

Pitch Thema Informatie

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Information Access (IA)

Database Architectures (DA)

Distributed & Interactive Systems (DIS)

Wetenschappelijke uitdaging

- **Informatie-representatie?**
 - Informatiebehoefte, de vragen
 - Informatieobjecten, de antwoorden
- **Hoe vergelijk je informatie-representaties?**

	<i>Data Retrieval</i> (DR)	<i>Information Retrieval</i> (IR)
Matching	Exact match	Partial match, best match
Inference	Deduction	Induction

Robots maken men

Jos de Mul – 05/04/14, 20:50



© Sander Soewargana.

ESSAY De rol van de mens is door de ee
Robots dreigen ons van de troon te stote
die voor 'uitsterfelijkheid'.

Journalism Practice

Volume 8, Issue 5, 2014

Special Issue: Future of Journalism: In an age of digital
media and economic uncertainty

Select Language

Translator disclaimer



Enter the Robot Journalist

Users' perceptions of automated content

DOI: 10.1080/17512786.2014.883116

Christer Clerwall[†]
pages 519-531

Publishing models and article dates explained

Published online: 25 Feb 2014

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Alert me

Abstract

The advent of new technologies has always spurred questions about changes in journalism—its content, its means of production, and its consumption. A quite recent development in the realm of digital journalism is software-generated content, i.e. automatically produced content. This paper seeks to investigate how readers perceive software-generated content in relation to similar content written by a journalist. The study utilizes an experimental methodology where respondents were subjected to different news articles that were written either by a journalist or were software-generated. The respondents were then asked to answer questions about how they perceived the article—its overall quality, credibility, objectivity, etc. The paper presents the results from an initial small-scale study with findings suggesting that while the software-generated content is perceived as descriptive and boring, it is also considered to be objective although not necessarily discernible from content written by journalists. The paper discusses the results of the study and its implication for journalism practice.

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KEYWORDS

automated content, experimental study, online journalism, robot journalism

Banen

obs Will

PRINT



dossier »

