



ReTV

Re-Inventing TV for
the Interactive Age

Online News Monitoring for Enhanced Reuse of Audiovisual Archives

Rasa Bocyte, NISV
27-08-2020 TPD 2020

ReTV - Supporting Content Reuse Online

Fundamental need:

- **Generate value out of archival AV content through reuse;** nothing good comes out of just keeping the content locked in your digital basement



Topics Compass

Visual analytics dashboard

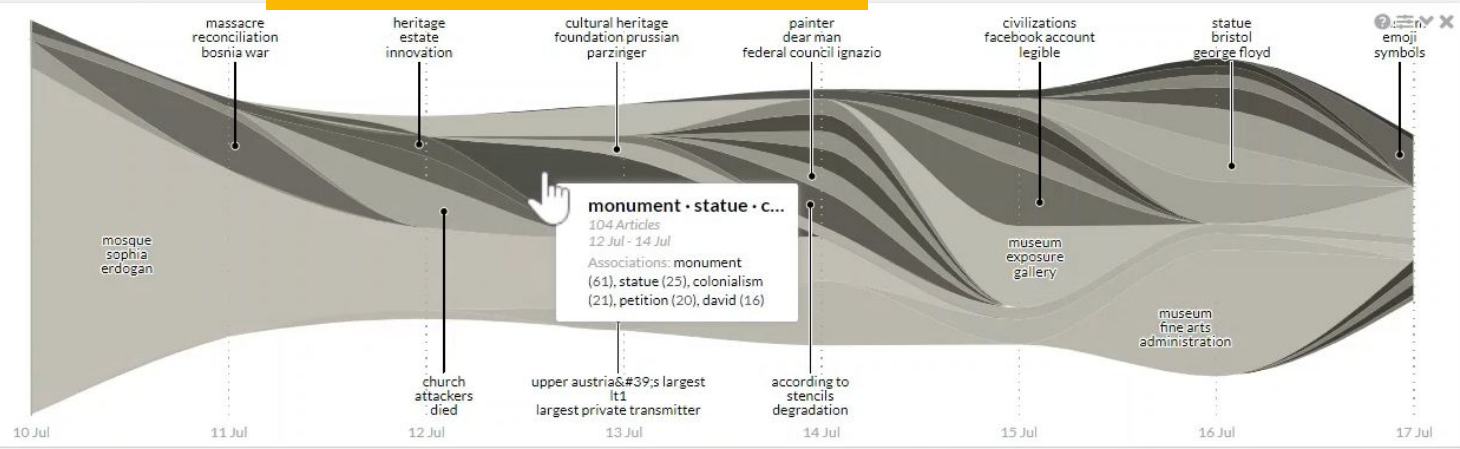
- real-time analysis and visualisation of stories from **cross-platform, multilingual** data
- **capability to foresee topics** that will be relevant and popular in the future
- (forthcoming feature) ability to **compare contemporary online news sources with metadata** from archival collections.



Story detection and modelling

- ASSOCIATIONS
- mosque
 - sophia
 - erdogan
 - conversion
 - turkish president
 - turkish
 - turkey
 - exposure
 - statue
 - building
 - works
 - istanbul
 - kemal
 - status
 - prayers
 - fine arts
 - mosque
 - mosque
- 158
349
119
365
283
359
142
105
267

- Datasets
- Share of Voice
 - Frequency
 - Impact
 - Sentiment
 - Disagreement
 - Story Graph
 - WYSDOM



Keyword and entity extraction

MONUMENT · STATUE · COLONIALISM 104 Articles

Nach Protesten gegen Sklavenhändler-Denkmal: Künstler stellt Statue von Demonstrantin in ...
Anfang Juni warfen Demonstranten bei Anti-Rassismus-Protesten im englischen Bristol die Statue eines britischen Sklavenhändlers ins Hafenbecken. ... Der Künstler Marc Quinn schuf die...
spiegel.de · 15 Jul

Islam - Quand Ahmed Assid* se penche sur l'autodafé et la ...
article19.ma · 10 Jul

André Blaise Essama, l'homme qui veut débarrasser le ...
lemonde.fr · 15 Jul

Decolonization Berlin: Bismarck-Nationaldenkmal mit Farbe ...
weit.de · 17 Jul

Farbattacke auf Bismarck-Nationaldenkmal
web.de · 17 Jul

UPPER AUSTRIA'S LARGEST · LT1 · LARGEST PRIVATE TRANSMITTER 60 Articles

Corona Vorsorgetipps Archive - LT1 - Oberösterreichs größter Privatsender
Anfang Juni hat alles noch gut ausgesehen. Schulen & Grenzen wieder offen, Ende der Maskenpflicht. Ein klein wenig Normalität war wieder zurück im Seuchenzahr 2020. Aber dann: ...
lt1.at · 16 Jul

