

Golden Agents/Data for History

Processing archival resources and preparing
linked data for historical research

Golden Agents Conference 9-10 November 2022, Amsterdam City Archives/KNAW Trippenhuis

Golden Agents Creative Industries and the Making of the Dutch Golden Age Introduction

Charles van den Heuvel

Golden Agents Conference 9 November 2022, Amsterdam City Archives

NWO-Investment Large Grant 2017 – 2021 + 1 (2022)



✗ Gemeente
✗ Amsterdam
✗ Stadsarchief

KB
Koninklijke Bibliotheek

RIJKS MUSEUM

**RKD NETHERLANDS
INSTITUTE
FOR ART HISTORY**



VU University
Amsterdam



AdamNet

Female Appraisers/Schatsters -Marleen Puyenbroek (UvA)
Yes I do Project/Ja ik wil-Tine de Moor (UU)- **17th C. newspapers** Nicoline van der Sijs (INT/RU)- **Amsterdam Corporate Portraits** Norbert Middelkoop - (Amsterdam Museum) **Panpoeticum Batavum/Schrijversportretten/** Lieke van Deinsen (KUL) Ton van Strien (VU) etc. etc.

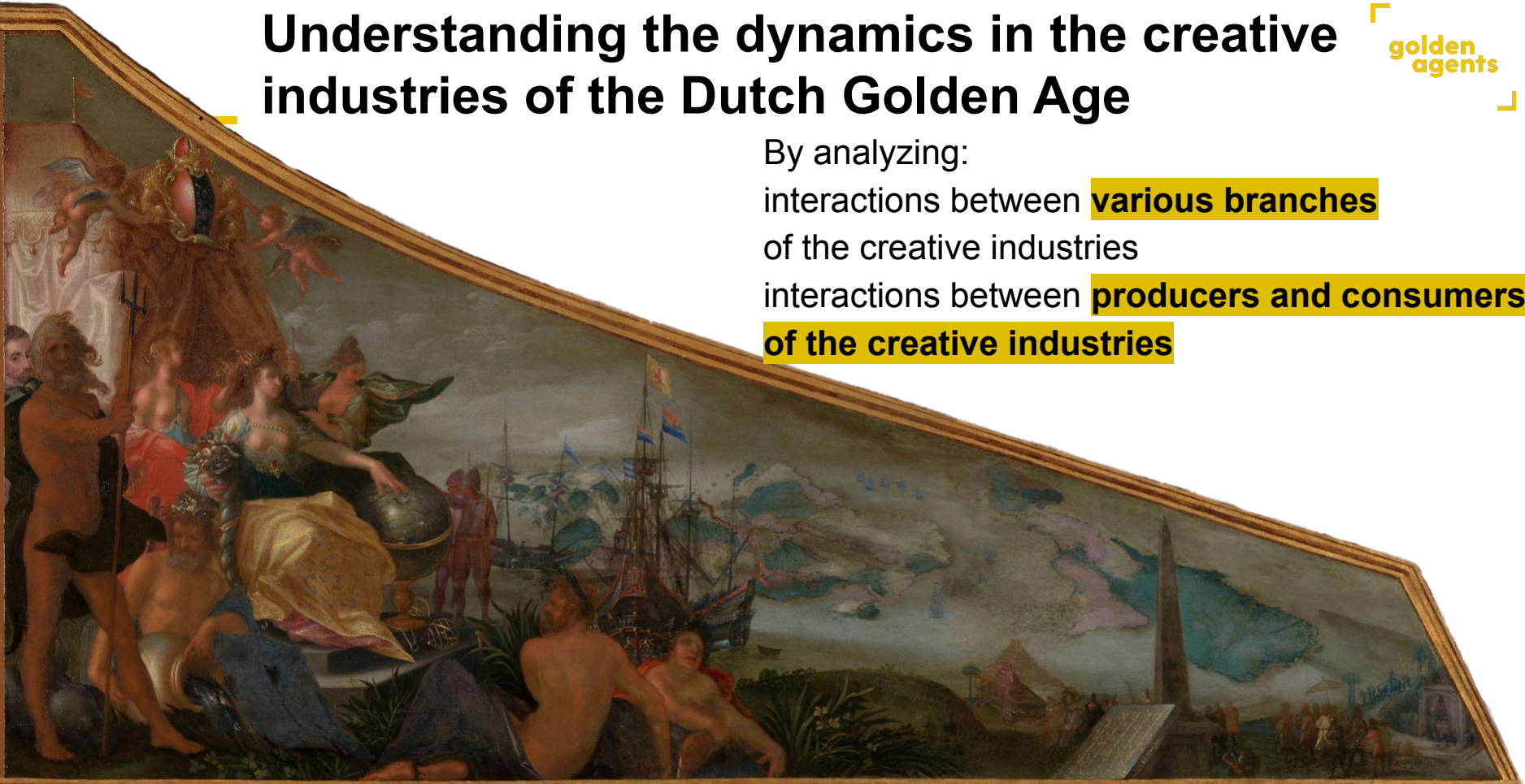
Understanding the dynamics in the creative industries of the Dutch Golden Age

