

Organizing Music For Movies

Charlie Inskip, City University London;
Andy MacFarlane, City University London and
Pauline Rafferty, University of Aberystwyth

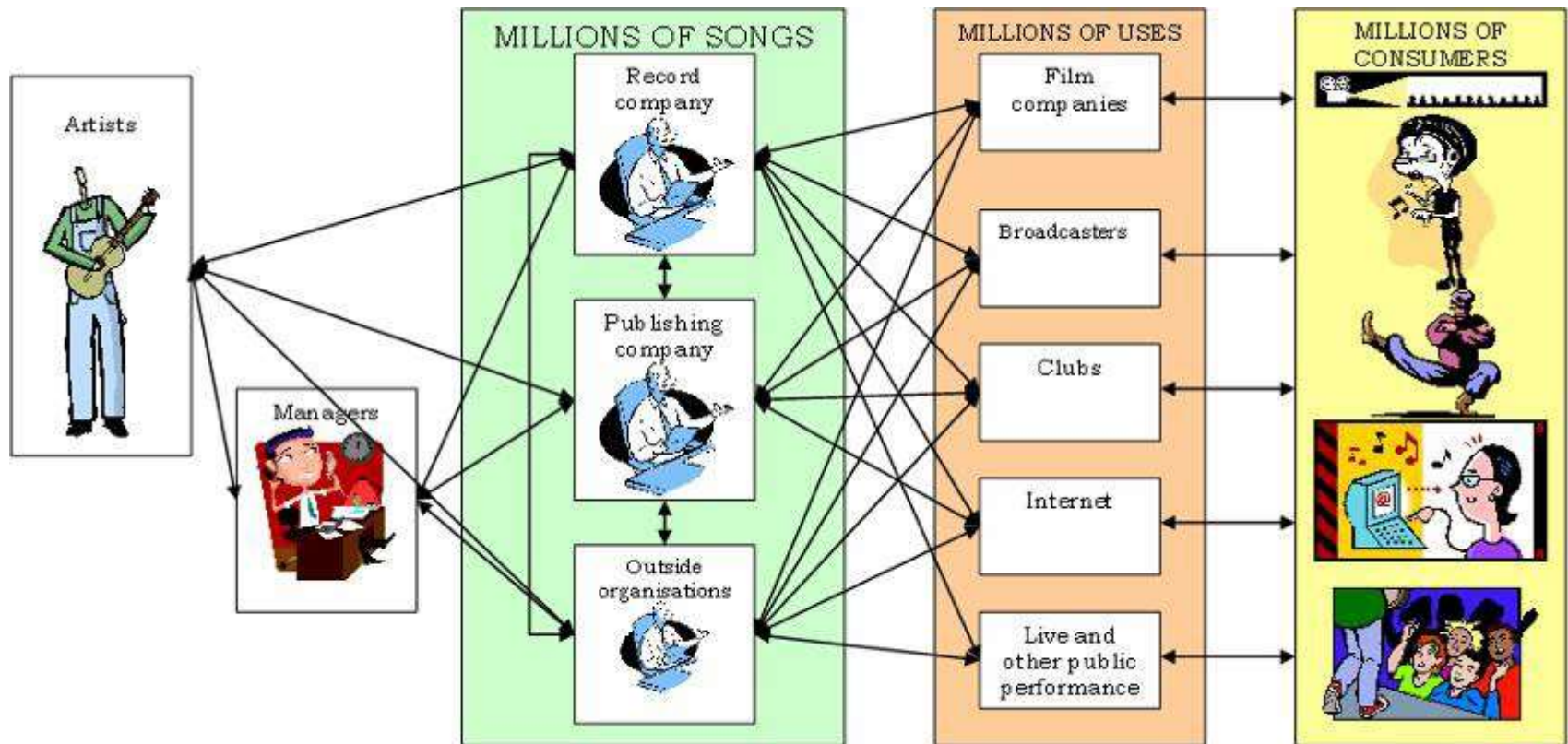
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Summary

