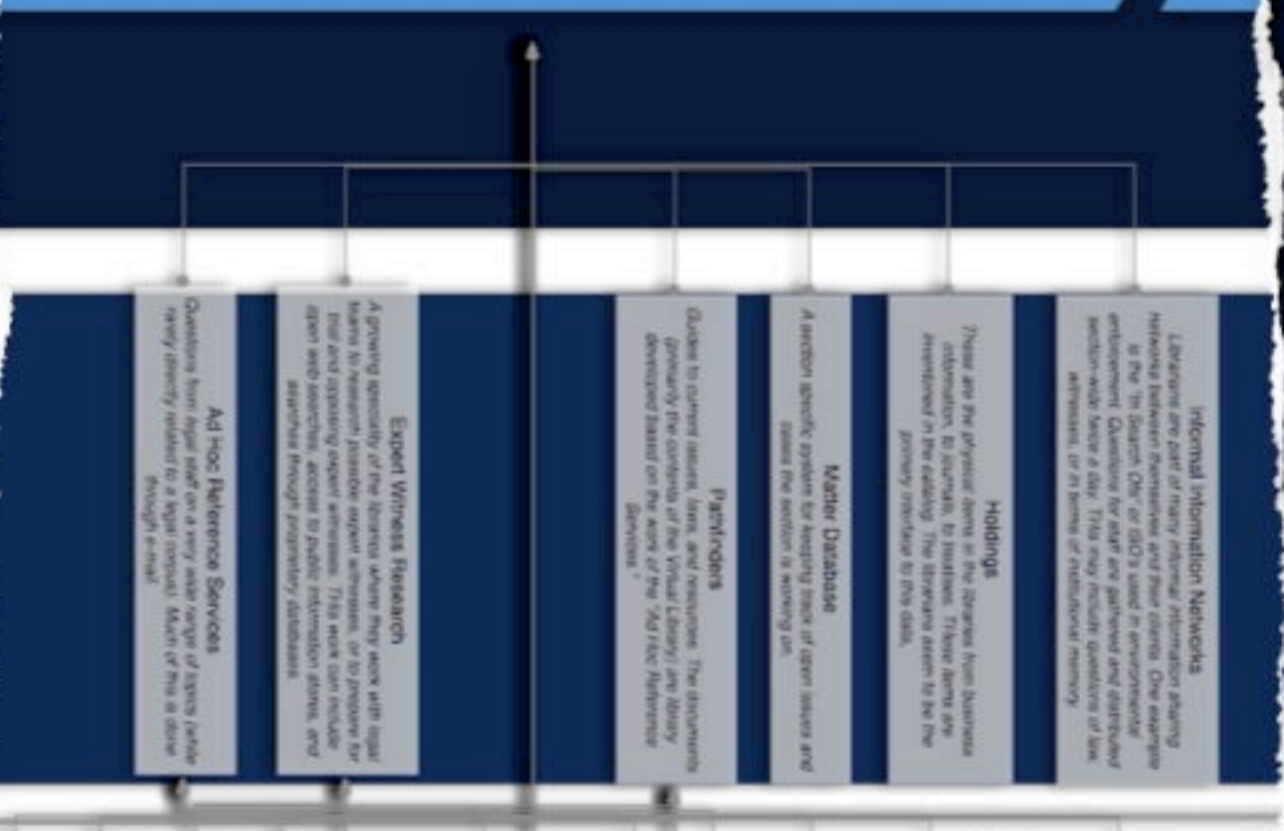
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**Brief Production**

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**Fast Facts, Myths and Social Media**

- Open Web**  
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- Public Data Sources**  
This page contains links to public data sources.
- Google and Search Engines**  
This page contains links to search engines.

**Other Sources of Legal Information**

This page contains links to other sources of legal information, such as legal research centers, law firms, and legal associations.

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# Free Library of Philadelphia

- Community Driven Centers
  - Entrepreneurium
  - Writing Center
  - Music Center
- Publisher of the Community
- Hybrid Services





# Think Bigger, Not Hype

- Not 2.0
  - Not a Product of New Features, but in Recognition of New Societal Needs and Capabilities
- Preparing for a “Dewey-Level” Shift in Libraries: From Artifacts and Items to Knowledge and Relationships
  - Facilitation: Access, Knowledge, Environment, Motivation
  - Digitally Enabled Conversations





