

## Today Music Industry Challenges, a Search Perspective Pedro Cano

#### **BMAT** HELPS MUSIC **COMPANIES GROW**

GO TO COMPANY











+ CLIENTS







## CLIENTS ACROSS 5 CONTINENTS FROM OVER 35 COUNTRIES



### IFPI 2012 Report: Global Music Revenue Down 3%; Sync, PRO, Digital Income Up

### Digital Music Report 2012

Expanding Choice. Going Global



## IFPI 2012 Report: Global Mus PRO ncome Up

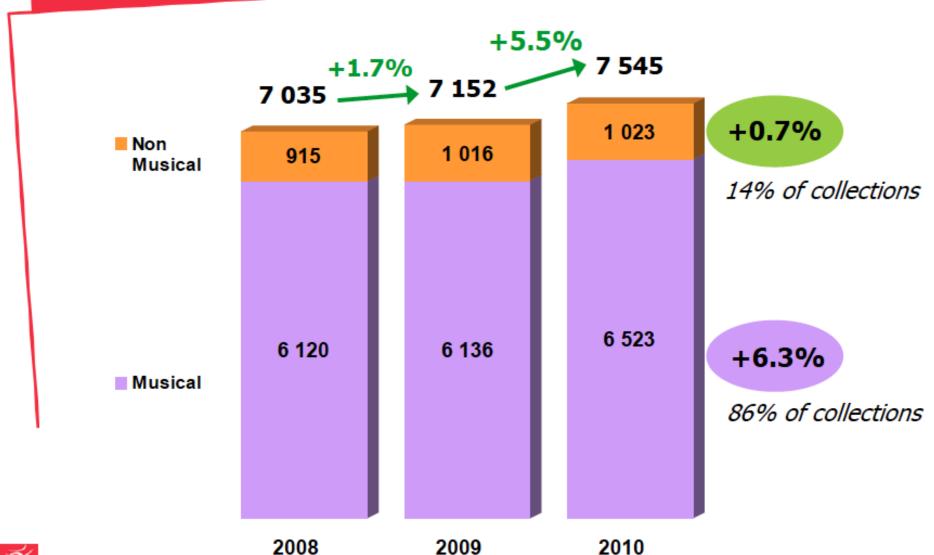
# IFPI 2012 Report: Global Music Re Sync, PR Digital Up