- Music industry, synchronisation
- Search engines text analysis
- Indexing and...
 - domain analysis
 - music semiotics
- Summary
- Recommendations
- Further research

Music Industry



Music Synchronisation

Images removed for copyright purposes

Music Search Engines

LOGIN

NAME

PASSWORD:

SONG SEARCH

HOME NEW RELEASES BENJI PLAYER
NEWS CHARTS MY PROJECTS
SONG SEARCH FEATURED WRITERS ABOUT US
HELP LIBRARY PEDL
MUSIC SHOP MUSICAL THEATRE

SELECT AN AFFILIATE:
Warner/Chappell UK

SONG SEARCH BROWSE **ADVANCED SEARCH** SEARCH HELP

Search Music:

Source:
TERRITORY:
United Kingdom

Search:
Song Title

SELECT A SEARCH STYLE:
Begins with

ENTER KEYWORD(S)

Decade: No Selection Or Year (yyyy):

Chart: No Selection


Genre: No Selection

Subject: No Selection

Tempo: No Selection

Vocal Mix: No Selection

Language: No Selection



Warner Chappell Music

Copyrighted

Music Search Engines

Home Around the World The Music A & R Solutions Licensing Solutions

THE WORLD'S LEADING MUSIC PUBLISHER

EMI
MUSIC PUBLISHING

WHERE SONGS LIVE

song search & license
BY SUBJECT

Select a keyword to view a list of related songs. Use our [advanced search](#) if you

STEP 1: SELECT A COUNTRY

Licensing for: Any Country

When you select a country the search will be limited to songs available for lic
Selecting "Any Country" ignores country availability.

STEP 2: SELECT A SUBJECT

Holiday	Genre
<input checked="" type="radio"/> Christmas	<input type="radio"/> 1960's #1's
<input type="radio"/> Halloween	<input type="radio"/> 1970's #1's
<input type="radio"/> Things That Go Bump In The Mic	<input type="radio"/> 1980's #1's
	<input type="radio"/> 60's Pop
Love	<input type="radio"/> Acoustic/Contemporary
<input type="radio"/> Again/Over & Over	<input type="radio"/> Alternative
<input type="radio"/> Always	<input type="radio"/> Asian
<input type="radio"/> Assurance	<input type="radio"/> Ballads/Contemporary

SITE SEARCH [] GO

SONG SEARCH & LICENSE MY PROJECTS GO

TOP SONGS ONLY SEARCH TIPS

LICENSING FOR Any Country

SONG TITLE []

ARTIST []

WRITER []

HIT YEAR FROM [] TO []

ALBUM []

LABEL []

FILM/SHOW []

COUNTRY OF ORIGIN Any Country

SPECIAL MASTER ONE STOP EMI MASTER

MOOD Any Aggressive Brooding

GENRE Any Rock R&B/Soul

BEAT select

TEMPO select

ENERGY select

CLEAR GO

QUICK ADVANCED LYRIC BY SUBJECT

Rain

Seasons

Spring

Music Search Engines

SONY/ATV MUSIC PUBLISHING

MUSIC SEARCH NEWS WRITERS CONTACT

MUSIC SEARCH Help

Advanced Search

Exact Match:

Song:

Version:

Album:

Writer:

Artist:

Keyword:

Genre:
ALTERNATIVE/INDIE
BLUES
CLASSICAL
COUNTRY
DANCE
ELECTRONIC
FESTIVE/RELIGIOUS
JAZZ/BLUES
JAZZ/POP
JAZZ/R&B
JAZZ/SWING
JAZZ/TROOP
JAZZ/UNCLASSIFIED
JAZZ/VA
JAZZ/WORLD
JAZZ/OTHER
JAZZ/OTHER

Tempo:

Label:

Controlled Territory:

Release Year: -

One Stop Shop: yes no whatever

Category:

Length: : - :

