

Music Lists Project

Upgrading Muzieklijstes.nl to 5★ Linked Data

John Walker <<mailto:john.walker@semaku.com>>

Hans van Duijnhoven <<mailto:hd@nobb.nl>>

SEMAKU



Introduction

What are music lists?

- Music lists are (typically) about albums (not singles)
- Compiled by musical professionals
- Mostly once a year
- Usually published in December
- And sometimes during the year (for instance the best soul albums of all time)
- Sources: musical periodicals, newspaper incidentally, the internet
- Countries: the Netherlands, Belgium, UK and the USA
- Is a curated selection (e.g. no lists from Poland, Germany or Hungary)

How is the data gathered?

- Hans buys or obtains a copy of publication
- Manually enter relevant data in an Excel-sheet
- From there data for a list is converted into a static HTML page
- Lists captured dating back to 1970

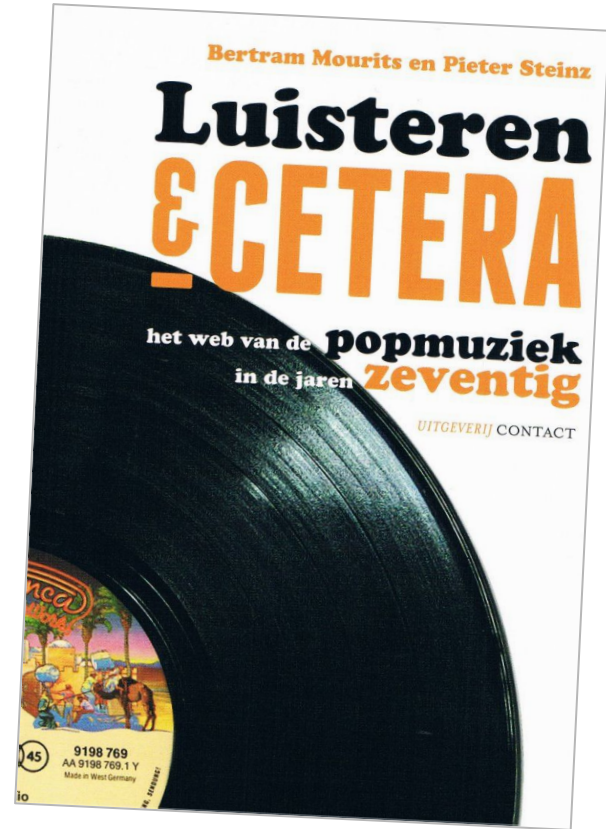


Three kinds of lists

1. **gp** - lists with no order, therefore they are presented in **alphabetical order** (on the name of the group OR the last name of the artist - for instance Bowie, Cash or Dylan and not David, Johnny or Bob) (**gp** = geen positie/no position)
2. **pos** - lists where **number 1 is 'better' than number 50** (**pos** = position)
3. **ak** - lists where it is possible to calculate how many individual list-makers voted for a specific record and on which position (mostly 1-10 or 1-20) (**ak** = aantal keren / number of times)

List 1 - gp - geen positie - alphabetical order

- At the moment: 450 lists
- An unordered list of albums
- Usually presented in some sorted order e. g. by artist name, or album title



Example static HTML page

(HvD, zaterdag 26 november 2011)

1	De master of ceremony op trompet	
Miles Davis	Bitches brew	1970
Miles Davis	Birth of the cool	1949
Miles Davis	Kind of blue	1959
Miles Davis	Miles in the sky	1968
Miles Davis	Pangaea	1975
Miles Davis	Sketches of Spain	1959
Miles Davis	You're under arrest	1985
Louis Armstrong	The complete Hot five and Hot seven recordings	2006
Dizzie Gillespie	School days	1951
Charlie Parker	Jazz at Massey hall	1953
Sun Ra	Sound of joy	1957
James Brown	Live at The Apollo, october 24, 1962	1963
Betty Davis	Betty Davis	1973
Sly and the family Stone	Life	1968
Grateful dead	Anthem of the sun	1968
Jimi Hendrix	Are you experienced?	1967
Carla Bley	Dinner music	1977
Bill Evans	Portrait in jazz	1959
Jon Hassell	Esscinoma	1999

List 2 - pos - ordered lists

- At the moment: 850 lists
- Position number 1 is 'better' than 50
- Easy to handle
- E.g. Kerrang best of 2014



13



Ty Segall
Manipulator
Drag City

After several years firing off in myriad directions on countless releases and side-projects, San Francisco firebrand Segall focuses for a breakthrough album fusing freakbeat psychedelia with buzz-toned garage-punk and a prodigious pop sensibility. Light on its feet and heavy on tunes, thrills and noise, *Manipulator* announces Ty's time as now. **SC**

Standout track: The Faker

12



Caribou
Our Love

11



Sharon Van Etten
Are We There
Jagjaguwar

Love and confessional songwriting are dangerous games: on her fourth album, Van Etten at least wins one of them. Catharsis without purge overkill, *Are We There* finds the Brooklyn-based singer mapping out complicated lives, between coordinates of violent despair and dazed hopefulness. A trip to the dark places that never loses the line of the songs. **VS**

Standout track: Nothing Will Change

10



Damon Albarn
Everyday Robots
Parlophone

Not quite the intimate

9



FKA Twigs
LP1
XL

In 2014, Twigs gigs were intro'd with all of Eno-Fripp's *No Pussyfooting*, setting out the challenging territory Gloucs-born avant-R&B starlet Tahliah Barnett was to inhabit. Her breathy crystal tones, high-wire quirk-attack and grimy insect beats unfolded in tough modern tales of exposure, sex and violence. All this and dancing, too. **DE**

Standout track: Two Weeks

8



6



Steve Gunn
Way Out Weather

7



Julie Byrne
Rooms With Walls And Windows
Orindal

The first long-playing collection from this Buffalo, New York singer-songwriter was possibly the quietest release of the year, but also one of the most lasting, her softly-sung acoustic tales of love, loss and longing possessing the ability to warm rooms and break hearts. **AM**