## IFPI 2012 Report: Global Mus PRO ncome Up



#### TREND IN COLLECTIONS BY REPERTOIRE

World - Millions of €





#### TREND IN COLLECTIONS BY REPERTOIRE

World – Millions of €

### 6.500M €

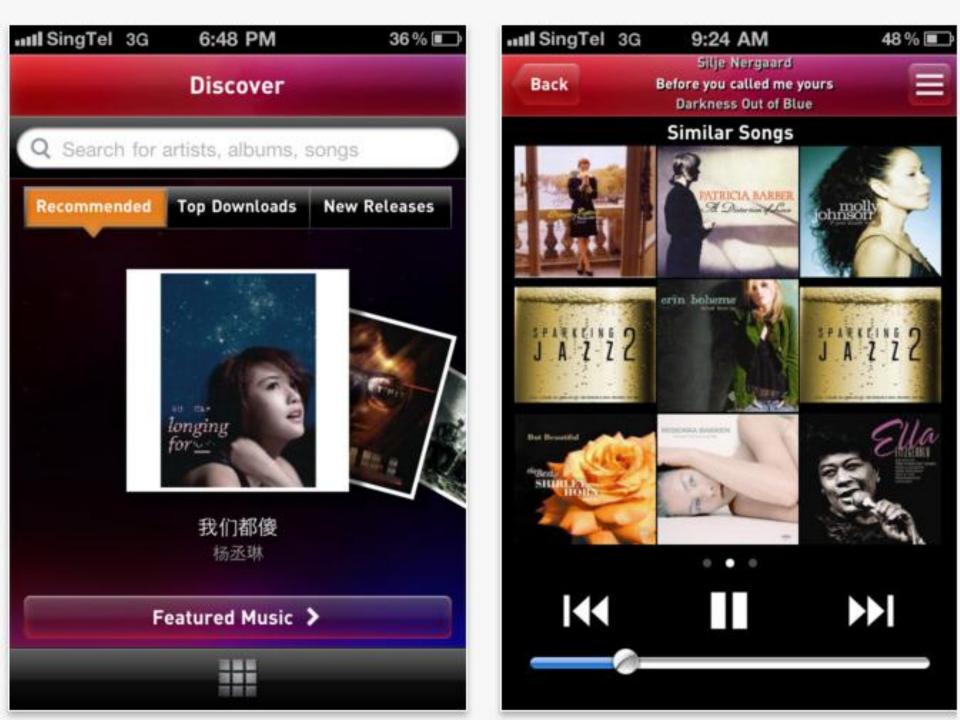




# IFPI 2012 Report: Global Music Ri Sync, PF Digital Up

#### Global digital growth rate accelerates

Digital music revenues to record companies grew by 8 per cent globally in 2011 to an estimated US\$5.2 billion.



## IFPI 2012 Report: Global Mus PRO ncome Up



















































NORTH AMERICA

SESAC





(SOURCE TO BE MONITORED)



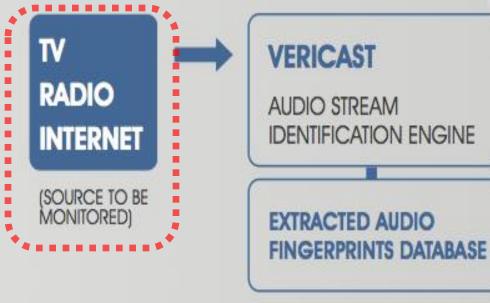
AUDIO STREAM
IDENTIFICATION ENGINE

EXTRACTED AUDIO
FINGERPRINTS DATABASE



#### **IDENTIFICATION REPORT**

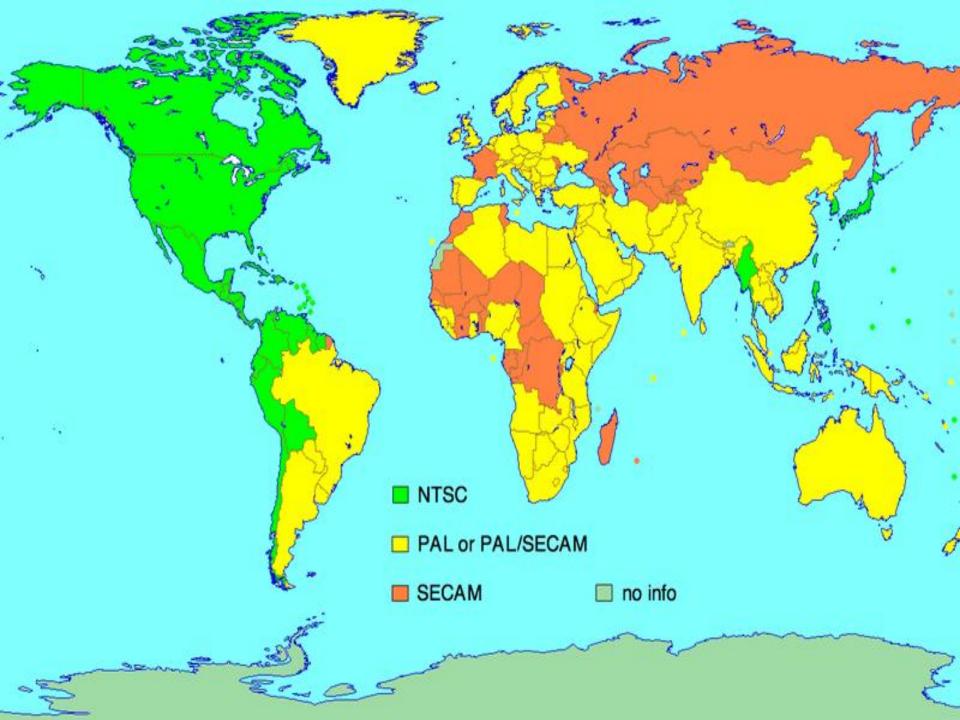
DATE	TIME	LENGTH
2009-03-10	16:15:51	4:03
2009-03-10	16:26:05	3:22
2009-03-10	16:36:25	0:14
2009-03-10	16:38:49	0:16
2009-03-10	16:39:13	0:13
2009-03-10	16:40:53	0:16



