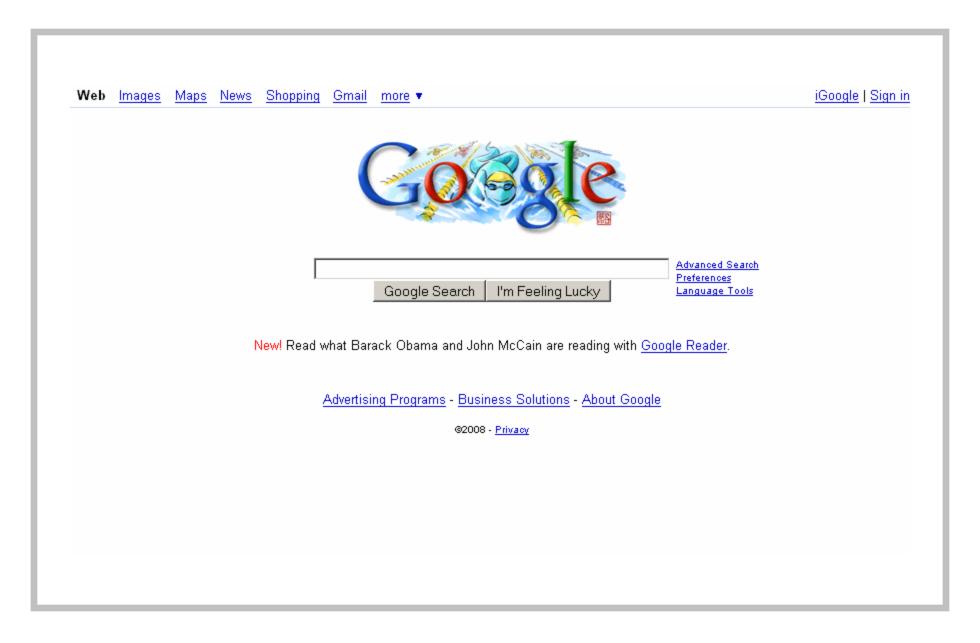
### W W W ...



### W W W ... and everybody else





### W W W ... in the flow [1]

### scale

- massive redundancy, cloud computing, ...
- global participation ... North America 17% ... Asia 39.5% [2]

- **transparency** RSS, Atom, Atom Publishing Protocol, REST, RDF, [ORE], ...
- -- PMH,-Z39.50,-MARC,-...-

### network effect

- sites improve as traffic and use increases
- emergent user behavior not predetermined

### WWW...in the flow

#### ... continued

### scale

- massive redundancy, cloud computing, ...
- global participation ... North America 17% ... Asia 39.5% [N]

- **transparency** RSS, Atom, Atom Publishing Protocol, REST, RDF, [ORE], ...
- -- + PMH; -Z39:50; -MARC; ----

### network effect

- sites improve as traffic and use increases
- emergent user behavior not predetermined
- · emergent user behavior trumps services

### WWW... in the flow

... continued

#### user centric

- personal mgmt of content, messages, & processes
- desktop, laptop, tablet, mini, PDA, iPhone, Android, ...

# small pieces, loosely joinedremix, mash-up, mesh-up, ...

data is the intel inside

### W W W ... in the flow

#### ... continued

#### user centric

- personal mgmt of content, messages, & processes
- desktop, laptop, tablet, mini, PDA, iPhone, Android, ...

# small pieces, loosely joinedremix, mash-up, mesh-up, ...

- · granular accessibility trumps services

data is the intel inside

### WWW... in the flow

#### ... continued

#### user centric

- personal mgmt of content, messages, & processes
- desktop, laptop, tablet, mini, PDA, iPhone, Android, ...

### small pieces, loosely joined

- remix, mash-up, mesh-up, ...
- granular accessibility trumps services

#### data is the intel inside

The coolest thing to do with your data will be thought of by someone else



The Common Repository Interface Group

### W W W ... search (aka Google)

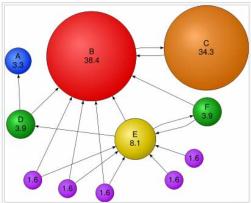
#### PageRank

From Wikipedia, the free encyclopedia

PageRank is a link analysis algorithm that assigns a numerical weighting to each element of a hyperlinked set of documents, such as the World Wide Web, with the purpose of "measuring" its relative importance within the set. The algorithm may be applied to any collection of entities with reciprocal quotations and references. The numerical weight that it assigns to any given element E is also called the PageRank of E and denoted by PR(E).

The name PageRank is a trademark of Google. The PageRank process has been patented (U.S. Patent 6,285,999 ). The patent is not assigned to Google but to Stanford University.





Mathematical PageRanks (out of 100) for a simple network (PageRanks reported by Google are rescaled logarithmically). Page C has a higher PageRank than Page E, even though it has fewer links to it: the link it has is much higher valued. A web surfer who chooses a random link on every page (but with 15% likelihood) jumps to a random page on the whole web) is going to be on Page E for 8.1% of the time. (The 15% likelihood of jumping to an arbitrary page corresponds to a damping factor of 85%.) Without damping, all web surfers would eventually end up on Pages A, B, or C, and all other pages would have PageRank zero. Page A is assumed to link to all pages in the web, because it has no outgoing links.

# web of documents

undifferentiated hypertext links pointing to pages

## W W W ... search (aka Google)

### web of documents

undifferentiated

hypertext links

pointing to pages

#### PageRank

From Wikipedia, the free encyclopedia

PageRank is a link analysis algorithm weighting to each element of a hyperline as the World Wide Web, with the purpo relative importance within the set. The a any collection of entities with reciprocal The numerical weight that it assigns to l

page A points to page B

called the PageRank of E and denoted by PR(E).

The name PageRank is a trademark of Google. The PageRank

http://Apage web page

process has been patented (U.S. Patent 6,285,999 (a)). The patent is not assigned to Google but to Stanford University.

<a href=<u>http://Bpage</u> > B </a>

#### the link is

- · one-way
- un-named

http://Bpage web page

... implications ??

### WWW... web of documents ... continued

#### Bach partitas for violin

• interested in editions, performances, arrangements, commentary, ...

search: au:bach ti:partitas in WorldCat

### WWW... web of documents ... continued

#### Bach partitas for violin

• interested in editions, performances, arrangements, commentary, ...

search: au:bach ti:partitas in WorldCatca. 300 results ... 30 web screens @ cites10 per screen

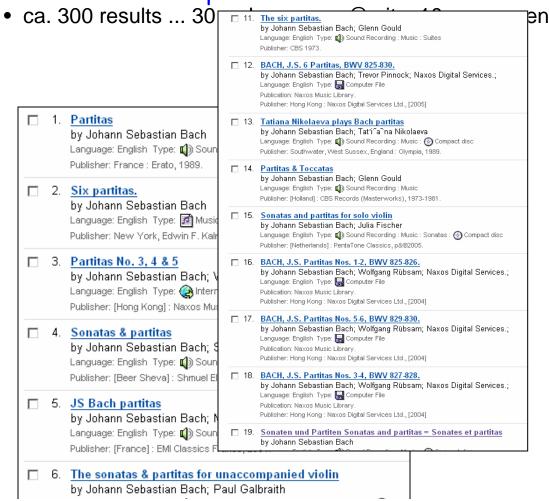
1.	Partitas by Johann Sebastian Bach Language: English Type: ♠ Sound Recording : Music : ♠ Compact disc Publisher: France : Erato, 1989.
2.	Six partitas. by Johann Sebastian Bach Language: English Type: Musical Score: Printed music Publisher: New York, Edwin F. Kalmus, 1968.
3.	Partitas No. 3, 4 & 5 by Johann Sebastian Bach; Wolf Harden Language: English Type: ♠ Internet Resource : Music : ♠ Compact disc ♠ Publisher: [Hong Kong] : Naxos Music Library, [2004]
4.	Sonatas & partitas by Johann Sebastian Bach; Shmuel Elbaz Language: English Type: (1) Sound Recording: Music: (2) Compact disc Publisher: [Beer Sheva]: Shmuel Elbaz, 2004.
5.	JS Bach partitas by Johann Sebastian Bach; Maria Tipo Language: English Type: ♠) Sound Recording : Music : ♠ Compact disc Publisher: [France] : EMI Classics France, 2004.
6.	The sonatas & partitas for unaccompanied violin by Johann Sebastian Bach; Paul Galbraith

#### ... continued

#### Bach partitas for violin

• interested in editions, performances, arrangements, commentary, ...