MNS Archive - LT1 - Oberösterreichs größter Privatsender
lt1.at · 17 Jul

Sommergespräch Archive - LT1 - Oberösterreichs größter ...
lt1.at · 17 Jul

Wahlen Archive - LT1 - Oberösterreichs größter ...
lt1.at · 17 Jul

Soziales Archive - LT1 - Oberösterreichs größter ...
lt1.at · 17 Jul

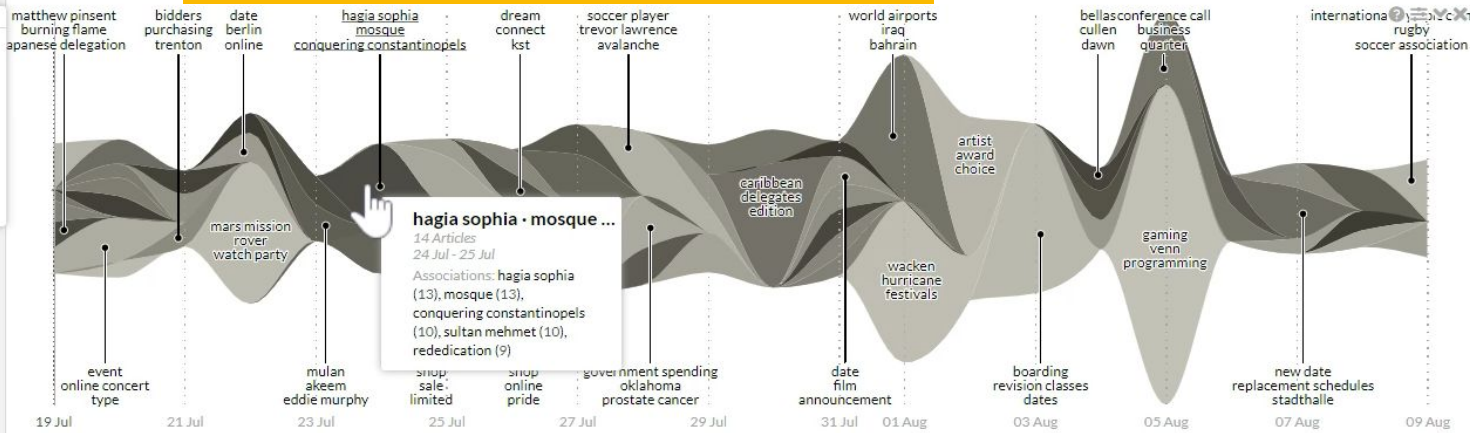


art artist artists authority base basilica bristol building
castle christians church civilizations collection colonialism
conquest conversion corona director emperors empire
erdogan exposure gallery gift greek history istanbul kemal
lt1 magazine massacre mehmet monuments **mosque**
museums muslim oberste ottomans paint painter painting
prayer prayers report rich sculpture slavery **sophia** statue

- Eurovision
- Dutch Television
- Culture
- EUscreen 4529
 - Cultural Heritage 2855
 - Events 1119
 - Rembrandt 2
- In the News
- My Channels
- Sports
- TV Series
- German Broadcasters
- Austrian Broadcasters

Event extraction and prediction for future dates

- ASSOCIATIONS
- date
 - gaming
 - event
 - programming
 - venn
 - network
 - dates
 - tickets
 - rover
 - artist
 - launch date
 - online
 - wacken
 - business
 - mars
 - re-opening
 - conference call
 - opening day
- Datasets
- Share of Voice
 - Frequency
 - Impact
 - Sentiment
 - Disagreement
 - Story Graph
 - WYSDOM
- | | |
|-----------------|-----|
| rover | 52 |
| artist | 217 |
| launch date | 56 |
| online | 420 |
| wacken | 51 |
| business | 495 |
| mars | 76 |
| re-opening | 96 |
| conference call | 127 |
| opening day | 85 |



MARS MISSION - ROVER - WATCH PARTY 26 Articles

Mars Alert: Why Three Spacecraft Must Leave For The Red Planet Within Weeks Or Miss Their ...
... First the Emirates Mars Mission , then China's Huoxing-1 , and finally NASA's Mars 2020 . They will all take turns to launch their respective missions to the "Red Planet." ... "Typically spacecraft..."
forbes.com - 08 Jul

Mars Alert: Why Three Spacecraft Must Leave For The ...
forbes.com - 08 Jul

China moves rocket into place for nation's 1st Mars mission
ajc.com - 17 Jul

China officially announces its next Mars mission will ...
dailymail.co.uk - 24 Jan

China moves rocket into place for na
ajc.com - 17 Jul



Queries based on geo location

CONFERENCE CALL - BUSINESS - QUARTER

Live updates: 'Those jobs will all be back,' Trump vows after U.S. workforce takes historic hit
... Amid pandemic, Gallup finds drop in Americans who say their lives are 'thriving'. The coronavirus pandemic appears to be taking a toll on how Americans view their life satisfaction, according to a...
washingtonpost.com - 08 May