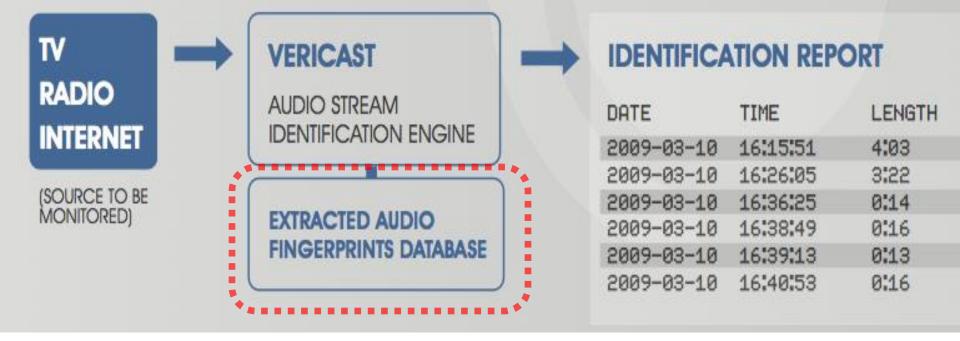


DATE	TIME	LENGTH
2009-03-1	0 16:15:51	4:03
2009-03-1	0 16:26:05	3:22
2009-03-1	0 16:36:25	0:14
2009-03-1	0 16:38:49	0:16
2009-03-1	0 16:39:13	0:13
2009-03-1	0 16:40:53	0:16

# Radio & TV













#### **ALTAFONTE**















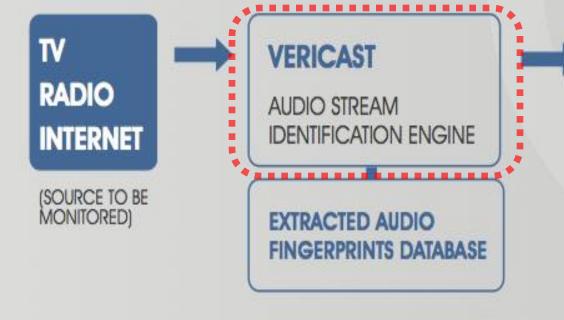
SONY MUSIC







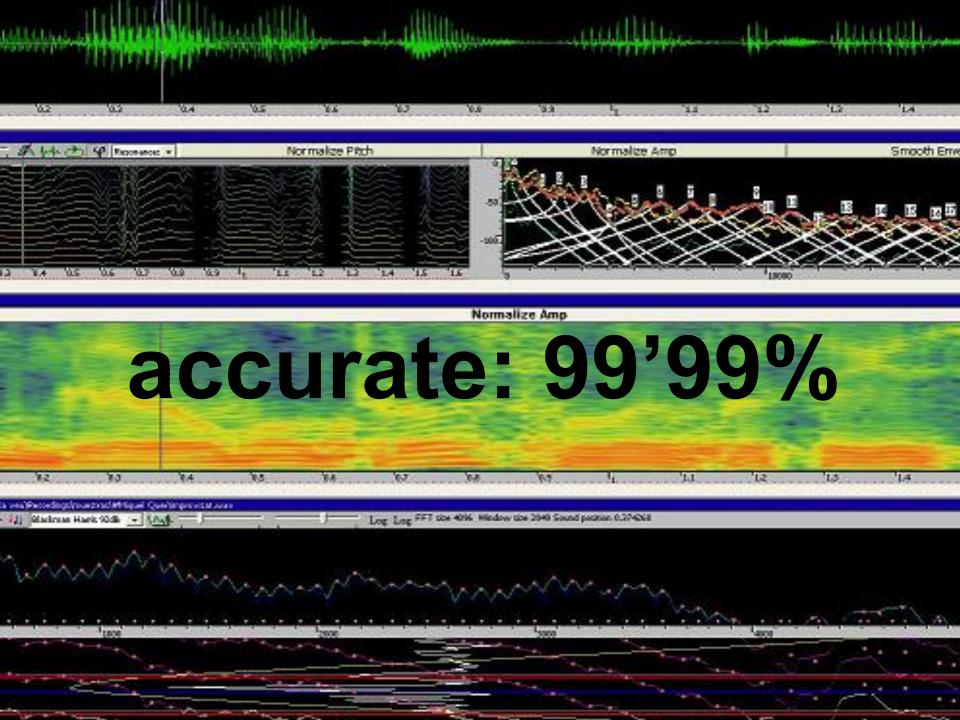




#### **IDENTIFICATION REPORT**

DATE	TIME	LENGTH
2009-03-10	16:15:51	4:03
2009-03-10	16:26:05	3:55
2009-03-10	16:36:25	0:14
2009-03-10	16:38:49	0:16
2009-03-10	16:39:13	0:13
2009-03-10	16:40:53	0:16