#### search: au:bach ti:partitas in WorldCat



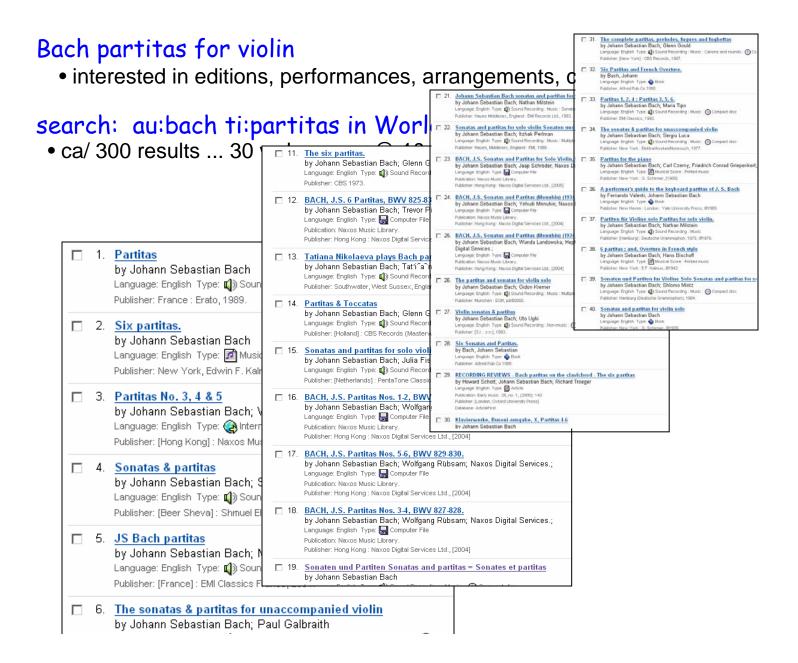
#### ... continued

#### Bach partitas for violin

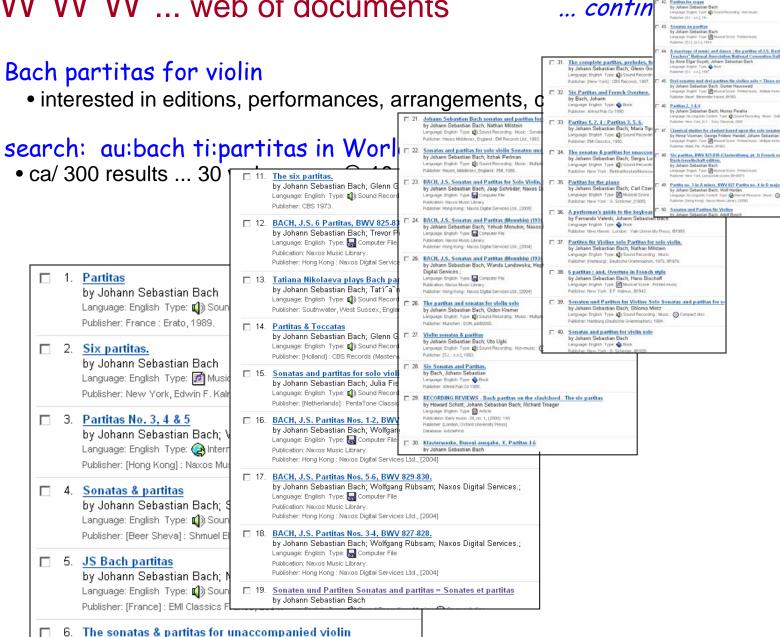
• interested in editions, performances, arrangements, commentary, ...



#### ... continued

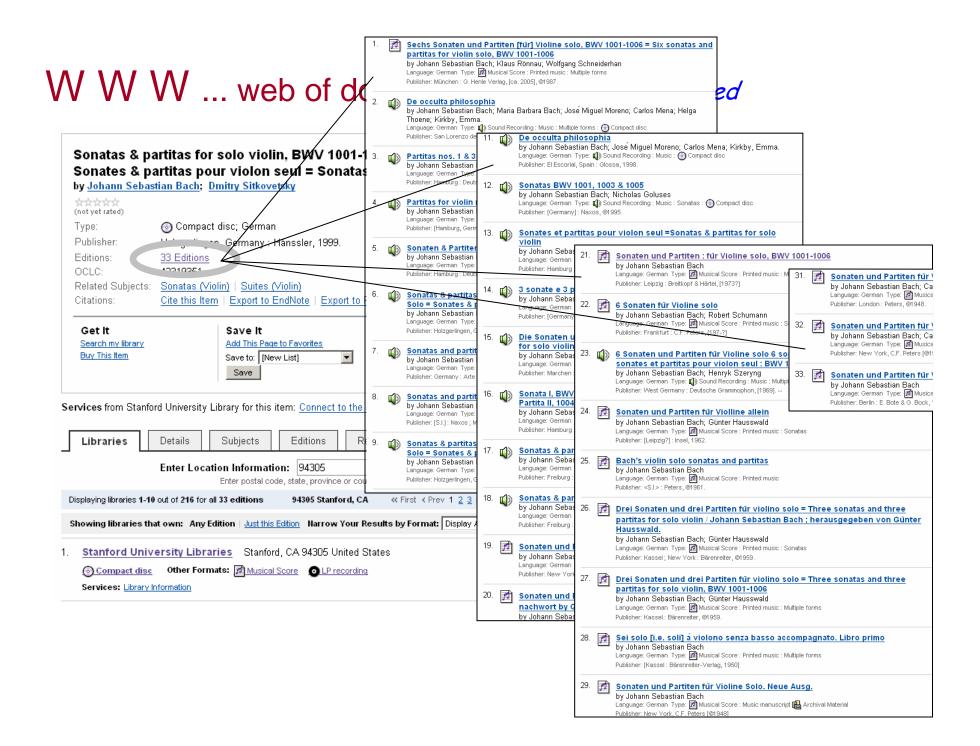


by Johann Sebastian Bach; Paul Galbraith



## WWW... web of documents ... continued

•	s for solo violin, BWV 1001 s pour violon seul = Sonat		
Publisher: Editions: 33 Ed OCLC: 13319 Related Subjects: Sonat	mpact disc; German Germany : Hänssler, 1999. tions	o RefWorks	
<b>Get It</b> Search my library Buy This Item	Save It  Add This Page to Favorites  Save to: [New List]  Save	Add to It Review this Item Edit Public Notes	Share It Link to this Page E-mail this Item BOOKMARK # 99 24
<b>Libraries</b> Details	Location Information: 94305 Enter postal code, state, province or o	Reviews Go	Buy This Item  Search for Sonatas & partitas for solo violin, BWV 1001-1006 Sonaten & Partiten für
Showing libraries that own:	partitas pour violon seul =		
Services: Library Informatio	Formats: Musical Score OLP record	***************************************	Find in a Library anytime with always-there browser tools



web of documents

undifferentiated hypertext links pointing to pages

that's one factor ...