# Take Aways

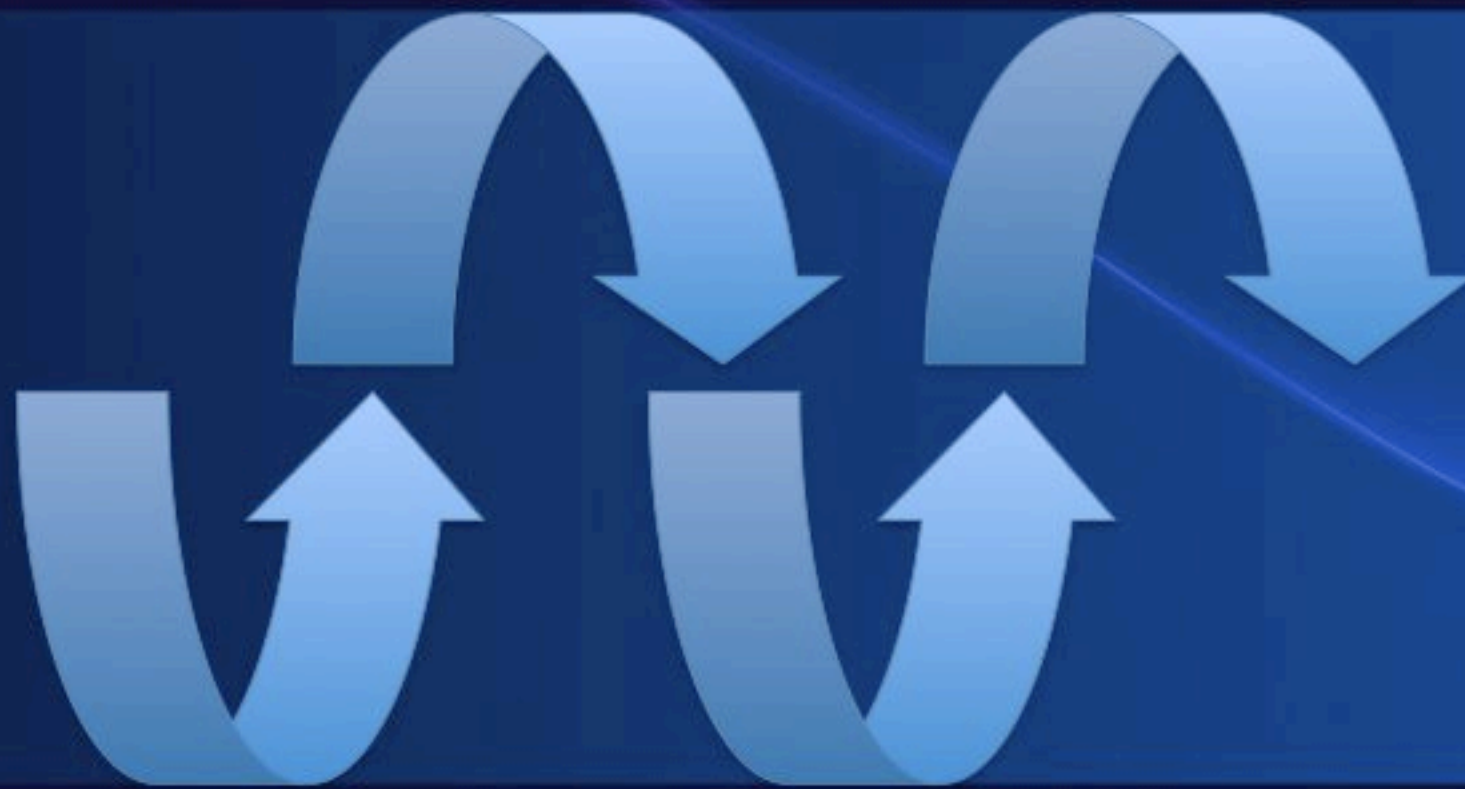
- The Library Serves as Facilitators of Conversation
- True Facilitation with the Community Means Shared Ownership



Knowledge is  
Created through  
Conversation

Artifacts as  
Secondary  
Objects

Libraries in  
Conversation  
Business



Reference

Reserves

DOJ/  
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LIS Education





# Teach Change Management not Leadership

- Facing the Dysfunctional Innovation by New Hire Process
- Provide Real World Opportunities to Implement Change Throughout the Educational Process





# Drink the Kool-Aid and Eat Your Own Dog Food

- Recognize the Shift in Innovation from Concentrated in the Academy to Distributed throughout Practice and Other Industries
- Model Co-Learning in the Classroom
- Recognize and Enhance the Participatory Network that is a School
- Transition from a School to a School of Thought
  - Intellectual Signatures not Motto's





# Obligation of Leadership

- Innovate from Core Principles
  - Simply Adopting Features will Always put You in Second Place
- Obligation of LIS Education to Facilitate the Discussion Defining Librarianship
- Accept the Obligation of Leadership



# Questions, Corrections, Arguments

<http://ptbed.org>

[rdlankes@iis.syr.edu](mailto:rdlankes@iis.syr.edu)