## robust: background, short clips, noise





(SOURCE TO BE MONITORED)

#### **VERICAST**

AUDIO STREAM
IDENTIFICATION ENGINE

EXTRACTED AUDIO
FINGERPRINTS DATABASE

#### **IDENTIFICATION REPORT**

DATE	TIME	LENGTH
2009-03-10	16:15:51	4:03
2009-03-10	16:26:05	3:22
2009-03-10	16:36:25	0:14
2009-03-10	16:38:49	0:16
2009-03-10	16:39:13	0:13
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### flexible









### standard





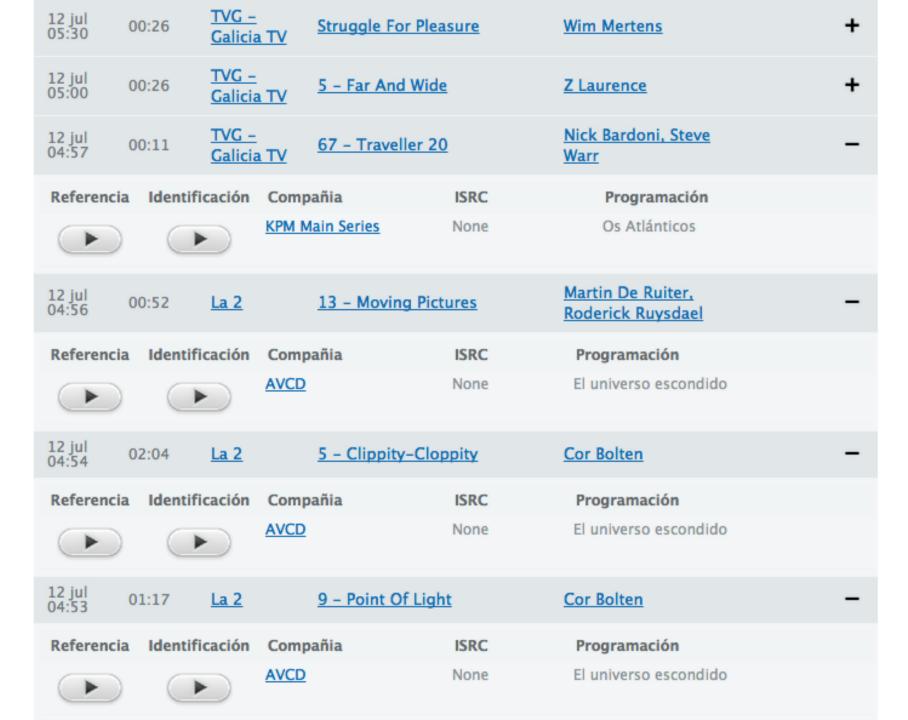
### auditable



### complete













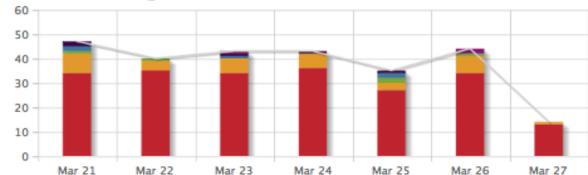




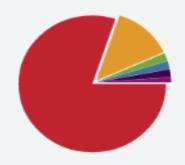




#### **Amália Rodrigues**



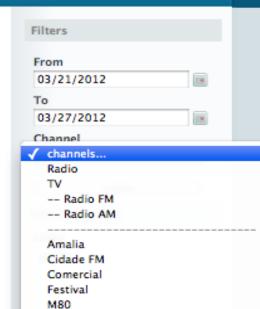
#### **Amália Rodrigues**



Channel	Playcount	Share
Amalia	213	80.08%
Radio Sim	35	13.16%
<ul> <li>Radio Santiago</li> </ul>	5	1.88%
• Festival	5	1.88%
RDP Antena 1	5	1.88%
<ul><li>Others</li></ul>	3	1.13%