# names are another ...

jaguar

```
jaguar = 4a 61 67 75 61 72
```

• the hex representation of the word jaguar in a computer's memory

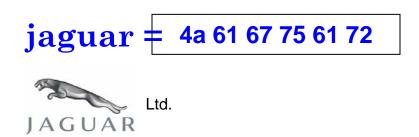
John Giannandrea, CTO, Metaweb

## Names ... a rose is a rose is a rose

```
jaguar = 4a 61 67 75 61 72 ... But
```

John Giannandrea, CTO, Metaweb

## Names ... a rose is a rose is a rose









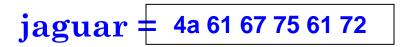
XK series, in prodctn since 1996



E-Type (UK) or XK-E (US) mftg 1961 to 1974



etc.







XK series, in prodctn since 1996



E-Type (UK) or XK-E (US) mftg 1961 to 1974



etc.



Atari video game console



Macintosh OS X 10.2





Ltd.



heavy metal band formed in Bristol, England. Dec 1979



XK series, in prodctn since 1996



Fender electric guitar, introduced in 1962



E-Type (UK) or XK-E (US) mftg 1961 to 1974



Philadelphia-based singer/songwriter Jaguar Wright



etc.



Atari video game console



Macintosh OS X 10.2

## John Giannandrea, CTO, Metaweb

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Fender electric guitar, introduced in 1962



Philadelphia-based singer/songwriter Jaguar Wright



etc.



type 140 Jaguar class fast attack craft [torpedo], Germany



Atari video game console



Macintosh OS X 10.2



Anglo-French ground attack aircraft



XF10F prototype swing-wing fighter, early 1950s, Grumman

#### John Giannandrea, CTO, Metaweb

### Names ... a rose is a rose is a rose





Ltd.



heavy metal band formed in Bristol, England. Dec 1979



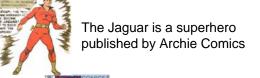
XK series, in prodctn since 1996



Fender electric guitar, introduced in 1962



Philadelphia-based singer/songwriter Jaguar Wright



DC Comics' Impact series, ... loosely based on Archie Comics' character



E-Type (UK) or XK-E (US) mftg 1961 to 1974



etc.



type 140 Jaguar class fast attack craft [torpedo], Germany





Macintosh OS X 10.2



Anglo-French ground attack aircraft



XF10F prototype swing-wing fighter, early 1950s, Grumman

#### John Giannandrea, CTO, Metaweb

### Names ... a rose is a rose is a rose





Ltd.



heavy metal band formed in Bristol, England. Dec 1979



XK series, in prodctn since 1996



E-Type (UK) or XK-E (US) mftg 1961 to 1974



Philadelphia-based singer/songwriter Jaguar Wright



The Jaguar is a superhero published by Archie Comics



DC Comics' Impact series, ... loosely based on Archie Comics' character



etc.



type 140 Jaguar class fast attack craft [torpedo], Germany



Jacksonville



Atari video game console



Macintosh OS X 10.2



Anglo-French ground attack aircraft



XF10F prototype swing-wing fighter, early 1950s, Grumman

## John Giannandrea, CTO, Metaweb

### Names ... a rose is a rose is a rose





Ltd.



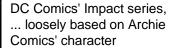
XK series, dctn since







The Jaguar is a superhero published by Archie Comics





/ille





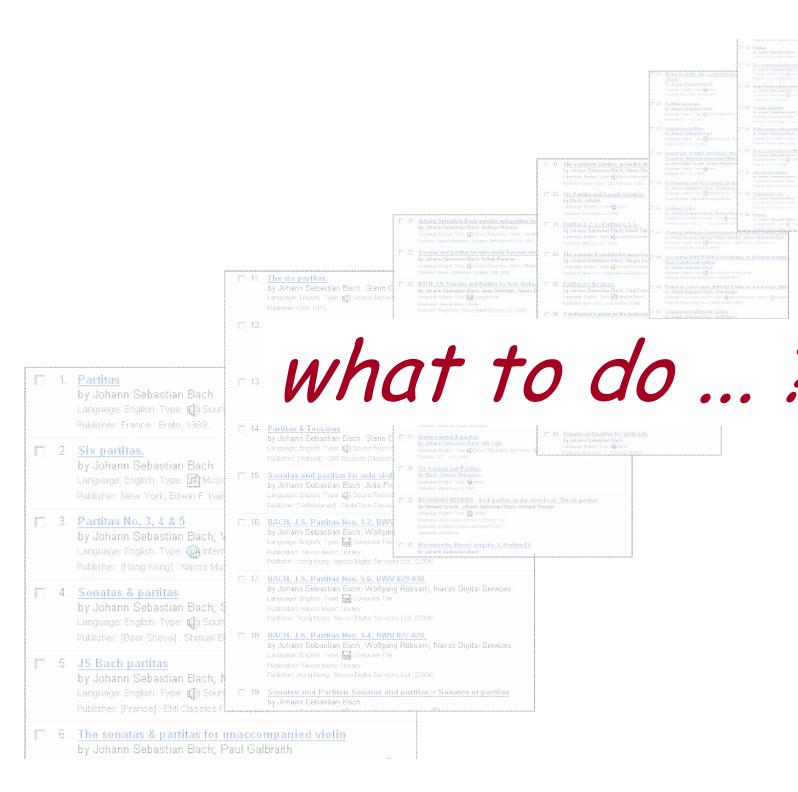
Macintosh OS X 10.2



Anglo-French ground attack aircraft



XF10F prototype swing-wing fighter, early 1950s, Grumman



### web of documents

### undifferentiated hypertext links pointing to pages

Language: English Type: (iii) Soul 2. Six partitas.

by Johann Sebastian Bach

[7] 3. Partitas No. 3, 4 & 5 by Johann Sebastian Bach: Language: English Type: (1) Intern

4. Sonatas & partitas

by Johann Sebastian Bach; S Language: English Type: (1) Sour

T 5. JS Bach partitas

by Johann Sebastian Bach; N Language: English Type: (1) Soun

By Johann Sabrathan Bath, Jasp Schröder Language Septem Tips Sal Conscherine Publisher September Livery Language: English Type: (1) Sound Reco

# what to do

63. Separties and partition for Media, and by Johnson Sebestian Social Luciación Separa Trans de Brica

14. Partitas & Toccatas by Johann Sebastian Bach, Glenn C 17 29. Wells wegen & outlies by Johann Stoutins Bach, the tight Language: English Type: 1 Sound Record Leagues grain host up locustraces.

Language: English Type: (1): Sound Reco

Language: English Type: 📊 Computer File

By Piloeard Schott, Johann Salbastian Bach, Richard Enlerp Language Profess Tree (I) Article

Language: English Type: 🙀 Computer File

18. BACH, J.S. Partitas Nos. 3-4, BWV 827-828.

Language: English Type: 🙀 Computer File

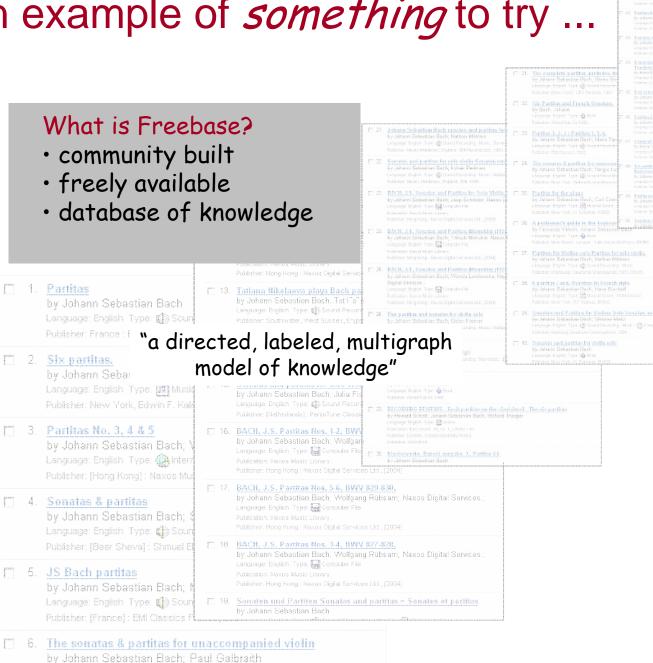
5. The sonatas & partitas for unaccompanied violin