Standout track: Holiday

5



St. Vincent
St. Vincent
Loma Vista/Republic

The transformative theme and cinematic quality that runs through St. Vincent's fourth album pegs it as her best: from the cover which sees Annie Clarke as a futuristic queen, to the paranoid, jittery funk of the music through to the characters who populate the album's greatest songs, drifting from illusion to illusion. It's an intense, unpredictable ride. **PE**

Standout track: Digital Witness

4



AMERICANA

COMPILED BY SYLVIE SIMMONS

- 1 **Carlele Carter** (above)
Carter Girl (DECCA)
- 2 **Rosanne Cash**
The River And The Thread (DECCA)
- 3 **Sun Kil Moon**
Berli (CALDO VERDE)
- 4 **Howe Gelb**
The Concordist (NEW WEST)
- 5 **Dave Alvin & Phil Alvin**
Common Ground (VEP/ROC)



- 6 **Noah Gundersen** (above)
Ledges (DUAL TONE)
- 7 **Mary Gauthier**
Trouble & Love (PROPER)
- 8 **Marc Olson**
Good-bye Lizzie (GLITTERHOUSE)
- 9 **Sam Amidon**
Lily-O (INDONESIA)
- 10 **Trampled By Turtles**
Wild Animals (BANANAD)



UNDERGROUND

COMPILED BY ANDREW MAIF

Example static HTML page

Samengesteld door de redactie. Bevat een top 50 + tien genrelijstjes.

(# 254 - januari 2015)

1	Beck	Morning phase	2014
2	War on drugs	Lost in the dream	2014
3	Sleaford mods	Divide and exit	2014
4	Jack White	Lazaretto	2014
5	St. Vincent	St. Vincent	2014
6	Steve Gunn	Way out weather	2014
7	Julie Byrne	Rooms with walls and windows	2014
8	Damon Albarn	Everyday robots	2014
9	Fka twins	Lp1	2014
10	Bug	Angels & devils	2014
11	Sharon van Etten	Are we there	2014
12	Caribou	Our love	2014
13	Ty Segall	Manipulator	2014
14	Elbow	The take off and landing of everything	2014
15	Sturgill Simpson	Metamodern sounds in country music	2014
16	Wild beasts	Present tense	2014
17	Angel Olsen	Burn your fire for no witness	2014
18	Kate Tempest	Everybody down	2014
19	Robert Plant	Lullaby and ... the ceaseless roar	2014
20	Manic street preachers	Futurology	2014
21	Aphex twin	Syro	2014
22	Future islands	Singles As & Bs	2014
23	Scott Walker & Sunn 0)))	Soused	2014
24	Mirrel Wagner	When the cellar children see the light of day	2014

List 3 - **ak** - aantal keren / number of times

- At the moment 90 lists / Mainly OOR en Humo
- Difficult to handle
- A separate file in Excel
- Individual lists from roughly 50 music list-makers
- Mostly 10 records, sometimes 20
- Number 1 gets ten points, number 2 nine, number 3 eight etc.
- Excel calculates: **ak** (number of times mentioned and the total sum)



hebben een plaat uitgebracht die om dat mee te maken.'

Best een enge gedachte.'

Hall, Amsterdam

THEO PLOEG (OOR/ FRNKFR/T/GONZO)

1. **LCD SOUNDSYSTEM** - The Long Goodbye
2. **THE ACID** - Liminal
3. **SWANS** - To Be Kind
4. **FLYING LOTUS** - You're Dead!
5. **VON SPAR** - Streetlife
6. **THE BUG** - Angels & Devils
7. **MARTYN** - The Air Between Words
8. **ANDY STOTT** - Faith In Strangers
9. **ROOIE WAAS** - Nu
10. **OBJEKT** - Flatland

KOEN POOLMAN (OOR)

1. **DAMON ALBARN** - Everyday Robots
2. **SISYPHUS** - Sisyphus
3. **APHEX TWIN** - Syro
4. **NAPOLIAN** - Incursio
5. **RUN THE JEWELS** - Run The Jewels 2
6. **ADRIAN CROWLEY** - Some Blue Morning
7. **REAL ESTATE** - Atlas
8. **ANDY STOTT** - Faith In Strangers
9. **ACTRESS** - Ghettoville
10. **NAOMI PUNK** - Television Man

MENNO POT (VOLKSKRANT/ SOUNDZ)

1. **THE WAR ON DRUGS** - Lost In The Dream
2. **SPOON** - They Want My Soul
3. **TYPHOON** - Lobi Da Basi
4. **BECK** - Morning Phase
5. **2562** - The New Today
6. **SHABAZZ PALACES** - Lese Majesty
7. **AVI BUFFALO** - At Best Cuckold
8. **TEMPLES** - Sun Structures
9. **ROBERT ELLIS** - The Lights From The Chemical Plant
10. **SUN KIL MOON** - Benji

ROOSMARIJN REIJMER (3VOOR12 3FM)

1. **CURTIS HARDING** - Soul Power
2. **SOHN** - Tremors
3. **CHET FAKER** - Built In Glass
4. **TEMPLES** - Sun Structures
5. **MOODYMANN** - Moodymann
6. **THOMAS AZIER** - Hylas
7. **THE WAR ON DRUGS** - Lost In The Dream
8. **TOGETHER PANGEA** - Badillac
9. **TYPHOON** - Lobi Da Basi
10. **OWEN PALLETT** - In Conflict

JORIS RIETBROEK (KICKING THE HABIT)

1. **THE WAR ON DRUGS** - Lost In The Dream
2. **SWANS** - To Be Kind
3. **AVI BUFFALO** - At Best Cuckold
4. **TY SEGALL** - Manipulator
5. **DAMON ALBARN** - Everyday Robots
6. **NOUVEAU VÉLO** - Nouveau Vélo
7. **AMEN DUNES** - Love
8. **ARIEL PINK** - Pom Pom
9. **THE NOTWIST** - Close To The Glass
10. **ST.VINCENT** - St.Vincent