ata,

niet zo

oor de

02/14

Correspondent
Vooruitgang



Rutger BREGMAN +

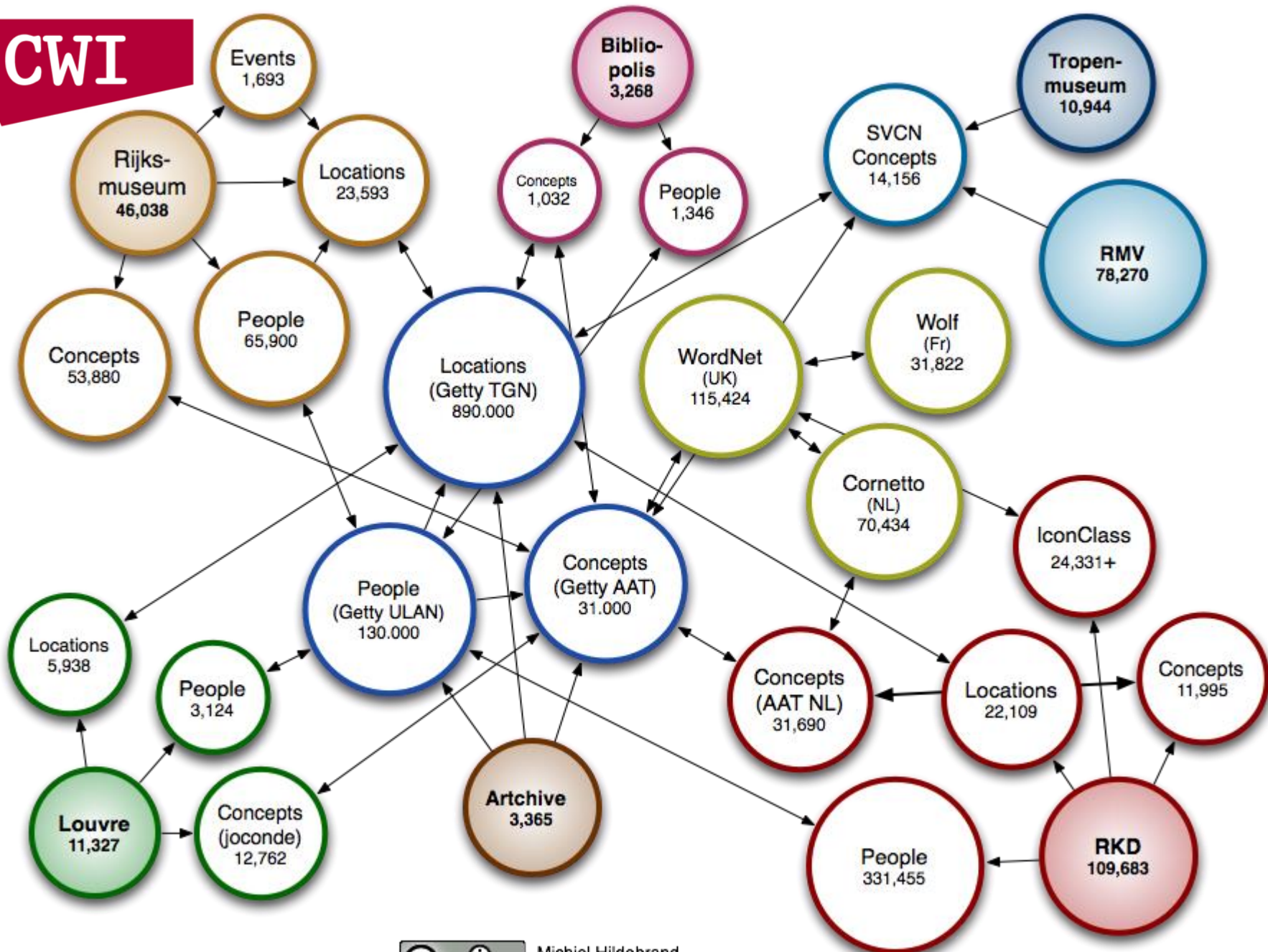


Synergie technologie & mens

- **Omgaan met imperfecte (onvolledige en/of onnauwkeurige) informatiebronnen**
- **Creëren van betere (representaties van) informatie**
- **Meer controle over en betere transparantie van de technologie**

MultimediaN e-Culture (2006)

- **Toegankelijk maken van erfgoed collecties door middel van Semantische Web standaarden en technieken**



krijgsgevangenen

Institution:

Nederlands Instituut voor Beeld en Geluid

Collection:

Gemeenschappelijke Thesaurus Audiovisuele Archieven

URI:

<http://data.beeldengeluid.nl/gtaa/219750>

SKOS Class:

<http://www.w3.org/2004/02/skos/core#Concept>

inScheme

- <http://data.beeldengeluid.nl/gtaa/OnderwerpenBenG>

LexicalLabels

skos:prefLabel

- krijgsgevangenen (nl)

```

▼<oai_oai:oi xmlns:xsi="http://www.w3.org/2001/XMLSchema-instan
xmlns:oai_oai="http://www.openbeelden.nl/feeds/oai/" xmlns:oi="
http://www.openbeelden.nl/feeds/oai/oai_oai.xsd">
  <oi:title xml:lang="nl">Bevrijding Enschede en Hengelo</oi:
  <oi:alternative xml:lang="nl"/>
  ▼<oi:creator xml:lang="nl">
    Polygoon-Profiliti (producent) / Nederlands Instituut voor
  </oi:creator>
  <oi:subject xml:lang="nl">arrestaties</oi:subject>
  <oi:subject xml:lang="nl">bevrijding</oi:subject>
  <oi:subject xml:lang="nl">infanterie</oi:subject>
  <oi:subject xml:lang="nl">krijgsgevangenen</oi:subject>
  <oi:subject xml:lang="nl">straatbeelden</oi:subject>
  <oi:subject xml:lang="nl">tanks</oi:subject>
  <oi:subject xml:lang="nl">vlaggen</oi:subject>
  ▼<oi:description xml:lang="nl">
    Beelden van bevrijding Hengelo en Enschede. Dolblijve menig
    versnaperingen. Anderen houden in triomf buitgemaakte nazi
    Duitse soldaten worden in krijgsgevangenschap weggevoerd.
  </oi:description>

```

607	Koninklijkebesluiten	
608	Konvoeien	
609	Kookboeken	
610	Koopvaardij	
611	Koopvaardijschepen	
612	Kranten	Illegalepers,Kampkranten,
613	Krijgsgeschiedenis	Militairegeschiedenis
614	Krijgsgevangenen	
615	Krijgsgevangenkampen	
616	Kruisers	
617	Kultuurkamer	
618	Kunst	
619	Kunstenaars	
620	Kunstenaarsverzet	
621	Kunstgeschiedenis	

```

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<oai_dc:dc xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:sch
http://www.openarchives.org/OAI/2.0/oai_dc.xsd">
  <dc:identifiser>
    http://www.beeldbankwo2.nl/detail_no.jsp?action=detail&imi
  </dc:identifiser>
  <dc:source>NIOD</dc:source>
  <dc:description>
    U.S. soldier guards prisoners at Neustadt. Sergeant George
    guards a group of German prisoners sitting on a street in
    American advance to the Rhine River. A German major and ca
  </dc:description>
  <dc:subject>Amerikaanse Strijdkrachten</dc:subject>
  <dc:subject>Bewaking</dc:subject>
  <dc:subject>Duitse Strijdkrachten</dc:subject>
  <dc:subject>Krijgsgevangenen</dc:subject>
  <dc:subject>Militairegeschiedenis</dc:subject>
  <dc:subject>Zie ook: Officieren, Soldaten</dc:
  <dc:coverage>Duitsland</dc:coverage>
  <dc:type>image</dc:type>
  <dc:relation>
    http://www.beeldbankwo2.nl/cgi-bin/frsiserver.dll/thumbnai
  </dc:relation>
</oai_dc:dc>