#### **Top Tracks**





Mega FM Nova Era Orbital

RFM RR RTP1

RTP2 SIC

TSF TVI

Radio Marginal Radio Santiago Radio Sim RDP Africa RDP Antena 1 RDP Antena 3

# Music Re Digital Up

### Digital Music Report 2012

Expanding Choice. Going Global



#### +20M tracks



#### Help me find it! [Anderson, 2006]



## 1% of tracks account for 80% of sales

Data from Nielsen Soundscan 'State of the (US) industry' report

## 1% of tracks account for 80% of sales

## 3.6 million tracks sold less than 100 copies

### **Music Search**



### **Expert-based**

### **Expert-based**

### Dogs D'Amour

wrong person? more matches HERE



### Years Active

1910 20 30 40 50 60 70 80 90 2000

#### Genre

· Pop/Rock

#### **Styles**

- · Glam Rock
- · Hard Rock
- · Heavy Metal

### Group Members

- Steve James
- Darrel Bath
- Tyla
- <u>Bam Bam</u>
- Jo-Dog

### Similar Artists

- The Crybabys
- Whitesnake
- <u>Tora Tora</u>
- Cinderella

#### See Also

The Wildhearts

### Performed Songs By

- <u>Tyla</u>
- <u>Sean Tyla</u>
  - Steve James

# **Expert-based Collaborative filtering**

## **Expert-based Collaborative filtering**

[Resnick, 1994], [Shardanand, 1995], [Sarwar, 2001]

	İ1	i2		İj	İk	İn
U1						
<b>U</b> 2				R	R	
Ui				R	R	
Um-1				R	Ф	
Um						

# Expert-based Collaborative filtering Context-based













### **Jamiroquai - Canned Heat**

Country UK

Labels Acid Jazz, Sony BMG, Columbia

Genres Funk, Disco, Acid Jazz, Jazz Fusion

Years active 1992 - present

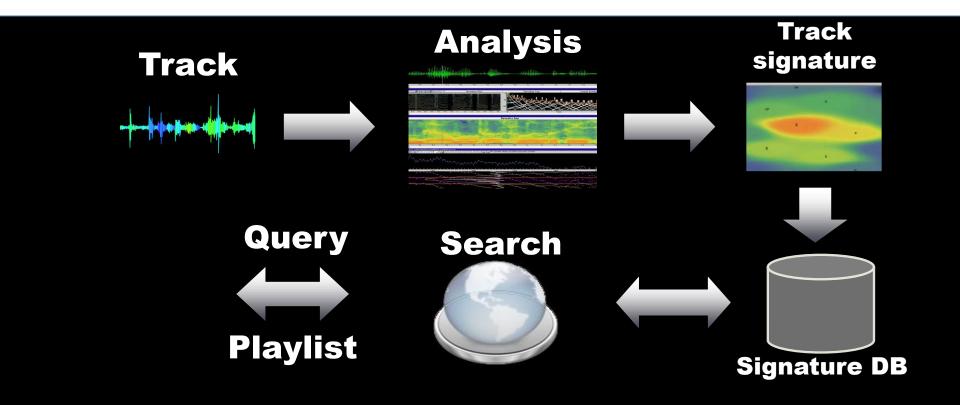
Associated acts Brand New Heavies, Guru, Julian Perretta

**Expert-based** 

**Collaborative filtering** 

**Context-based** 

**Content-based** 



### Analyzing...



### **Jamiroquai - Canned Heat**

Mood: upbeat, energetic.

Rhythm: 120bpm, no rubato, high percusiveness.

Harmony: Dm.

Instrumentation: no electronic, singing voice

Similar to: Sereia Mundo Azul.

### **Challenges**

## IFPI 2012 Report: Global Music Revenue Down 3%; Sync, PRO, Digital Income Up

marzo 26, 2012 | By Richard Smirke, London

## Organize multi-million track collections

## Organize multi-million track collections



C. VelazqueConsuele VelazquezSylar & VelazquezC. VelasquezConsuleo VelàsquezC. Velazquez / SylarVelazquez Velazquez, torres,



# IFPI 2012 Report: Global Mus PRO ncome Up

marzo 26, 2012 | By Richard Smirke, London





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New Age

## thanks

Mainstream

**Teeny Bop** 

Techno

Classical



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