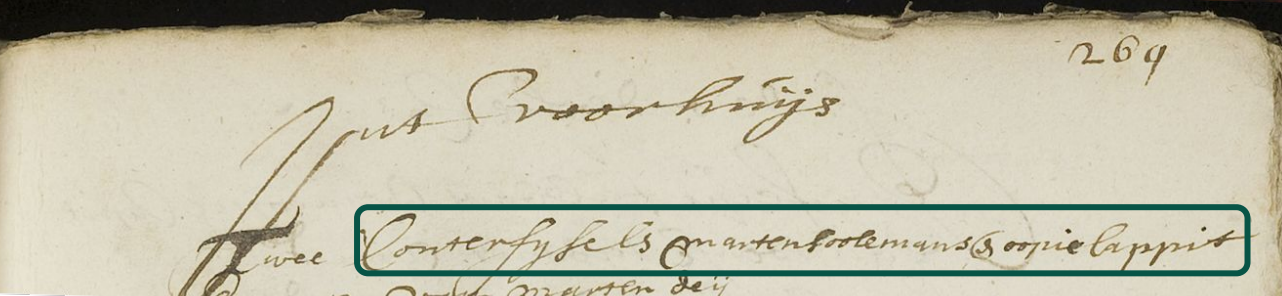
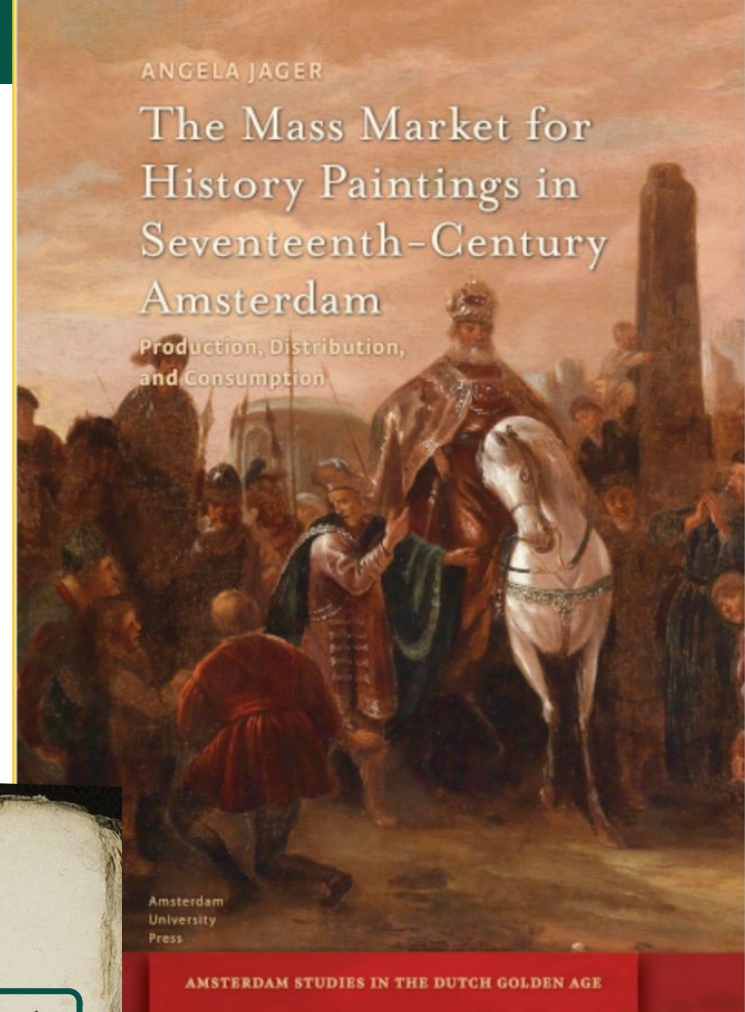
golden
agents