```

NIOD Images

NIOD term list

607	Koninklijkebesluiten		
608	Konvoeien		
609	Kookboeken		
610	Koopvaardij		
611	Koopvaardijschepen		
612	Kranten	Illegalepers, Kampkranten,	
613	Krijgsgeschiedenis	Militairegeschiedenis	
614	Krijgsgevangenen		
615	Krijgsgevangenkampen		
616	Kruisers		
617	Kultuurkamer		
618	Kunst		
619	Kunstenaars		
620	Kunstenaarsverzet		
621	Kunstgeschiedenis		

krijgsgevangenen

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inScheme

- <http://data.beeldengeluid.nl/gtaa/OnderwerpenBenG>

LexicalLabels

skos:prefLabel

- krijgsgevangenen (nl)

Interactive Vocabulary Alignment

Amalgame build evaluate publish

Suggestion for next step

No hints available at this point

About the selected node

mapping [dataset20](#)

abbrev/label A | dataset20

namespace

comment

status intermediate

relation

evaluate delete update

generated at 11:42:01 on 2015-05-19

total matches 1418 (0.0001%)

matched source concepts 1371 (i 0.00%)

matched target concepts 1325 (i 0.00%)

Depth of source concepts

- ... minimum: 1
- ... first quartile: 3.5
- ... median: 6.5
- ... third quartile: 9.5
- ... maximum: 12

of children (of source concepts)

- ... minimum: 0
- ... first quartile: 7.5
- ... median: 19
- ... third quartile: 36.0
- ... maximum: 224

Depth of target concepts

- ... minimum: -1
- ... first quartile: -1.0
- ... median: 0
- ... third quartile: 1.0
- ... maximum: 1

top concepts 0 (0.00%)

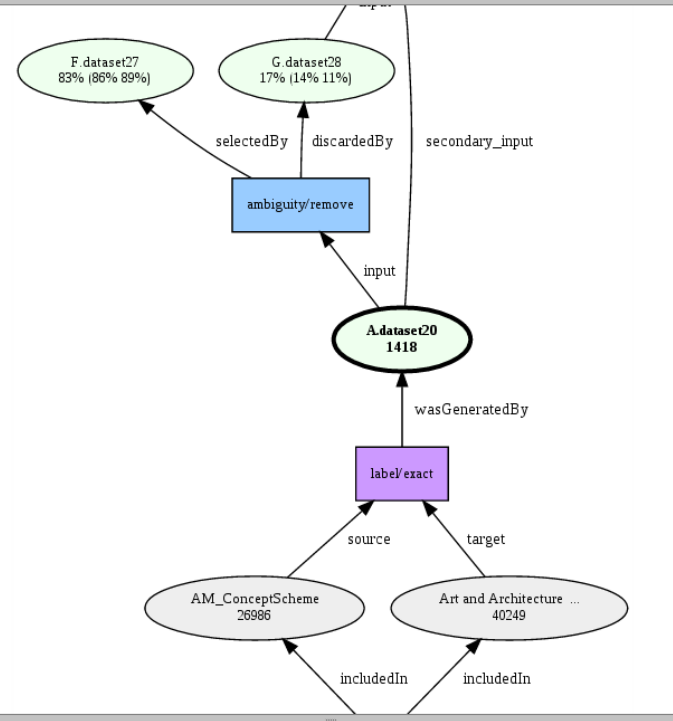
of children (of target concepts)