Trump's China Deal Creates Collateral Damage for Tech ...
nytimes.com - 20 Jan

Live updates: New York reports 253 more deaths, and ...
washingtonpost.com - 30 Mar

Why Canada's joint endeavour failed
theguardian.com - 05 Apr

Blockchain 50
forbes.com - 21 Feb

China Lebanon YouTube anniversary artist artists award band boarding business choice classes company date dates deadline earnings event examinations festivals flights gaming governor hope hurricane input jensen limited lions market mars mission music network note nyse online organizer pdt place programming purchasing quarter re-opening registration rocket rover

Collection Metadata 3007

Analysis and visualisation of collection metadata and comparison with contemporary news sources

- ASSOCIATIONS
- Amsterdam
 - shots
 - Rotterdam
 - Nederland
 - Utrecht
 - demonstratio
 - Eindhoven
 - exhibition
 - ship
 - hague
 - rai
 - camera
 - water
 - machines
 - Netherlands
 - schiphol
 - gaan
 - opening

- Display Results
- Documents
- Sentences
- Sources
- Entities
 - List View
 - Scatterplot
 - Relation
- Persons
- Locations
- Organizations
- Referenced Dates

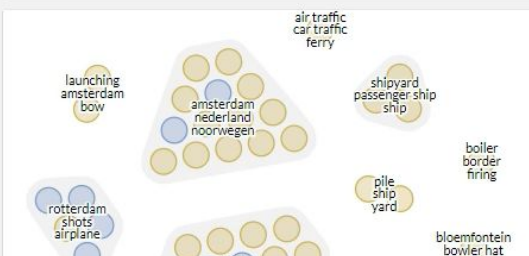
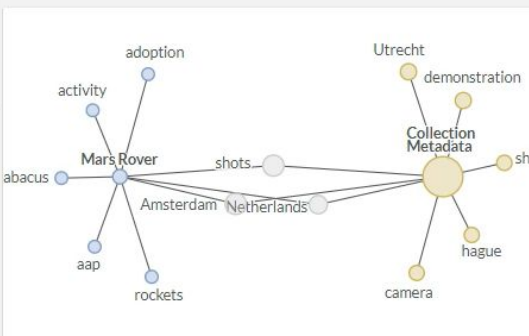
- BOOKMARKS
- Sound and Vision
- Europeana Metadata 3007
 - Collection Metadata 3007
 - Popular Topics 773
 - Popular Themes 593
 - Tour de France 37
 - Mars Rover 23
- Eurovision
- Dutch Television
- Culture
- EUscreen 3007
 - Events 303
 - Cultural Heritage 171
 - Rembrandt 17
- In the News

Description	Count	Change
Joseph Luns - Dutch politician and diplomat public works@en · adam · a.m.@en	7	+0.26
Jelle Zijlstra - Dutch politician public works@en · a.m.@en · affairs	7	+0.32
Juliana der Nederlanden - Queen of the Netherlands from 1948 - 1... willem · beel · apeldoorn	7	+0.11
Barend Biesheuvel - Dutch politician public works@en · eindhoven · volkspartij voor vrijheid en democratie	4	+0.37
Sicco Mansholt - 4th President of the European Commission beel · agriculture · a.m.@en	4	+0.3
Marga Klompé - Dutch politician public works@en · a.m.@en · beel	4	+0.25
Joop Waasdorp - Dutch writer and journalist rotterdam · nederland	4	+0.39
Aron Schuster chief rabbi · amsterdam · cross hospital	4	+0.4
Ivo Samkalden - Dutch politician public works@en · amsterdam · a.m.@en	4	+0.1
Eef Kamerbeek eindhoven · athlete · amsterdam	4	+0.37
Jan Veldkamp public works@en · eindhoven	3	+0.38
Arie van Vliet - Dutch sprint cyclist amsterdam	3	+0.2
Anne Vondeling - Dutch politician disagreement · bosch · juliana	3	+0.12
Salvador Dalí - Spanish artist rotterdam · elizabeth ii van het verenigd koninkrijk · amsterdam	3	+0.41
Kees Verkerk amsterdam · approves · final ranking	3	-0.14
Norbert Schmelzer - Dutch politician arnhem · bosch · amsterdam	3	+0.07
Piet de Jong - Prime Minister of the Netherlands public works@en · eindhoven	3	+0.38
Dries van Agt - Dutch politician	3	+0.09

Amsterdam Arnhem Eindhoven Nederland

Netherlands Rotterdam Utrecht arrival audience banners

barneveld barrels beach beating bicycle boats boot bridge
camera canaverl car centrum charges chickens chin chip
cock cockpit computer cones contest cooker demonstration
eerste er esa exhibition factory flowers gaan grain hague
hanger harbor harbour hatch horses impression laboratory
machine machines mens opening overview procession rai
rockets schiphol ship shots soldiers transport truck
water women workers





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