Example static HTML page

Verscheen in nummer 12 (december 2014) onder de titel Oor's eindlijst van 2014

1	War on drugs	Lost in the dream	2014	26	173
2	Typhoon	Lobi da basi	2014	16	112
3	Spoon	They want my soul	2014	13	84
4	Temples	Sun structures	2014	12	63
5	Damien Rice	My favourite faded fantasy	2014	11	76
6	Swans	To be kind	2014	10	70
7	Moodymann	Moodymann	2014	10	59
8	Beck	Morning phase	2014	10	56
9	Alt-J	This is all yours	2014	9	49
10	Damon Albarn	Everyday robots	2014	9	48
11	Real estate	Atlas	2014	8	48
12	Flying lotus	You're dead!	2014	8	47
13	Avi Buffalo	At best cuckold	2014	7	51
14	St. Vincent	St. Vincent	2014	7	37
15	Fka twins	Lp1	2014	6	40
16	Acid	Liminal	2014	5	35
17	Jack White	Lazaretto	2014	5	35
18	Moss	We both know the rest is noise	2014	5	30
19	Sun kil moon	Benji	2014	5	29
20	Future islands	Singles As & Bs	2014	5	28
21	Aphex twin	Syro	2014	5	21
22	Caribou	Our love	2014	5	21
23	Kik	2	2014	5	19
24	2562	The new today	2014	5	19
25	Together Pangea	Badillac	2014	5	13
26	Reigning sound	Shattered	2014	4	32
27	Perfume genius	Too bright	2014	4	29

The “Muziekcanon”

- A canon is “*a collection or list of sacred books accepted as genuine*”
- Hans has selected 165 lists for the canon
- Lists that span a broader period, style or genre
- The register counts and delivers an aggregated list: the **muziekcanon**
- At the moment a list with 2211 records
- #1 Never mind the bollocks, here's the Sex pistols



Other features -

- # indicates an album that is not made by a single person or group
 - Tribute CD
 - Soundtrack
 - Compilation album with different artists
- In alphabetical lists these albums come first
- #s (soundtrack) and #trib (tribute album)

Excel input

Multiple worksheets

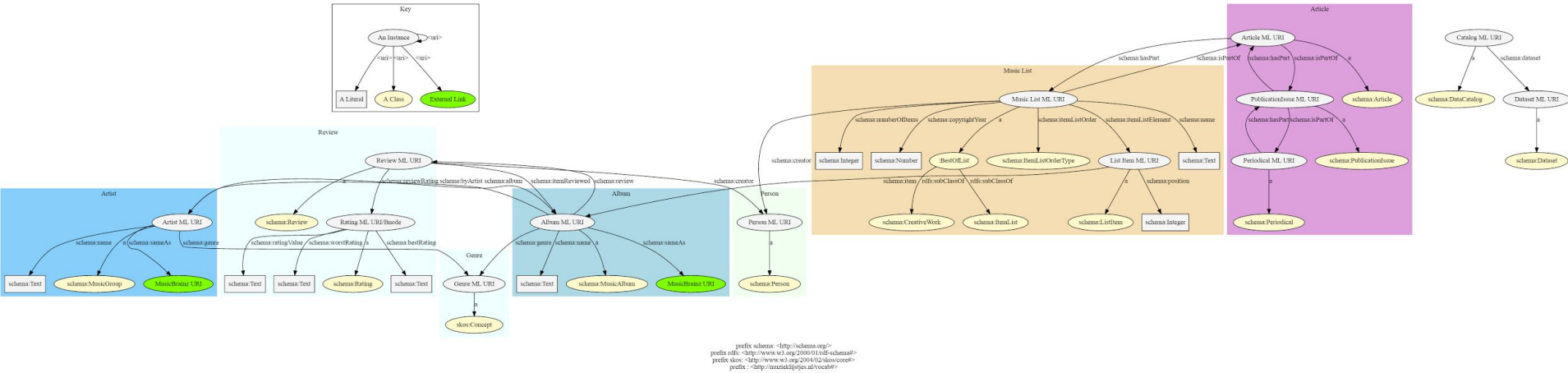
1. The main body
2. Explanation of the lists
3. Explanation of the sources
4. Explanation of the music list-makers, reviewers, people who participate
5. Lists of sections in magazines (Play, Play Reissue)
6. Separate file for OOR (**ak**-lists)

Priorities for a new system to manage the data

1. Unique record for artist and title
2. Manage music lists **and** reviews in magazines
3. Convert to RDF and publish as Linked Data
4. Make UI something like the current Register
5. Only the order has to be reversed (first show the lists and then the reviews)
6. Link with other data OR import data from other sources
7. Always refer to the static HTML-pages. Only ...
8. These have to get a new template
9. Hans doesn't mind stopping with Excel and start with a new system

Conversion to RDF

Music Lists Data Model



<https://rawgit.com/jaw111/7e30adc2ad13d3300ffc/raw/muzieklijstjes.svg>
<https://gist.github.com/jaw111/7e30adc2ad13d3300ffc#file-muzieklijstjes-svg>