by Johann Sebastian Bach; Paul Galbraith

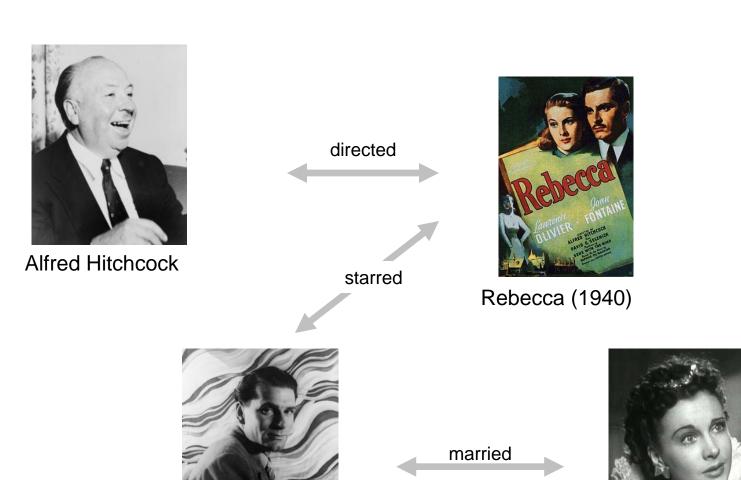




## an example of *something* to try ...



# one example ...



Laurence Olivier

Vivien Leigh

Bach, Carl Philipp Emanuel, 1714-1788

Bach, Johann Christian, 1735-1782

Bach, Johann Sebastian, 1685-1750

Bach, Wilhelm Friedemann, 1710-1784

composed

Sonaten und Partiten, violin, BWV 1001-1006

BWV 1001 Sonata, no. 1

Adagio

Fugue; arr.

BWV 1002 Partita, no. 1

Partita, no. 1; arr.

BWV 1003 Sonata, no. 2

BWV 1004 Partita, no. 2

Chaconne

Chaconne; arr.

BWV 1005 Sonata, no. 3

BWV 1006 Partita, no. 3

Preludio

Preludio; arr.

```
Bach, Carl Philipp Emanuel, 1714-1788
```

Bach, Johann Christian, 1735-1782

Bach, Johann Sebastian, 1685-1750

Bach, Wilhelm Friedemann, 1710-1784

composed

Sonaten und Partiten, violin, BWV 1001-1006 **BWV 1001** Sonata, no. 1 Adagio Fugue; arr. includes **BWV 1002** Partita, no. 1 Partita, no. 1; arr. **BWV 1003** Sonata, no. 2 BWV 1004 Partita, no. 2 Chaconne Chaconne; arr. **BWV 1005** Sonata, no. 3 **BWV 1006** Partita, no. 3 Preludio Preludio; arr.

```
Bach, Carl Philipp Emanuel, 1714-1788
```

Bach, Johann Christian, 1735-1782

Bach, Johann Sebastian, 1685-1750

Bach, Wilhelm Friedemann, 1710-1784

composed

Sonaten und Partiten, violin, BWV 1001-1006 **BWV 1001** Sonata, no. 1 Adagio Fugue; arr. includes **BWV 1002** Partita, no. 1 Partita, no. 1; arr. **BWV 1003** Sonata, no. 2 **BWV 1004** Partita, no. 2 Chaconne Chaconne; arr. **BWV 1005** Sonata, no. 3 **BWV 1006** Partita, no. 3 Preludio Preludio; arr.

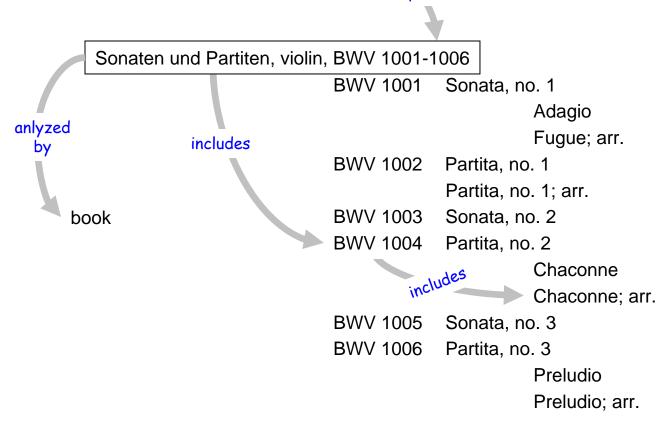
Bach, Carl Philipp Emanuel, 1714-1788

Bach, Johann Christian, 1735-1782

Bach, Johann Sebastian, 1685-1750

Bach, Wilhelm Friedemann, 1710-1784

composed



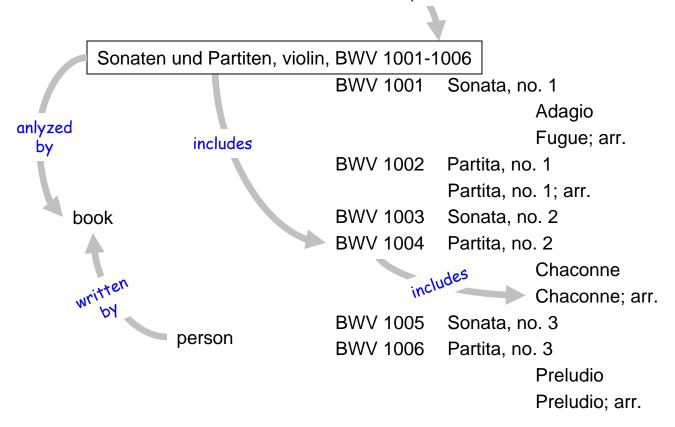
Bach, Carl Philipp Emanuel, 1714-1788

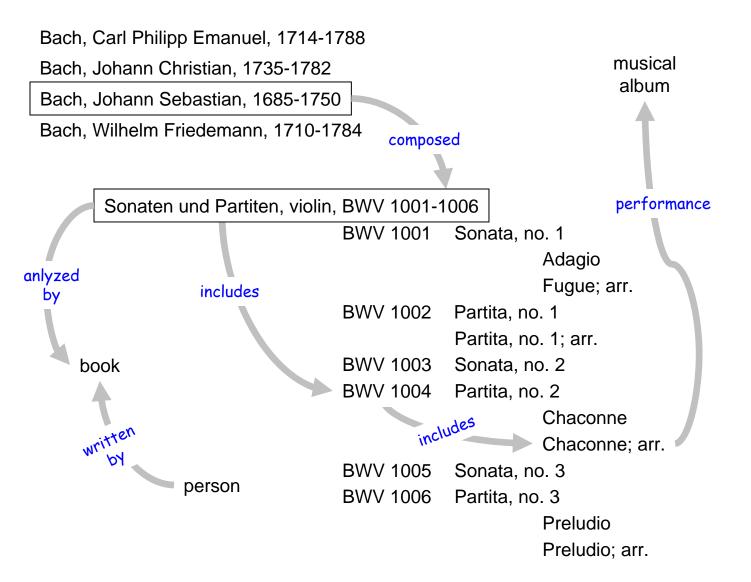
Bach, Johann Christian, 1735-1782

Bach, Johann Sebastian, 1685-1750

Bach, Wilhelm Friedemann, 1710-1784

composed





person / group

Bach, Carl Philipp Emanuel, 1714-1788

Bach, Johann Christian, 1735-1782

Bach, Johann Sebastian, 1685-1750

Bach, Wilhelm Friedemann, 1710-1784

composed

musical album

performance

Sonaten und Partiten, violin, BWV 1001-1006

BWV 1001 Sonata, no. 1

Adagio

Fugue; arr.

BWV 1002 Partita, no. 1

Partita, no. 1; arr.

BWV 1003 Sonata, no. 2

BWV 1004 Partita, no. 2

udes Chaconne

Chaconne; arr.