Originating Territory:

Welcome SATV Guest User

SEARCH MUSIC

Song:

Album:

Writer:

Artist:

Keyword:

Category:

Exact Match:

All Territories:

[goto advanced search](#)

Top Streams Recent Uploads Latest Playlists

- [22] HAH PLAN (ORIGINAL ...
- [16] POKERFACE
- [16] WALK WITH ME IN HELL
- [15] LOVE STORY

Music Search Engines

SONG SEARCH

Chrysalis Music

FIND • **BROWSE** • **KEEP** • **PROJECTS**

• SIMPLE SEARCH
• ADVANCED SEARCH

Genres

- 60's Sound
- 70's Sound
- 80's Sound
- Acid House
- Acoustic
- Alt Country

ANY **ALL** **CLEAR**

Styles & Moods

- Aggressive
- Angry
- Anthemic
- Atmospheric
- Bitter
- Bouncy

ANY **ALL** **CLEAR**

Topics & Keywords

- Adolescence
- Adoration
- Adultery
- Africa
- Age
- Alcohol

ANY **ALL** **CLEAR**

Date Range

Word Search
Type a word or phrase to search for:

Search type
 Exact phrase

Search in
 Title

• SEARCH
• START OVER
• HELP

Music Search Engines

UNIVERSAL MUSIC PUBLISHING GROUP
SYNCHEXPRESS



HOME * SEARCH * LICENSING * UIP * EASY CLEAR * STAFF PICKS * NEW RELEASES * SAMPLERS * SONG LISTS

SEARCH

SEARCH FOR UMPG SONGS

ENTER OR SELECT ALL THAT APPLY

ARTIST

WRITER

SONG TITLE

SUBJECT of LYRICS

DATE RANGE TO Enter 4 digits (ex. 1969)

CHART INFO

POSITION

- All
- Top 10
- Top 20
- Top 40
- Top 50

CHART

- All
- Adult Contemporary
- Alternative Rock
- BB Top Catalog Albums
- BB Top Country Albums

YEAR

Enter 4 digits (ex. 1969)

EASY CLEAR

search only Easy Clear songs

WANT TO START OVER? [CLEAR ALL](#)

ADDITIONAL SEARCH PARAMETERS

Hold down CTRL key / Apple key to multi-select.

GENRE

- Any
- Avant Garde
- Beats
- Blues
- Childrens
- Chill
- Classical
- Club

SUB-GENRE

MOOD GROUP

- Any
- Aggressive/Driving
- Ambient
- Angry
- Anthemic
- Atmospheric
- Bittersweet
- Bluesy

MOOD

LANGUAGE

- Any
- English
- French
- German
- Italian

TEMPO

- Any
- Fast
- Medium
- Medium-Fast
- Medium-Slow

INSTRUMENTS

VOCALS

Music Search Engines

ricall
music licensing

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Commercial music

Production music

Unsigned music

quick search

creative search

exact

artist track album

composer keywords lyrics

instrumental

[Click here to search by **Activities**](#) (0)

[Click here to search by **Chart Position**](#) (0)

[Click here to search by **Feelings**](#) (0)

[Click here to search by **Genre**](#) (0)

[Click here to search by **Instrument**](#) (0)

[Click here to search by **Moods**](#) (0)

[Click here to search by **Tempo**](#) (0)

Featured Artists



Bibliographic Facets

FACET	QUANTITY	CONTROLLED / FREE TEXT
Bibliographic		
Artist	6	Free text
Song title	6	Free text
Writer	6	Free text
Year	6	Controlled
Album title	3	Free text
Chart position	3	Controlled
One stop	3	Binary
Originating territory	3	Controlled

Descriptive Facets

FACET	QUANTITY	CONTROLLED / FREE TEXT
Descriptive		
Genre	6	Controlled
Keyword	6	Controlled / Free text
Tempo	6	Controlled
Lyrics	4	Free text
Mood	4	Controlled
Subject	4	Controlled
Vocal mix / instrumental	3	Controlled