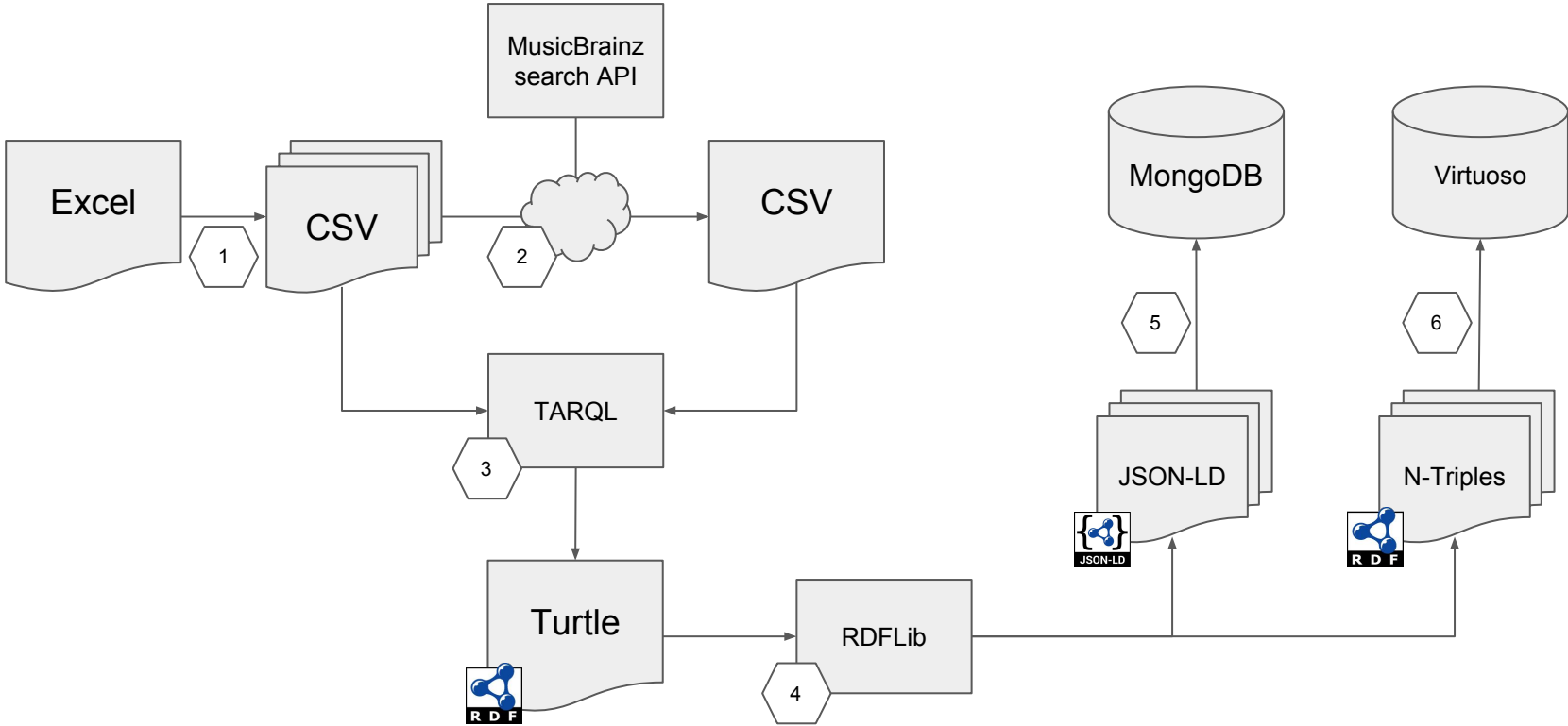
ETL process

1. Convert XLS to CSV
2. Search for MusicBrainz matches via search API
3. Convert CSV to Turtle using TARQL
4. Convert TTL to JSON-LD and N-Triples using RDFLib
5. Upload JSON-LD to MongoDB
6. Upload N-Triples to Cubiss RDF store (Virtuoso)

Implemented in Python for use via Command Line Interface



Data flow ETL



Access to the data

- SPARQL endpoint <http://data.cubiss.nl/sparql>
 - Data is in the named graph <<http://data.cubiss.nl/muzieklijstjes/>>
- Example Linked Data URIs ([results](#))
 - schema:List
 - <http://data.cubiss.nl/muzieklijstjes/id/list/O23>
 - schema:ListItem
 - http://data.cubiss.nl/muzieklijstjes/id/list/H13_cbr/pos1
 - schema:MusicAlbum
 - http://data.cubiss.nl/muzieklijstjes/id/album/Daft-punk_Discovery
 - schema:MusicArtist
 - <http://data.cubiss.nl/muzieklijstjes/id/artist/Metallica>

Some numbers

- 735620 RDF statements generated ([results](#))
- Entities per type ([results](#))
 - 4815 schema:List
 - 105525 schema:ListItem
 - 34990 schema:MusicAlbum
 - 15069 schema:MusicGroup
- schema:sameAs links generated ([results](#))
 - 30443 music albums ← 87% matched
 - 13772 music groups (*but 12796 unique*) ← 85% matched

Generated schema:sameAs links

- Use MusicBrainz search API
 - Allows to search for albums by album name and artist name
 - Is rate-limited
- Returns matched albums including artist with a quality rating
- We use highest rated match above a minimum threshold
- Quality of matches
 - Good when input data is good
 - If album/artist name is inaccurate/ambiguous can lead to strange results
 - http://data.cubiss.nl/muzieklijstjes/id/album/Queen_Queen-rocks---volume-1
 - http://data.cubiss.nl/muzieklijstjes/id/album/Led-zeppelin_Led-zeppelin-1
 - <http://data.cubiss.nl/muzieklijstjes/id/artist/Bob-Dylan>

Music lists app

MEAN stack



MEAN is an acronym for **M**ongo, **E**xpress.js , **A**ngular.js and **N**ode.js