BWV 1005 Sonata, no. 3

BWV 1006 Partita, no. 3

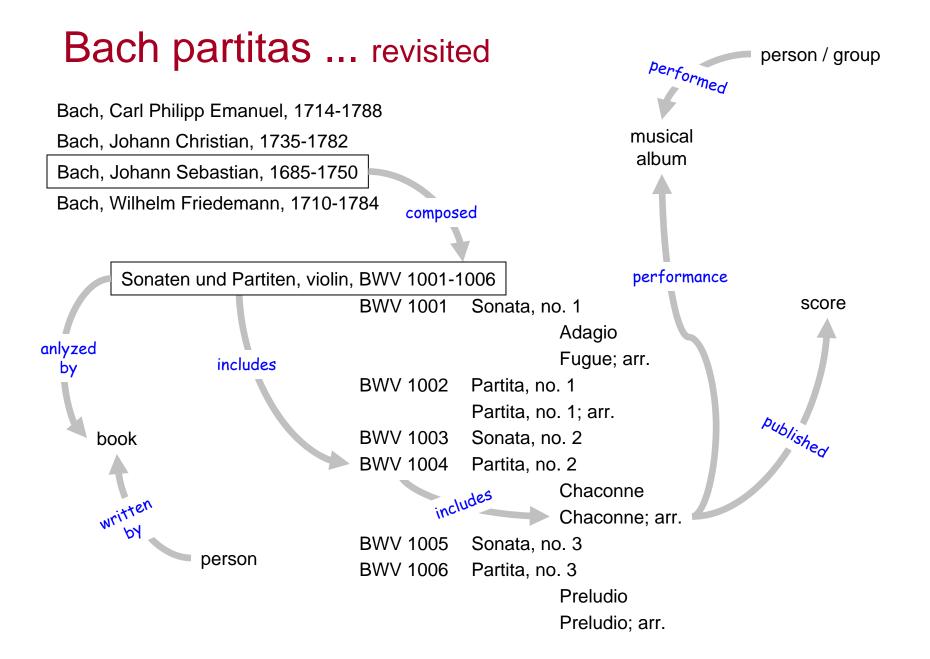
Preludio

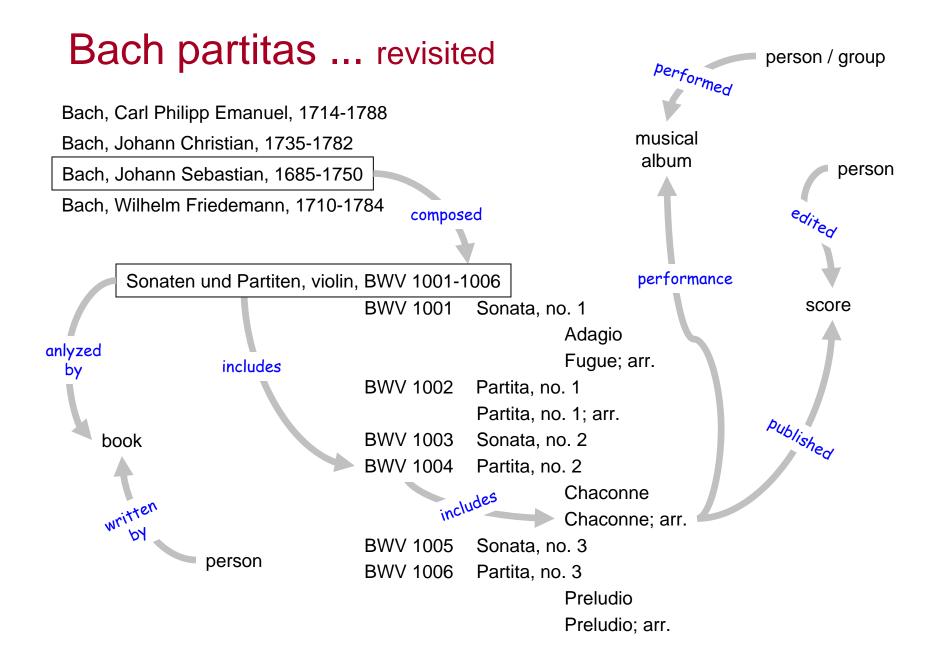
Preludio; arr.