By analyzing:

interactions between **various branches**
of the creative industries

interactions between **producers and consumers**
of the creative industries



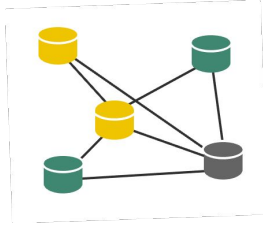


Golden Agents: infrastructure requirements



- **Distributed collections** require to track the **provenance** and preferably the **quality/uncertainties of the provided (meta-)data** and of the **annotations/enrichments**
- In every step of data-handling the **data changes**. Therefore users need to be informed and if possible allowed **interactions** to enable them to **keep track of the data** to see whether they still suite their research questions
- Infrastructure serves users with different questions, actions and skills. This implies **multiple interfaces** to serve data specialists **to extract and analyse large datasets** and interfaces to **support** different users in their **explorations** by queries for which computer agent technology is brought in.

Golden Agents: infrastructure products



- Combines **semantic web** and **multi agents technologies** to analyze and to interact with heterogeneous existing and new data sets in **linked data** of the Dutch Golden Age
- Incorporating these dynamic interactions as **storylines** and **events in ontologies**
- Creating **interfaces for interaction** during all phases of data-handling
- Combines handwritten text recognition and crowdsourcing to **disclose 2 million scans** of notary acts of the 17th-18th centuries (**probate inventories**, testaments etc.)

Record
I record684_261JanSuz
value:
Compareerden als vooren Jan Ceuler van Hamborgh
Suijckerbacker out 29 jaar ouders doot geassisteert met
Gosse Birma wonende inde Stilleleggh ende
Susanna de Bock van Antwerpen out 26 jaar
geassisteert met Alexander de Bock haer vader inde Stilleleggh
Joan Kohler Susanna de Bock
type: Record
type: Expression
type: IntendedMarriageRegistryPui

DoublePageSpread
D scannedDoublePageA23391000134
label: Scanned Double Page Spread from 684
value: A23391000134.jpg
type: DoublePageSpread
type: Scan

Annotation
I recordSection684_261JanSuz_annotation
type: Annotation
hasBody
D recordSection684_261JanSuz
type: RecordSection
hasTarget
I selectorSection684_261JanSuz
type: CoordinateSelector
hasSelector
I selectorSection684_261JanSuz
type: CoordinateSelector
hasContent
I selectorSection684_261JanSuz
type: CoordinateSelector

source
261JanSuz_annotation
CoordinateSelector
I selectorSection684_261JanSuz
type: CoordinateSelector
type: ContentSelector

refines
CoordinateSelector
I bn89144
type: ContentSelector
type: CoordinateSelector

Target
D bn89143
type: Target
type: CoordinateSelection

refines
CoordinateSelector
I bn89144
type: ContentSelector
type: CoordinateSelector