MongoDB - JSON document store

Express - server-side web application framework for web & mobile apps

AngularJS - client-side single-page application framework for web & mobile apps

Node.js - cross-platform runtime env for developing server-side web apps

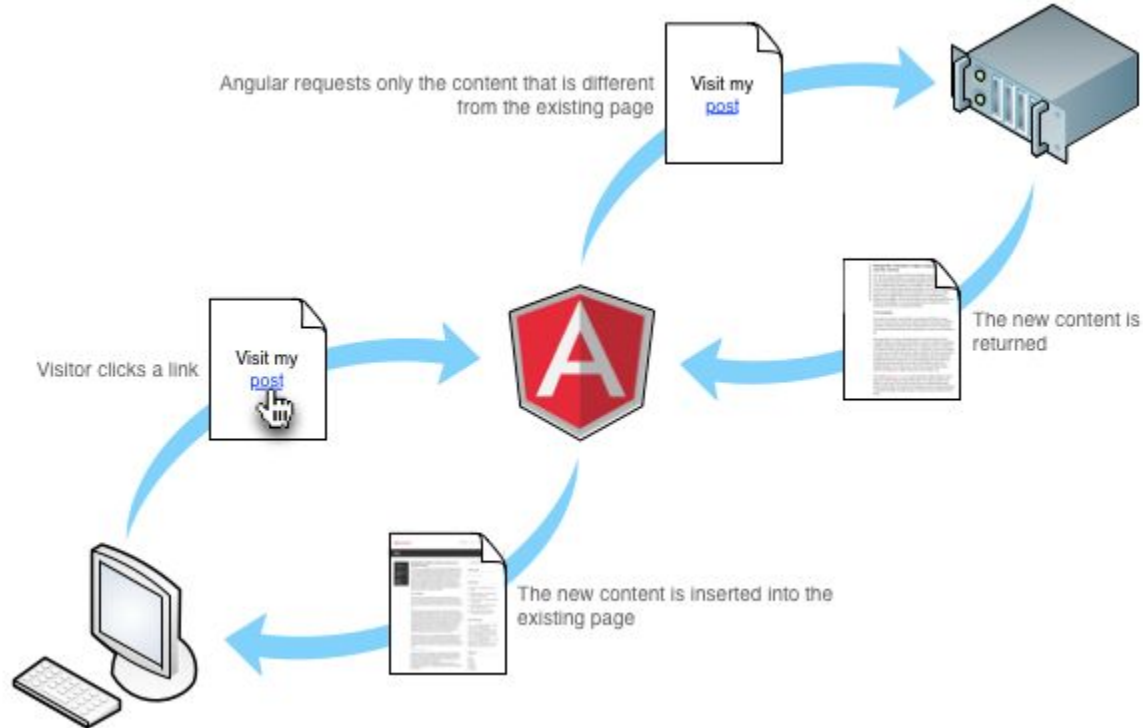
<http://mean.io/>



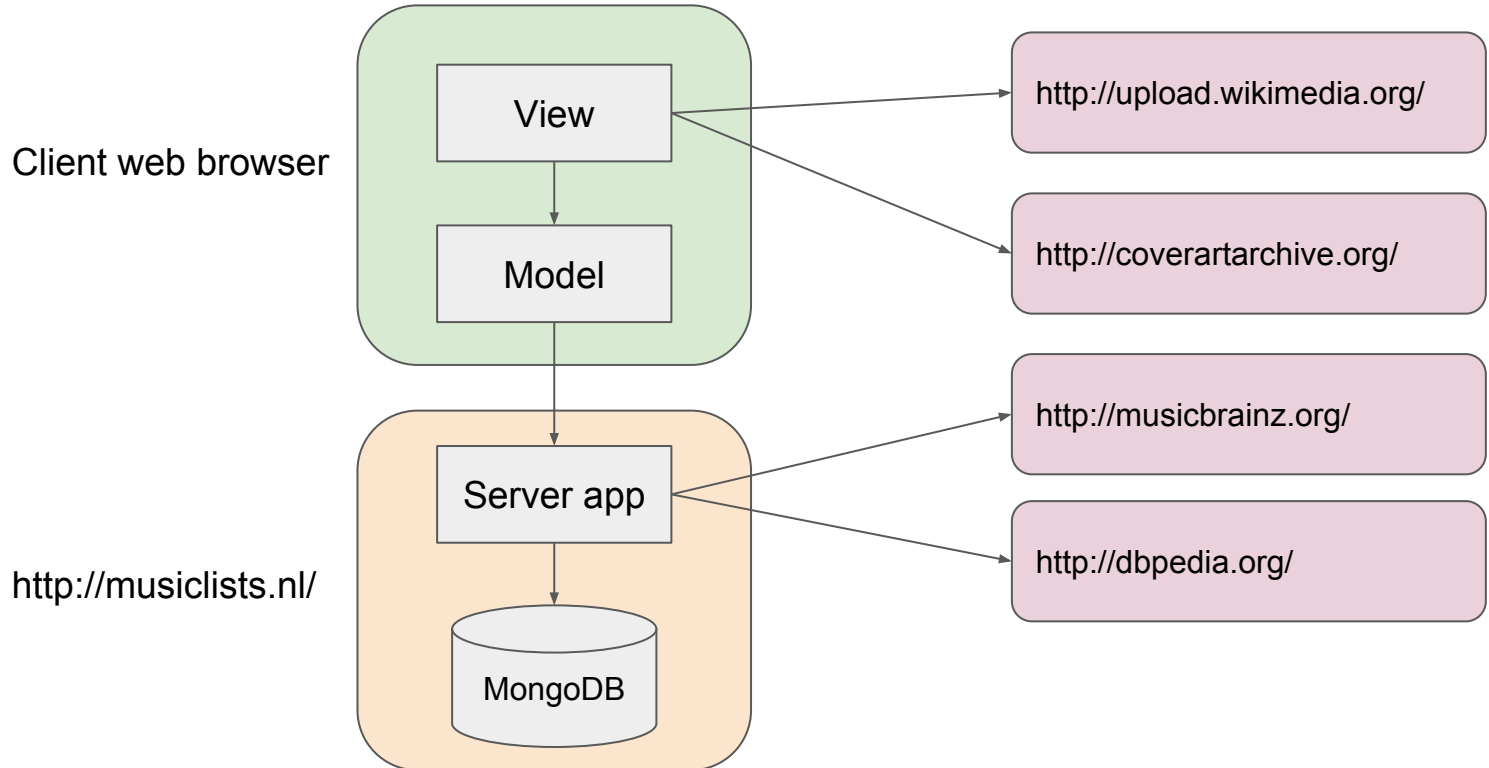
express



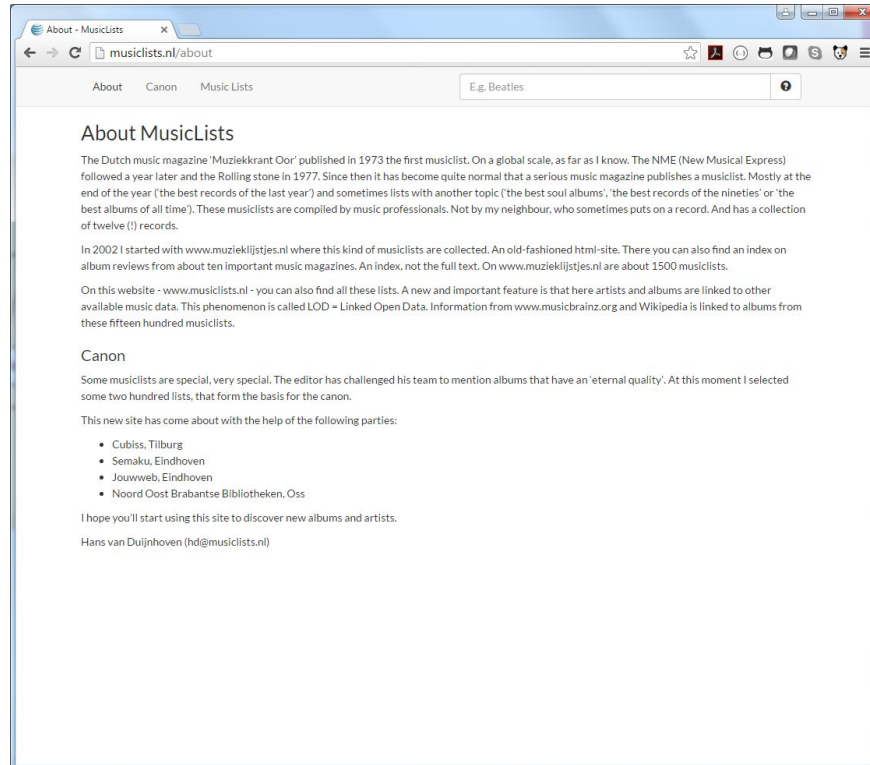
AngularJS application HTTP request/response flow