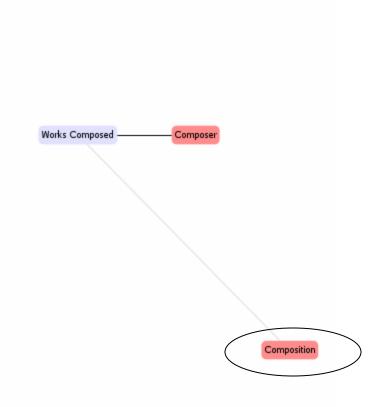
by includes
book

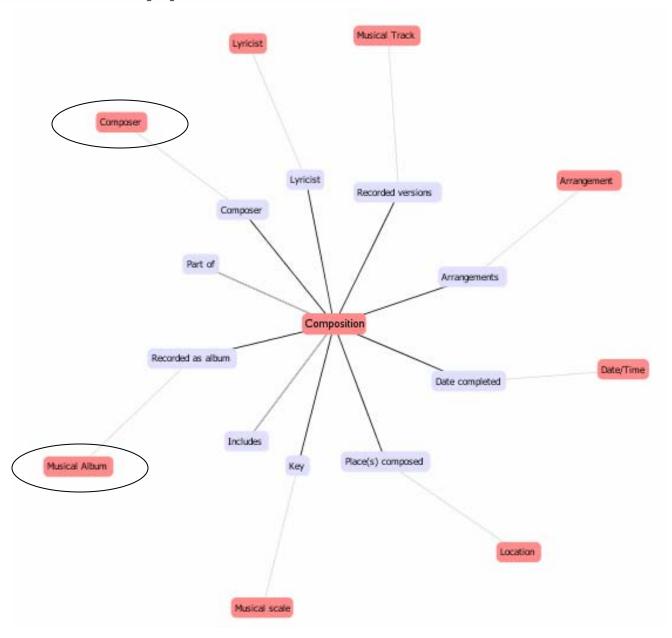
anlyzed

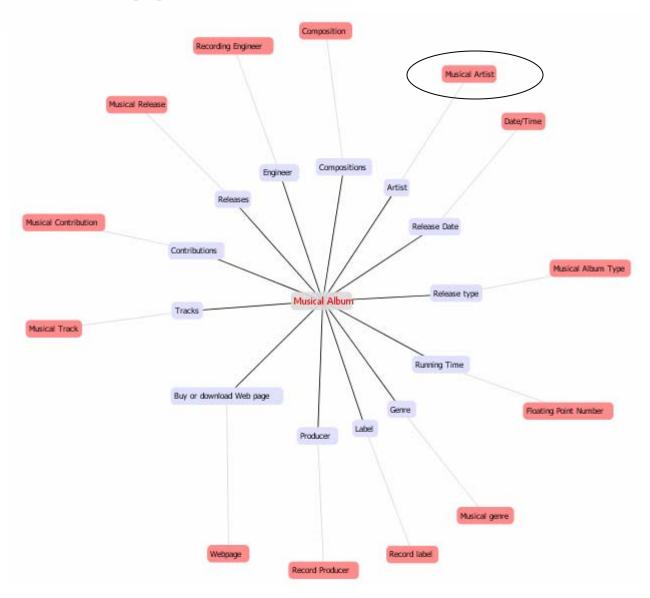
person

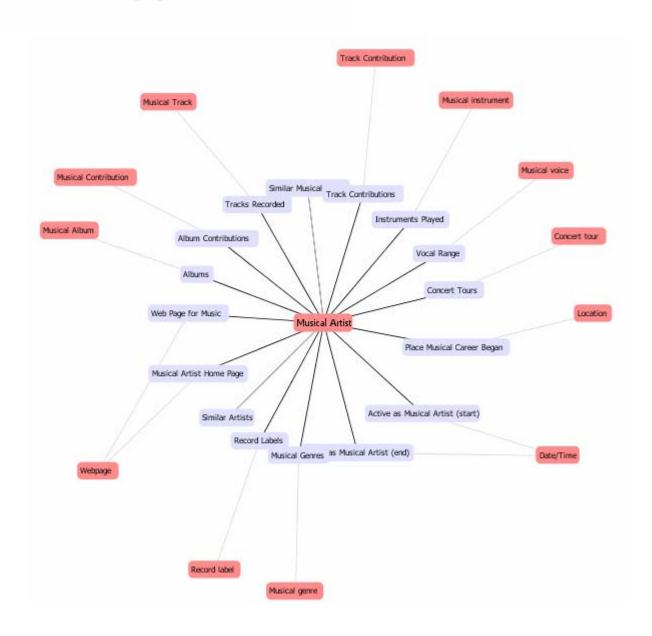




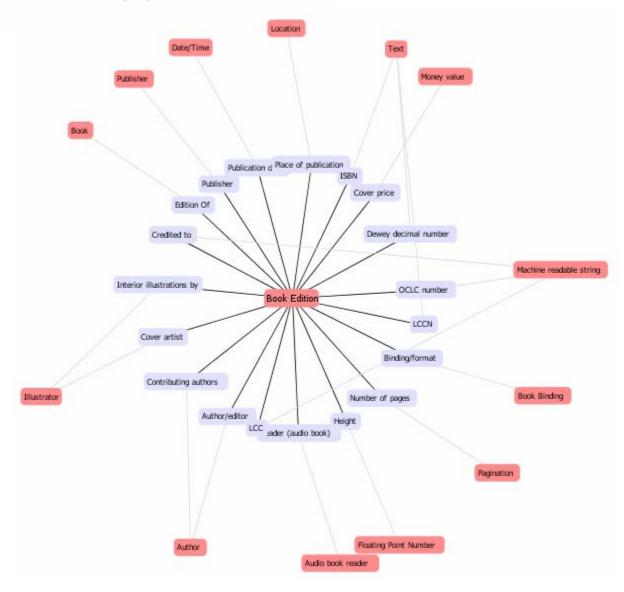














**Explore** 

Make

Help

jpersons | Settings | Sign out

Keyword search Freebase

Search

### Composition schema

A Composition is any musical composition, ranging from baroque symphonies to commercial jingles. A Composition may have multiple parts (which are... more

Type made by crism for the Music Commons

Type History »

Display: **Standard** Suggested properties most recent: dates and location of composition - by arielb Sep 8, 2008

10:02:15PM UTC

Composition Properties /music/composition		
Property Name	Data Type	Property Description
Composer composer	Composer links in as Works Composed	The person or people who wrote the music for this composition.
<b>Lyricist</b> lyricist	Lyricist links in as Lyrics Written	If this composition includes words (e.g., pop songs, operatic arias, choral masses), the person or people who wrote the words.
Includes includes	Composition links in as Part of	Smaller compositions which are part of this one (e.g., movements of a symphony).
Part of part_of	Composition links in as Includes	Larger compositions which incorporate this one (e.g., a symphony of which this is a movement).
Arrangements arrangements	Arrangement links in as Arrangement of	Other compositions which are arrangements of this composition.
Recorded versions recordings	Musical Track links in as Recording of Composition	Tracks which record this entire composition. (If a long composition, such as a symphony, are recorded as multiple tracks on an album, use "Recorded as album.")
Recorded as album recorded_as_album	Musical Album links in as Compositions	Albums which primarily or entirely consist of this composition (usually used for symphonies or other multi-part compositions).

#### **Composition Topics**

- Bridge Across Forever
- Sudrabā
- Outland: The Mine (The National Philharmonic Orchestra)
- Lemon Incest
- Shadows

View All »

#### **Related Types**

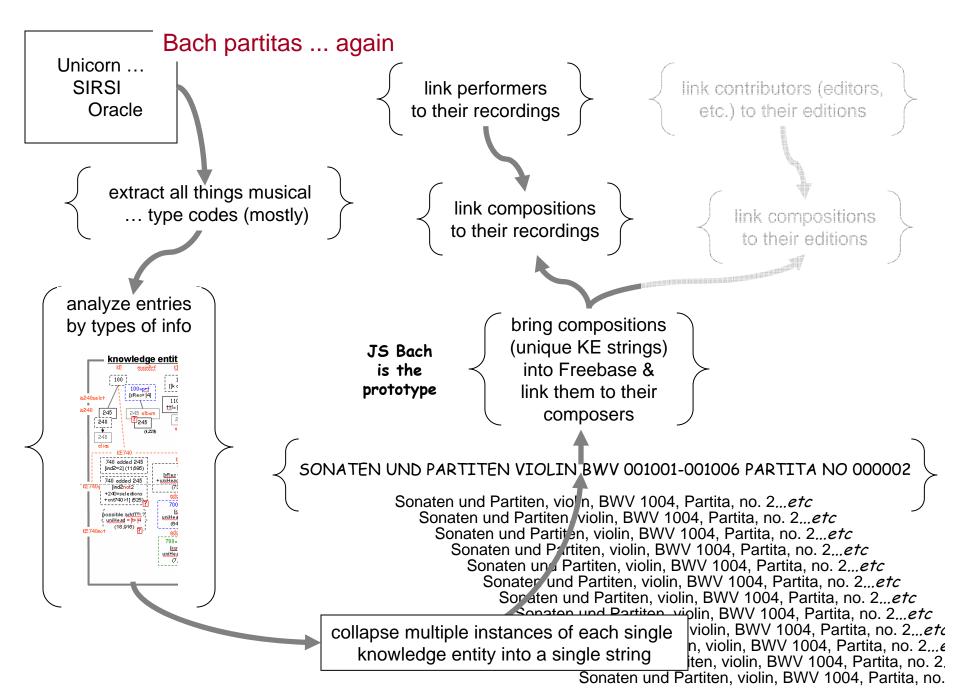
#### **Music Types**

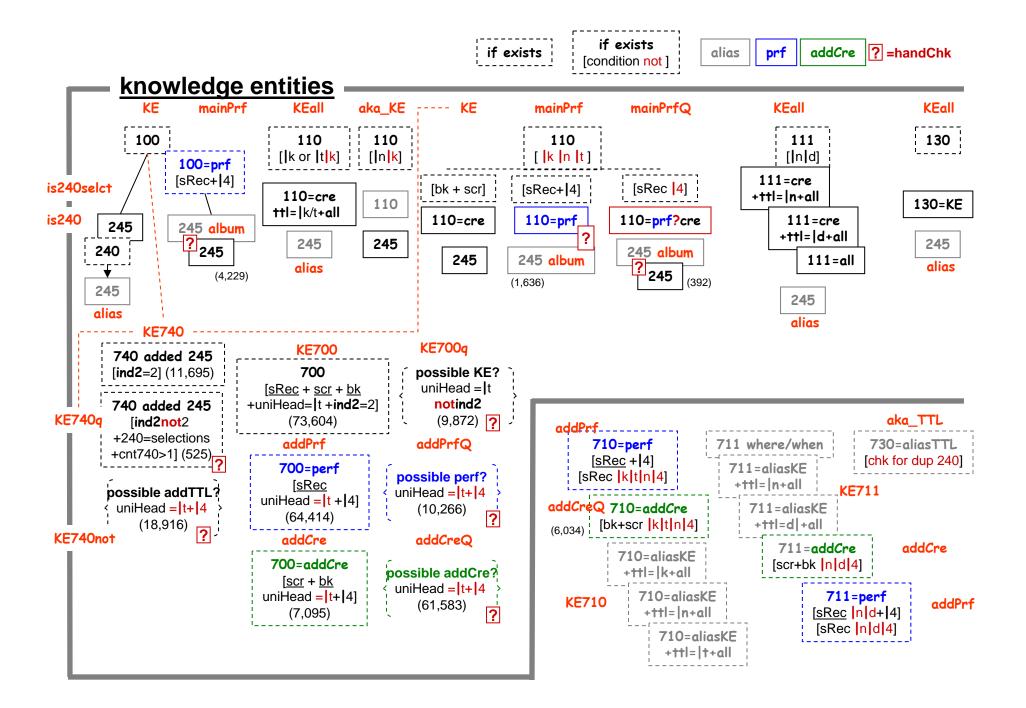
- Musical Group Membership
- Musical Contribution
- Musical Album
- Musical Album Type