- ... minimum: -1

Generate +

Partition +

Combine +

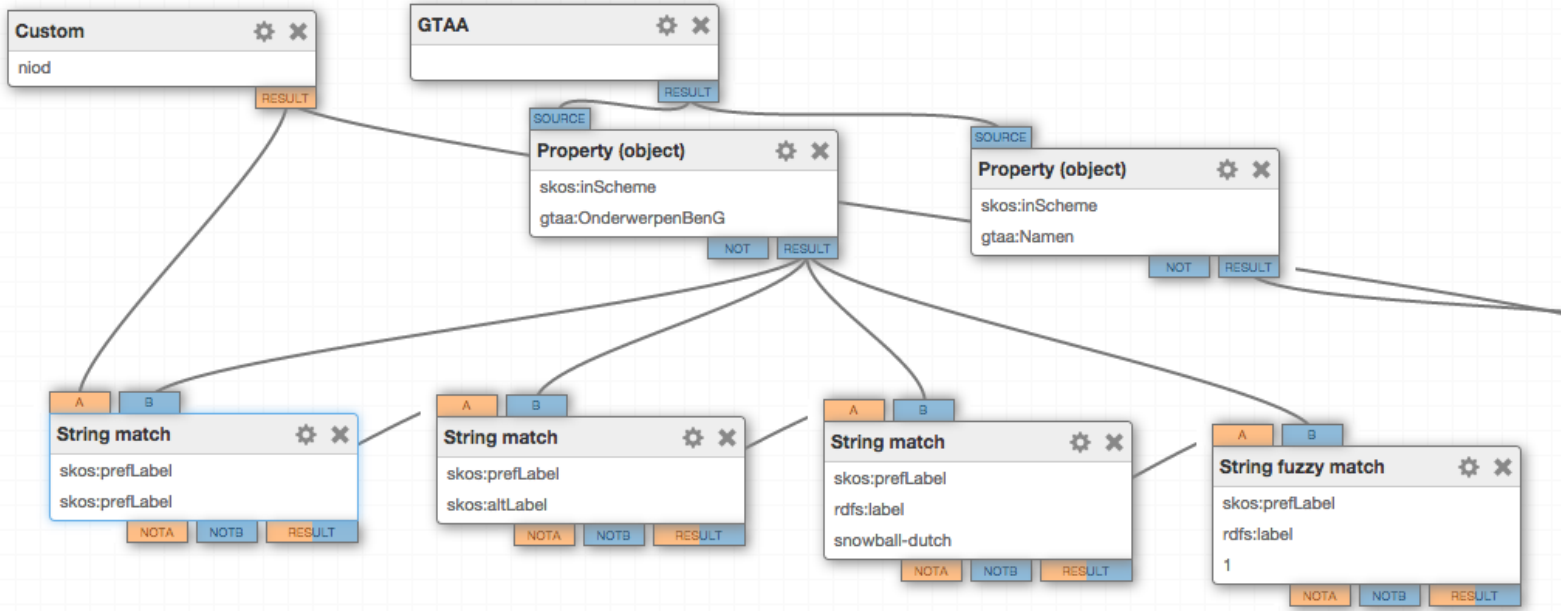


```

graph TD
    A((A.dataset20  
1418)) -- input --> B[ambiguity/remove]
    B -- selectedBy --> F((F.dataset27  
83% (86% 89%)))
    B -- discardedBy --> G((G.dataset28  
17% (14% 11%)))
    A -- secondary_input --> G
    C[AM_ConceptScheme  
26986] -- source --> D[label/exact]
    E[Art and Architecture ...  
40249] -- target --> D
    D -- wasGeneratedBy --> A
    C -- includedIn --> F
    E -- includedIn --> G
    
```

Art Nouveau	Art Nouveau (300021430)
Aubusson	Aubusson (French Renaissance-Baroque style) (300021091)
Banda	Banda (culture or style) (300262936)
Bargello	Bargello work (300264525)
Belle Epoque	belle époque (300264407)
Benin	Benin (ancient Nigerian style) (300015777)
Berbers	Berber (culture or style) (300016593)
Bergen	mountains (300008795)
Biedermeier	Biedermeier (300021434)

- 1. Data Source >
- 2. Filter source >
- 3. Create mapping >
 - Word overlap
 - String match
 - String fuzzy match
- 4. Filter mapping >
- 5. Combine >
- 6. Select candidate >



String match
NOTA
NOTB
RESULT
557 matches
skos:exactMatch

	Id	skos:prefLabel	skos:scopeNote	skos:altLabel	skos:related
253	niod-terms:Krijgsgevangenen	Krijgsgevangenen			
	gtaa:219750	krijgsgevangenen			
254	niod-terms:Kruisers	Kruisers			
	gtaa:217367	kruisers			
255	niod-terms:Kunst	Kunst			
	gtaa:217366	kunst			

Zie jullie bij de demo's!

- **Smart data:**
**Tracking & interacting
with vessels & aircraft**
- **Smart search:**
**Tracking & interacting with news
CultuurLINK**
- **Smart fashion:**
Wearable technologies