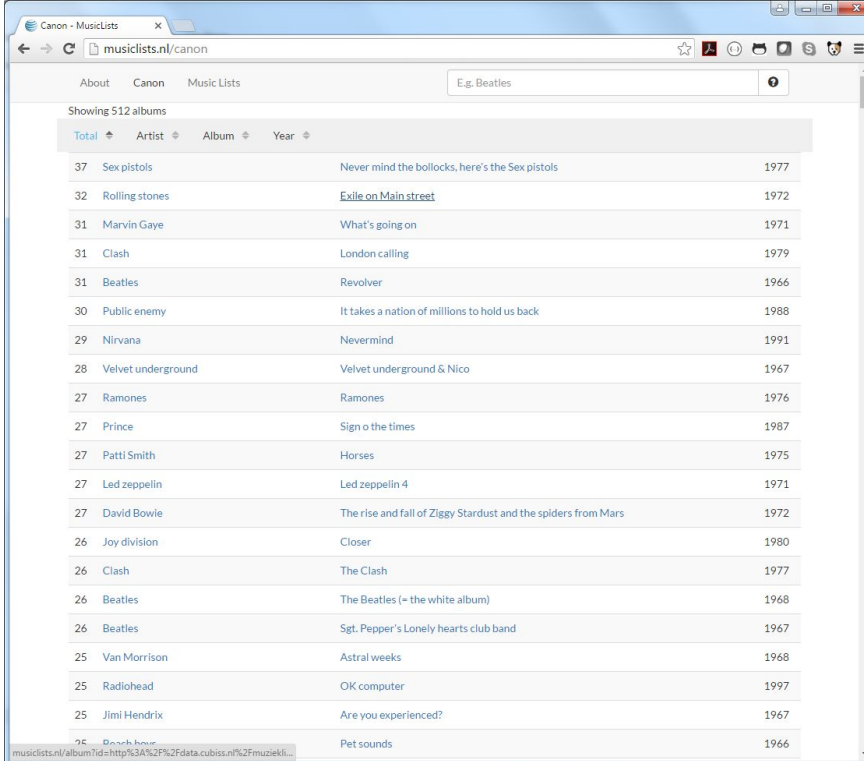
Application Block Diagram



About page



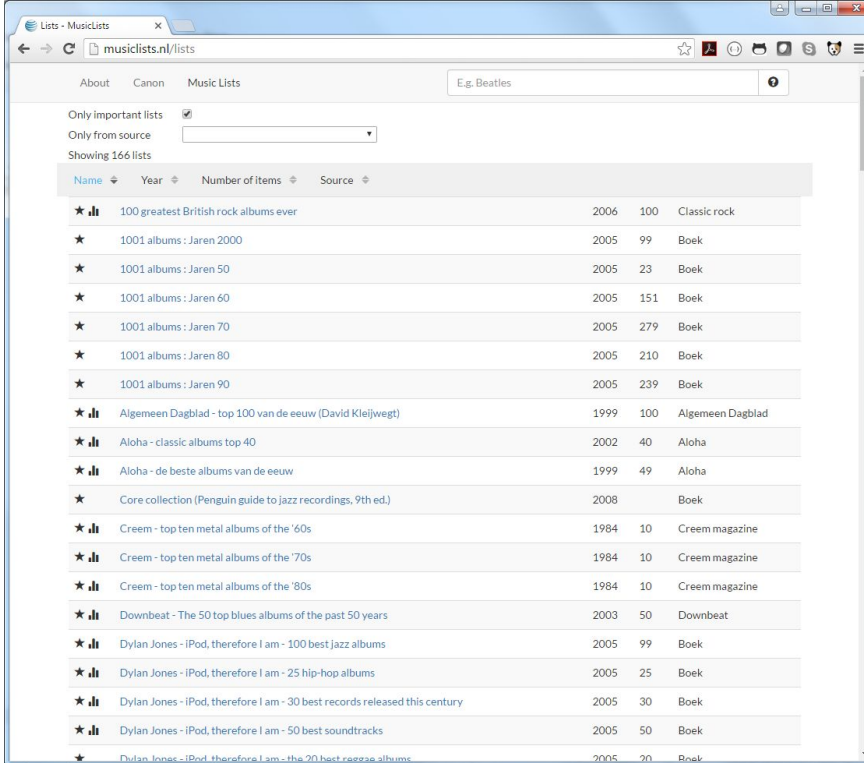
Canon page



The screenshot shows a web browser window with the URL `musiclists.nl/canon`. The page title is "Canon - MusicLists". There are navigation links for "About", "Canon", and "Music Lists". A search bar contains the text "E.g. Beatles". Below the search bar, it says "Showing 512 albums". There are sorting options: "Total", "Artist", "Album", and "Year". The main content is a table of albums.