more

#### Similar Types

- Song
- Musical Track
- Topic
- Arrangement
- National Anthem





```
person
100 (142,915)
700 = 228.728
sound rec = 144,602
 uniHead | t =68,803 (tag=| t=68,776)
  w/indcator02=2=64,335 (xcld 4,468 not)
 uniHead not | t=74,640 (| 4=64,414, xcld 10,226 not)
scores = 56.395
 uniHead | t = 11,900 (tag= | t = 12,057)
  w/indcator02=2=8,032 (xcld 3,868 not)
 uniHead not | t=44,076 (|4=6,049 xcld 38,027 not)
books = 27.731
 uniHead |t=2,748| (tag=|t=2,772)
  w/indcator02=2=1.236 (xcld 1.536 not)
 uniHead not | t=24,062 (|4=1,046, xcld 23,556 not)
not = need hand coding, so xcld'd
```

```
org -- null 100
            110 = 5,842 (2031=|k) +all w/245
           is |k \rightarrow |k = ttl \text{ incld } |t = 24x = alias (2031)
            is |n + not|k \rightarrow 110 = alias __245 = ttl (7)
            is |t \rightarrow 110 = auth |t = ttl __24x = alias (67)
     not |k| n | t + is fmt 2.6 \rightarrow 110 = auth __24x = ttl (1702)
  not |k| n |t + is |4 + is fmt 92 \rightarrow 110 = prf! __24x = ttl (1,636)
ttl here may= collective album title!! ...wrks in 700 |t chk these!!
  not |k| |n| |t + not| |4| + is fmt |92| \rightarrow 110 = auth __24x = ttl (392)
   !! hand check these !! (mixed 110=orgAuth & 110=prf)
                         =-=-=-=-=
                        [edited |k |n |t glitches]
   710=31,744 (2024=|k) + 2,554 w/ |t_uni_head
             1st: formt=92 + |4 =treat as prf (19,750)
     1st: formt=2or6 +|4=prf (36) prnt+sound mixed xcld
1st: formt=2or6 +|4 not prf +not |k |n (26) =treat as alt creator
                      2<sup>nd</sup>: not |k |t |n |4 (9.395)
            2<sup>nd</sup>: formt=92 =treat as role=perf (3,361)
  2<sup>nd</sup>: formt=2or6 710=org =treat as alt creator (6,034) chk
=-=-=-=-=-=-=
                                                                 these!!
       3<sup>rd</sup>: for all following → 240/245 =entity 710 =alias
            is |k \rightarrow 710 = \text{org} + |k = \text{ttl incld}| + (2,024)
              is |n \text{ not } |k| \text{ } t \rightarrow 710 = \text{org } + |n = \text{ttl } (126)
          is any remaining |t \rightarrow 710 = \text{org} + |t = \text{ttl} (497)
                        [edited |k |n |t glitches]
```

```
role aka |4
a few coexists w/ |t
[edited glitches]
```

includes 2=book 6=score 92=record
excludes: 3=mss 5=VM 7=serial 8=map 9=mrdf

```
uniform title -- null 100
130 = 946 +all w/245
24x =alias
730=2974 + 0 w/ |t_uni_head
730 =alias
note: frequent duplicates of 240 seen
```

240 uniform title (85,854) 245 transcribed title (167,449)

```
meeting -- null 100

111 = 704 +all w/245

if |n \rightarrow 111 = org; |n = ttl | |a = ttl | |a
```

```
711=577 + 0 w/ |t_uni_head if |n \rightarrow711=org; |n =ttl incld |d+ (144) not |n + is |d \rightarrow 111=org; |d+=ttl (198) not |n +not |d +is |4 \rightarrow strg=org prf (97) not |n +not |d +not |4 \rightarrow whole strg=org ...then format=92=treat as |4prf (74) ...then format =2,6 whole strg =org (64) =-------
```

always a during where/when alias

```
651 = 1.289 = \rightarrow xcld for now
```

#### excluded

```
600 = 35,224 +5,853 w/ |t_uni_head
610 = 4,026 (175=|k) +113 w/ |t_uni_head
611 = 171 + 0 w/ |t_uni_head
630 = 532 + 0 w/ |t_uni_head
```

#### excluded

```
222 = 0
241 = 94 = not
243 = 16 = not
246 = 18.988 =handCoding
247 = 4 = not
650 = 239.110 = not
655/6 = 177 = not
69x = 14.510 = not
700
                  sound+ score + books
700 +lt not Ind2=2 (4.468 + 3.868 + 1.536)
700 not |t not |4 (10,226+38,027+23,556)
710 scr+bks |4=prf 36 (prnt+sound mixed)
720 = 65 = not (le advisor)
740 = 18.916 =handCoding
760/2 = 4 = not
770/2/3/6/7 = 11 = not
780/5/7 = 5 = not
79x = 650 = not
840/80 = 43 = not
960/2 = 186 = not
```

### Freebase sandbox ...

search argument: parti\*

- · "Prelude" from Partita No. 3 for Solo Violin
- Partita Wenn wir in höchsten Nöten sein, BWV Anh. 78
- Partitas, BWV 997, C minor
- Partitas, BWV 997, C minor, arr.
- Partitas, flute, BWV 1013, A minor
- Partitas, flute, BWV 1013, A minor, arr.
- · Partitas, harpsichord, BWV 825, Bb major
- Partitas, harpsichord, BWV 825, Bb major. Allemande
- Partitas, harpsichord, BWV 825, Bb major. Menuet, no. 1
- Partitas, harpsichord, BWV 825, Bb major. Praeludium
- Partitas, harpsichord, BWV 825-830
- Partitas, harpsichord, BWV 826, C minor
- Partitas, harpsichord, BWV 826, C minor. Rondeau
- · Partitas, harpsichord, BWV 826, C minor. Sarabande
- Partitas, harpsichord, BWV 827, A minor
- · Partitas, harpsichord, BWV 827, A minor. Gigue
- · Partitas, harpsichord, BWV 828, D major
- · Partitas, harpsichord, BWV 828, D major. Sarabande
- · Partitas, harpsichord, BWV 829, G major
- · Partitas, harpsichord, BWV 829, G major. Praeambulum
- · Partitas, harpsichord, BWV 829, G major, Selections
- Partitas, harpsichord, BWV 830, E minor
- · Partitas, violin, BWV 1004, D minor. Chaconne
- · Partitas for keyboard
- Partite diverse sopra Ach, was soll ich Sünder machen?
- · Partite diverse sopra Christ, der du bist der helle Tag

- Partite diverse sopra O Gott, du frommer Gott
- Partite diverse sopra Sei gegrüsset, Jesu gütig
- Präludium und Partita, harpsichord, BWV 833, F major
- Sarabande con partite, keyboard instrument, BWV 990, C major
- · Sonaten und Partiten, violin
- Sonaten und Partiten, violin, BWV 1001-1006
- · Sonaten und Partiten, violin, BWV 1001-1006; arr.
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 1
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 1. Double, no. 3
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 1. Sarabande
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 1. Tempo di borea
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 1. Tempo di borea; arr.
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2; arr.
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2. Chaconne
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2. Chaconne; arr.
- · Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2. Giga
- · Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2. Sarabande
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3
- · Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3; arr.
- · Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3. Gavotte en rondeau
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3. Gavotte en rondeau; arr.
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3. Preludio
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3. Preludio; arr.
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3. Selections; arr.
- Sonaten und Partiten, violin, BWV 1001-1006. Selections