Queries (briefs)

- *“We need to avoid the spot from going too ‘mushy’ or ‘schmaltzy’, and therefore wants to be upbeat whilst charming. It doesn’t want to be melancholic, down beat, over the top, over powering or dark, but optimistic, light hearted, contemporary and charming.” (Music brief excerpt)*

Queries (briefs)

- *“We are looking for a great, proper love song. Something unashamedly romantic so don’t be afraid to be sentimental or warm. It should lift the heart. Instinctively we think that the track we need is probably from the 50’s or 60’s, maybe the 70’s. [...] We want a big crescendo at the end, when the main characters kiss and everybody wakes up, so songs that build up to swelling, string-soaked choruses are especially welcome. Lyrics and choruses involving sleep, eyes, waking, dreaming, touch, or some other direct link to the narrative, would be great.” (Music brief excerpt)*

Genre

adult age **alternative** ambient americana ballad band bass beat beats big blue **blues**
british **christmas** classic classical club coast comedy **contemporary** **country**
dance dark desire disco dramatic early easy electric electro electronica euro exotica eyed
fast **female** film **folk** fun funk girl good gospel group guitar hip hop house indie
instrumental **jazz** latin life light lounge **love** male medium memphis metal modern music

neo **new** novelty orchestral party **pop** post-psychedelic punk **rap**
reflective reggae retro revival **rock** rockabilly roll romantic singer slow smooth
soft **songs** songwriter **soul** southern surf swing teen time top **traditional**
upbeat urban **vocal** wave world

Subject

action age air alcohol anthems assurance **baby bad beauty** believe best better big body
box boys bump car **change** cheating child children christmas cities cold come
communication country dance day death **desire** determination **devotion dreams**
drinking driving **DRUGS** easy emi environment eyes falling fame **family** fire food free
friendship **fun future** gambling girls **good** goodbye
happy **heart** hello home hot **life** light loss **love**
luck magic memories money more morning **music names**
need **new night** numbers party **people** questions **rain** road **rock** sky
sleep sorry sports **sun** tears things **time** together **travel** want war
water weather woman work **world you**

Mood

aggressive ambient angry angst anthemic
atmospheric bittersweet brooding calm carefree celebratory confident dark

depressed desire **dramatic dreamy** driven

driving **dynamic** energetic ethereal

euphoric exuberant fiery funky funny graceful

happy **high** intense joyous jubilant light longing

melancholy mellow **passionate**

reflective **rousing sad**

sentimental **spirited**

time upbeat

Classification and Knowledge organization

- Music metadata - bibliographic
- Domain Analysis
- Musical meaning
- Subjectivity
- Unified interpretation?

Semiotics of pop

Tagg's *Parameters of Musical Expression*

- communication of parties involved
- interests and motivations, attitudes and situations
- non-musical texts (sleeve notes, venues, movements, visuals)
- musical parameters:
 - instrumentation (including timbre, performance techniques),
 - composition (including texture and polyphony)
 - temporal parameters (duration, tempo, metre)
 - tone (pitch and harmony)
 - dynamics (soft/loud)
- How the communication and the non-musical elements relate to the music itself.

Observations

- This subjective indexing needs to be consistent and reliable
- Catalogues have either not been fully digitized, not been fully indexed, or have been narrowed down to exclude non-priority material;
- There are frequent occurrences of mis-applied keywords, mis-spellings, incomplete metadata, low precision and recall, poor stemming, inappropriate ranking, and difficulties in narrowing down or expanding results sets.
- Although these applications were developed for the User they do not appear to be widely used by them.

Summary

- Genre, Subject, Mood, Tempo
- Domain analytic approach
- Semiotics of pop

Further work

- Evaluate these systems
- Analyse discourses
- Investigate the domain of music synchronization in the context of LIS theory and practice.

Acknowledgements



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Thank you