Total	Artist	Album	Year
37	Sex pistols	Never mind the bollocks, here's the Sex pistols	1977
32	Rolling stones	Exile on Main street	1972
31	Marvin Gaye	What's going on	1971
31	Clash	London calling	1979
31	Beatles	Revolver	1966
30	Public enemy	It takes a nation of millions to hold us back	1988
29	Nirvana	Nevermind	1991
28	Velvet underground	Velvet underground & Nico	1967
27	Ramones	Ramones	1976
27	Prince	Sign o the times	1987
27	Patti Smith	Horses	1975
27	Led zeppelin	Led zeppelin 4	1971
27	David Bowie	The rise and fall of Ziggy Stardust and the spiders from Mars	1972
26	Joy division	Closer	1980
26	Clash	The Clash	1977
26	Beatles	The Beatles (= the white album)	1968
26	Beatles	Sgt. Pepper's Lonely hearts club band	1967
25	Van Morrison	Astral weeks	1968
25	Radiohead	OK computer	1997
25	Jimi Hendrix	Are you experienced?	1967
25	Black Sabbath	Pet sounds	1966

Music Lists page (list of lists)



The screenshot shows a web browser window with the URL `musiclists.nl/lists`. The page has a navigation bar with "About", "Canon", and "Music Lists" links. A search bar contains the text "E.g. Beatles". Below the navigation bar, there are filter options: "Only important lists" (checked) and "Only from source" (dropdown menu). The page indicates "Showing 166 lists". A table lists various music lists with columns for Name, Year, Number of items, and Source.







Name	Year	Number of items	Source
★ 100 greatest British rock albums ever	2006	100	Classic rock
★ 1001 albums : Jaren 2000	2005	99	Boek
★ 1001 albums : Jaren 50	2005	23	Boek
★ 1001 albums : Jaren 60	2005	151	Boek
★ 1001 albums : Jaren 70	2005	279	Boek
★ 1001 albums : Jaren 80	2005	210	Boek
★ 1001 albums : Jaren 90	2005	239	Boek
★ Algemeen Dagblad - top 100 van de eeuw (David Kleijwegt)	1999	100	Algemeen Dagblad
★ Aloha - classic albums top 40	2002	40	Aloha
★ Aloha - de beste albums van de eeuw	1999	49	Aloha
★ Core collection (Penguin guide to jazz recordings, 9th ed.)	2008		Boek
★ Creem - top ten metal albums of the '60s	1984	10	Creem magazine
★ Creem - top ten metal albums of the '70s	1984	10	Creem magazine
★ Creem - top ten metal albums of the '80s	1984	10	Creem magazine
★ Downbeat - The 50 top blues albums of the past 50 years	2003	50	Downbeat
★ Dylan Jones - iPod, therefore I am - 100 best jazz albums	2005	99	Boek
★ Dylan Jones - iPod, therefore I am - 25 hip-hop albums	2005	25	Boek
★ Dylan Jones - iPod, therefore I am - 30 best records released this century	2005	30	Boek
★ Dylan Jones - iPod, therefore I am - 50 best soundtracks	2005	50	Boek
★ Dylan Jones - iPod, therefore I am - the 20 best reggae albums	2005	20	Boek

Music List page

Guardian - 100 best albums ever 1997

Showing 100 albums

Position Album Artist Year

1.  What's going on – Marvin Gaye
1971
2.  Revolver – Beatles
1966
3.  Never mind the bollocks, here's the Sex pistols – Sex pistols
1977
4.  Nevermind – Nirvana
1991
5.  The Stone roses – Stone roses
1989
6.  Pet sounds – Beach boys
1966

External links

- Cubiss LodView
- Muzieklijstjes

Music Album page

Album "Are you experien: X


← → C musiclists.nl/album?id=http%2F%2Fdata.cubiss.nl%2Fmuzieklijstjes%2Fid%2Falbum%2FJimi-Hendrix_Ar

About Canon Music Lists E.g. Beatles

Are you experienced? – Jimi Hendrix (1967)

Are You Experienced is the debut album by the rock band the Jimi Hendrix Experience. Released in 1967, the LP was an immediate critical and commercial success, and it is widely regarded as one of the greatest debuts in the history of rock music. The album features Jimi Hendrix's innovative approach to songwriting and electric guitar playing which soon established a new direction in psychedelic and hard rock music. Coming after three successful European singles, it helped introduce him as a new international star. By mid-1966, Hendrix was struggling to earn a living playing the R&B circuit as a backing guitarist. After being referred to Chas Chandler, who was leaving the Animals and interested in managing and producing artists, Hendrix was signed to a management and production contract with Chandler and ex-Animals manager Michael Jeffery. Chandler brought Hendrix to London and began recruiting members for a band designed to showcase the guitarist's talents, the Jimi Hendrix Experience. In late October, after having been rejected by Decca Records, the Experience signed with Track, a new label formed by the Who's managers Kit Lambert and Chris Stamp. Are You Experienced and its preceding singles were recorded over a five-month period from late October 1966 through early April 1967. The album was completed in sixteen recording sessions at three London locations, including De Lane Lea Studios, CBS, and Olympic. Released in the UK on May 12, 1967, Are You Experienced spent 33 weeks on the charts, peaking at number two. The album was issued in the US on August 23 by Reprise Records, where it reached number five on the Billboard 200, remaining on the chart for 106 weeks, 27 of those in the Top 40. The US version contained some of Hendrix's best known songs, including the Experience's first three singles, which, though omitted from the British edition of the LP, were top ten hits in the UK: "Purple Haze", "Hey Joe", and "The Wind Cries Mary". In 2005, Rolling Stone ranked Are You Experienced fifteenth on its list of the 500 Greatest Albums of All Time. They placed four songs from the album on their list of the 500 Greatest Songs of All Time: "Purple Haze" (17), "Foxy Lady" (153), "Hey Joe" (201), and "The Wind Cries Mary" (379). That same year, the record was one of 50 recordings chosen by the Library of Congress in recognition of its cultural significance to be added to the National Recording Registry. Writer and archivist Rubeen Jackson of the Smithsonian Institution wrote: "It's still a landmark recording because it is of the rock, R&B, blues ... musical tradition. It altered the syntax of the music ... in a way I compare to James Joyce's Ulysses."

Continue reading at Wikipedia...