## Freebase sandbox ...

### search argument: partiten

- Sonaten und Partiten, violin
- Sonaten und Partiten, violin, BWV 1001-1006
- Sonaten und Partiten, violin, BWV 1001-1006; arr.
- · Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 1
- Sonaten und Partiten, violin, BWV 1001-1006, Partita, no. 1, Double, no. 3
- Sonaten und Partiten, violin, BWV 1001-1006, Partita, no. 1, Sarabande
- · Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 1. Tempo di borea
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 1. Tempo di borea; arr.
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2
- · Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2; arr.
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2. Chaconne
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2. Chaconne; arr.
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2. Giga
- · Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2. Sarabande
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3; arr.
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3. Gavotte en rondeau
- Sonaten und Partiten, violin, BWV 1001-1006, Partita, no. 3, Gavotte en rondeau; arr.
- · Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3. Preludio
- Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3. Preludio; arr.
- · Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 3. Selections; arr.
- Sonaten und Partiten, violin, BWV 1001-1006, Selections
- · Sonaten und Partiten, violin, BWV 1001-1006. Selections; arr.
- Sonaten und Partiten, violin, BWV 1001-1006, Sonata, no. 1
- · Sonaten und Partiten, violin, BWV 1001-1006. Sonata, no. 1; arr.
- Sonaten und Partiten, violin, BWV 1001-1006, Sonata, no. 1. Adagio
- · Sonaten und Partiten, violin, BWV 1001-1006. Sonata, no. 1. Presto; arr.
- Sonaten und Partiten, violin, BWV 1001-1006, Sonata, no. 1, Siciliano; arr.
- Sonaten und Partiten, violin, BWV 1001-1006, Sonata, no. 2
- · Sonaten und Partiten, violin, BWV 1001-1006. Sonata, no. 2. Andante
- Sonaten und Partiten, violin, BWV 1001-1006. Sonata, no. 2. Andante; arr.

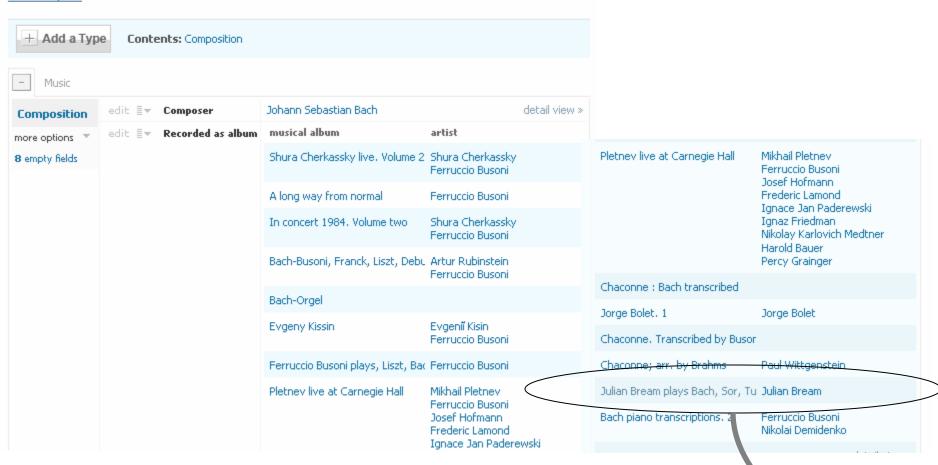
- Sonaten und Partiten, violin, BWV 1001-1006. Sonata, no. 2. Fuga
- Sonaten und Partiten, violin, BWV 1001-1006. Sonata, no. 3
- Sonaten und Partiten, violin, BWV 1001-1006. Sonata, no. 3; arr.
- Sonaten und Partiten, violin, BWV 1001-1006, Sonata, no. 3, Allegro assai

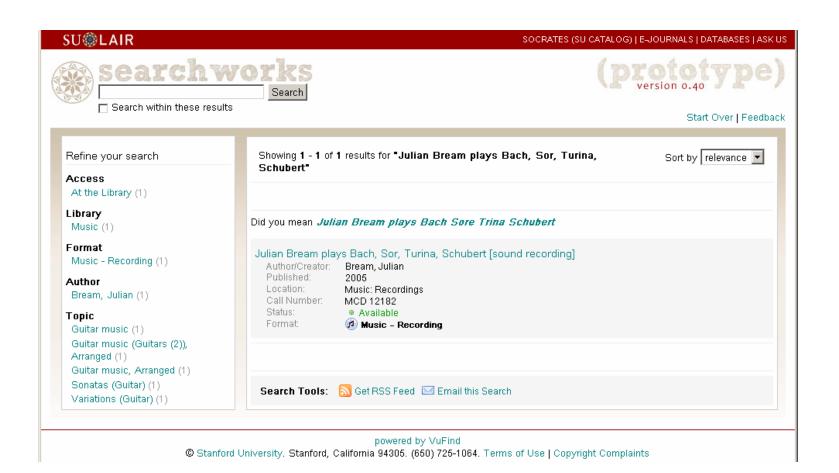
# Sonaten und Partiten, violin, BWV 1001-1006. Partita, no. 2. Chaconne; arr. topic

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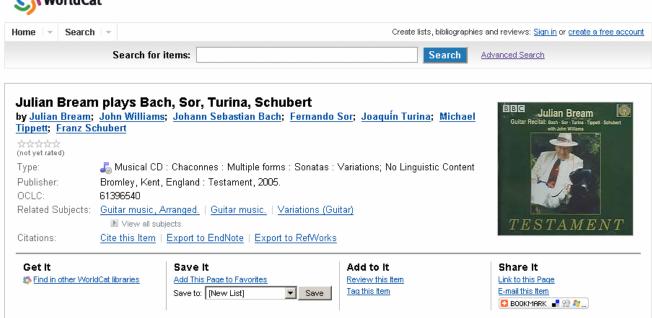
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## W W ... in the flow

### network effect

- sites improve as traffic and use increases
- emergent user behavior not predetermined
- emergent user behavior trumps services

### small pieces, loosely joined

- remix, mash-up, mesh-up, ...
- granular accessibility trumps services

data is the intel inside

The coolest thing to do with your data will be thought of by someone else

### WWW... in the flow



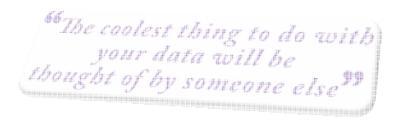
### network effect

- sites improve as traffic and use increases
- emergent user behavior not predetermined
- \* emergent user behavior trumps "a directed, labeled, multigraph model of knowledge"

### small pieces, loosely joined

- remix, mash-up, mesh-up, ...
- \* granular accessibility trur \* community built
  - · freely available
  - database of knowledge

data is the intel inside



[1] What is Web 2.0

http://www.oreillynet.com/pub/a/oreilly/tim/news/2005/09/30/what-is-web-20.html

[2] Internet world Stats

http://www.internetworldstats.com/stats.htm

[3] JISC, CRIG ... Common Repository Interface Group http://www.ukoln.ac.uk/repositories/digirep/index/CRIG

[4] John Giannandrea, Freebase [at PARC, April 2008]
<a href="http://video.google.com/videoplay?docid=-4335067027488641924">http://video.google.com/videoplay?docid=-4335067027488641924</a>

[5] Freebase Typeviewer

http://dev.mqlx.com/~darin/ftv/

#### other Freebase URLs

· schema viewer

http://mjtemplate.org/examples/schemas/

schemas in browser view

http://www.freebase.com/view/music#domain-schema

parallax view

http://mqlx.com/~david/parallax/

MQL editor

http://www.freebase.com/tools/queryeditor

• API, Acre, etc.

http://www.freebase.com/make