External links

- Cubiss LodView
- MusicBrainz
- Wikipedia

Lists

Name	Year	Source
– Guardian - 100 best albums ever	On position 30	1997 Guardian
– Oor - Het debuut	On position 11	2012 Oor
– 1001 albums : Jaren 60	No position	2005 Boek
– NME - writers top 100 albums	On position 29	1993 NME
– Guardian - 1000 albums to hear before you die (2007)	No position	2007 Guardian

Album "Unknown pleasur: X

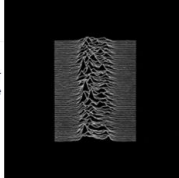
← → C musiclists.nl/album?id=http%2F%2Fdata.cubiss.nl%2Fmuzieklijstjes%2Fid%2Falbum%2FJoy-division_Uni

About Canon Music Lists E.g. Beatles

Unknown pleasures – Joy division (1979)

Unknown Pleasures is the debut album by the English post-punk band Joy Division. It followed an abandoned session for RCA Records, and was eventually recorded at Strawberry Studios, Stockport in April 1979 with producer Martin Hannett. The album was released on 15 June 1979 on Tony Wilson's Factory Records. Factory did not release any singles from Unknown Pleasures, and although the success of "Transmission" increased its sales, the album did not chart. It has gone on to receive critical acclaim as a pioneering post-punk record.

Continue reading at Wikipedia...



External links

- Cubiss LodView
- MusicBrainz
- Wikipedia

Lists

Name	Year	Source
– NME - 100 greatest British albums ever!	On position 44	2006 NME
– Oor - jaarljst 1979	Mentioned 4 times	1979 Oor
– Guardian - 100 best albums ever	On position 42	1997 Guardian
– Observer - top 100 British albums	On position 30	2004 Observer
– Wat is het allerbeste album? Top 100 (VPRO)	On position 16	2006 Internet
– Musicians top 100 (115 music)	Mentioned 1 times	2007 Music maker
– No ripcord - Top 100 debut albums	On position 3	2011 Internet
– GQ - 100 coolest albums	On position 5	2006 GQ
– NME - writers choice for the most heartbreak albums of all time	On position 10	2000 NME
– Uncut - the 100 greatest debuts	On position 8	2006 Uncut
– Rolling stone - The 50 coolest records	No position	2002 Rolling stone
– NME - the 70's	On position 4	1993 NME
– NME - The 50 greatest debut albums ever	No position	2010 NME
– Musicmaker top 100 (allen)	On position 80	2007 Muscimakr
– Q - the 100 greatest British albums	On position 19	2000 Q
– 1001 albums : Jaren 70	No position	2005 Boek

Music Artist page

Massive attack - MusicLists X

musiclists.nl/artist?id=http%2F%2Fdata.cubiss.nl%2Fmuzieklijstjes%2Fid%2Fartist%2FMassive-attack

About Canon Music Lists Massive attack

Massive attack

Massive Attack is an English musical group formed in 1988 in Bristol, consisting of Robert "3D" Del Naja and Grant "Daddy G" Marshall. Their debut album *Blue Lines* was released in 1991, with the single "Unfinished Symphony" reaching the charts and later being voted the 63rd greatest song of all time in a poll by NME. 1998's *Mezzanine*, containing "Teardrop", and 2003's *100th Window* charted in the UK at number 1. Both *Blue Lines* and *Mezzanine* feature in *Rolling Stone's* list of the 500 Greatest Albums of All Time. The group has won numerous music awards throughout their career, including a Brit Award—winning Best British Dance Act, two MTV Europe Music Awards, and two Q Awards. They have released 5 studio albums that have sold over 11 million copies worldwide.

Continue reading at Wikipedia...

External links

- Cubiss LedView
- MusicBrainz
- Wikipedia

Albums

Name	Year
—	<i>Blue lines</i> 1991
—	<i>Protection</i> 1994
—	<i>Mezzanine</i> 1998
—	<i>100th window</i> 2003
—	<i>Heligoland</i> 2010

First Previous 1/1 Next Last

Iron maiden - MusicLists X

musiclists.nl/artist?id=http%2F%2Fdata.cubiss.nl%2Fmuzieklijstjes%2Fid%2Fartist%2FIron-maiden

About Canon Music Lists Iron maiden

Iron maiden

Iron Maiden are an English heavy metal band formed in Leyton, east London, in 1975 by bassist and primary songwriter Steve Harris. The band's discography has grown to thirty-seven albums, including fifteen studio albums, eleven live albums, four EPs, and seven compilations. Pioneers of the New Wave of British Heavy Metal, Iron Maiden achieved initial success during the early 1980s. After several line-up changes, the band went on to release a series of US and UK platinum and gold albums, including 1982's *The Number of the Beast*, 1983's *Piece of Mind*, 1984's *Powerslave*, 1985's live release *Live After Death*, 1986's *Somewhere in Time* and 1988's *Seventh Son of a Seventh Son*. Since the return of lead vocalist Bruce Dickinson and guitarist Adrian Smith in 1999, the band have undergone a resurgence in popularity, with their latest studio offering, *The Final Frontier*, peaking at No. 1 in 28 different countries and receiving widespread critical acclaim. Despite little radio or television support, Iron Maiden are considered one of the most successful heavy metal bands in history, with *The New York Times* reporting in 2010 that they have sold over 85 million records worldwide. The band won the Ivor Novello Award for international achievement in 2002. As of October 2013, the band have played over 2000 live shows throughout their career. For the past 35 years, the band have been supported by their famous mascot, "Eddie", who has appeared on almost all of their album and single covers, as well as in their live shows.

Continue reading at Wikipedia...

External links

- Cubiss LedView
- MusicBrainz
- Wikipedia

Albums

Name	Year
—	<i>Iron maiden</i> 1980
—	<i>Killers</i> 1981
—	<i>The number of the beast</i> 1982
—	<i>Piece of mind</i> 1983
—	<i>Powerslave</i> 1984
—	<i>Live after death</i> 1985
—	<i>Somewhere in time</i> 1986
—	<i>Seventh son of a seventh son</i> 1988
—	<i>No prayer for the dying</i> 1990
—	<i>Woman in uniform</i> 1990
—	<i>Fear of the dark</i> 1992
—	<i>A real dead one</i> 1992

<http://musiclists.nl/>

Try it yourself!

Project Review

Evaluation

- Project successfully delivered
- Slight delay due to personnel issue
- Time spent
 - Developer 30 days
 - Project lead 3 days

Possible next steps...

- Make GUI to edit the data
- Add an open licence
- Add reviews
- Use more data from external sources
- Improve/optimize application performance
- Improve data quality
 - Provide possibility for users to give feedback
 - Correct source data in Excel
 - Refine the matching algorithm
 - Add missing albums and artists to MusicBrainz