label: reference Groom Role
value: Jan Ceuler van Hamborgh
type: NamingReference

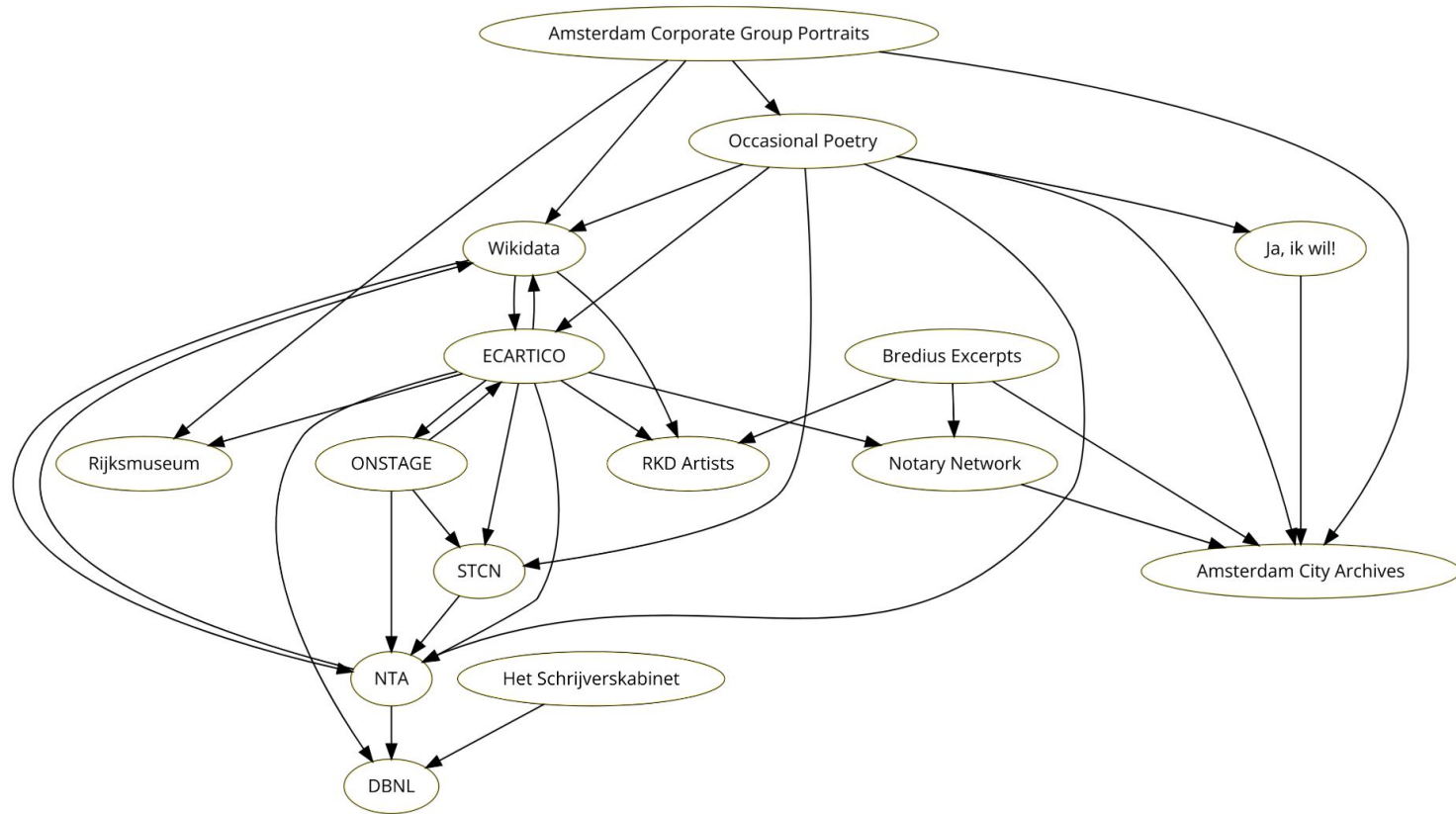
Person
A janceuler
label: Jan Ceuler
type: Person

Reference
I refJanName_saald26419971
label: reference Groom Role
value: Jan Ceuler van Hamborgh
type: NamingReference
hasPropertyReference

Annotation
I janceuler_annotation
type: Annotation
hasBody
I janceuler_annotation
type: Annotation
hasTarget
I bn89144
type: ContentSelector
type: CoordinateSelector
refines
CoordinateSelector
I bn89144
type: ContentSelector
type: CoordinateSelector

Connecting Data of Archives, Libraries and Museums for historical research of the creative industries of Amsterdam in the 17th and 18th centuries

Jirsi Reinders (Huygens Institute) & Leon van Wissen (University of Amsterdam)
Golden Agents Conference 9 November 2022, Amsterdam City Archives





Amsterdam 1570-1750

- Production and consumption
- Specific producers:
 - **Paintings:** Painters, illustrators
 - **Books:** Writers (playwrights, poets), publishers/printers
 - **Other:** Gold- and silversmiths
- Generic consumption
 - Can be detected via (notarial) probate inventories, but:
 - Objects are not indexed;
 - HTR and index overlap only partly;
 - No off-the-shelf technique available to extract objects from (early modern) transcriptions;
 - The amount of producers that can be linked to objects is limited
 - Thus (due to time, complexity): start with validated data on consumption of cultural goods (in the meantime, experiment with object extraction)
- **Persons** rather than **objects** as starting point; index on the notarial archive as a connector between networks of producers and consumers

Dataset

Amsterdam Corporate Group Portraits



Amsterdam Corporate Group Portraits

Dataset description

Contains biographical information on persons depicted on institutional/corporate group portraits in the seventeenth and eighteenth century in Amsterdam.

Dataset statistics

- 6,395 Persons
- 231 Creative Artifacts
- 24,940 Roles

Links

- Wikidata, Rijksmuseum, Amsterdam City Archives, Occasional Poetry

Creator

- Golden Agents project
(original data Norbert Middelkoop, UvA)



Schutters van Wijk 1 onder kapitein Joan Huydecoper en luitenant Frans van Waveren, Govert Flinck, 1648 – 1650, <http://hdl.handle.net/11259/collection.38463>

Joan Appelman (1608-1694)



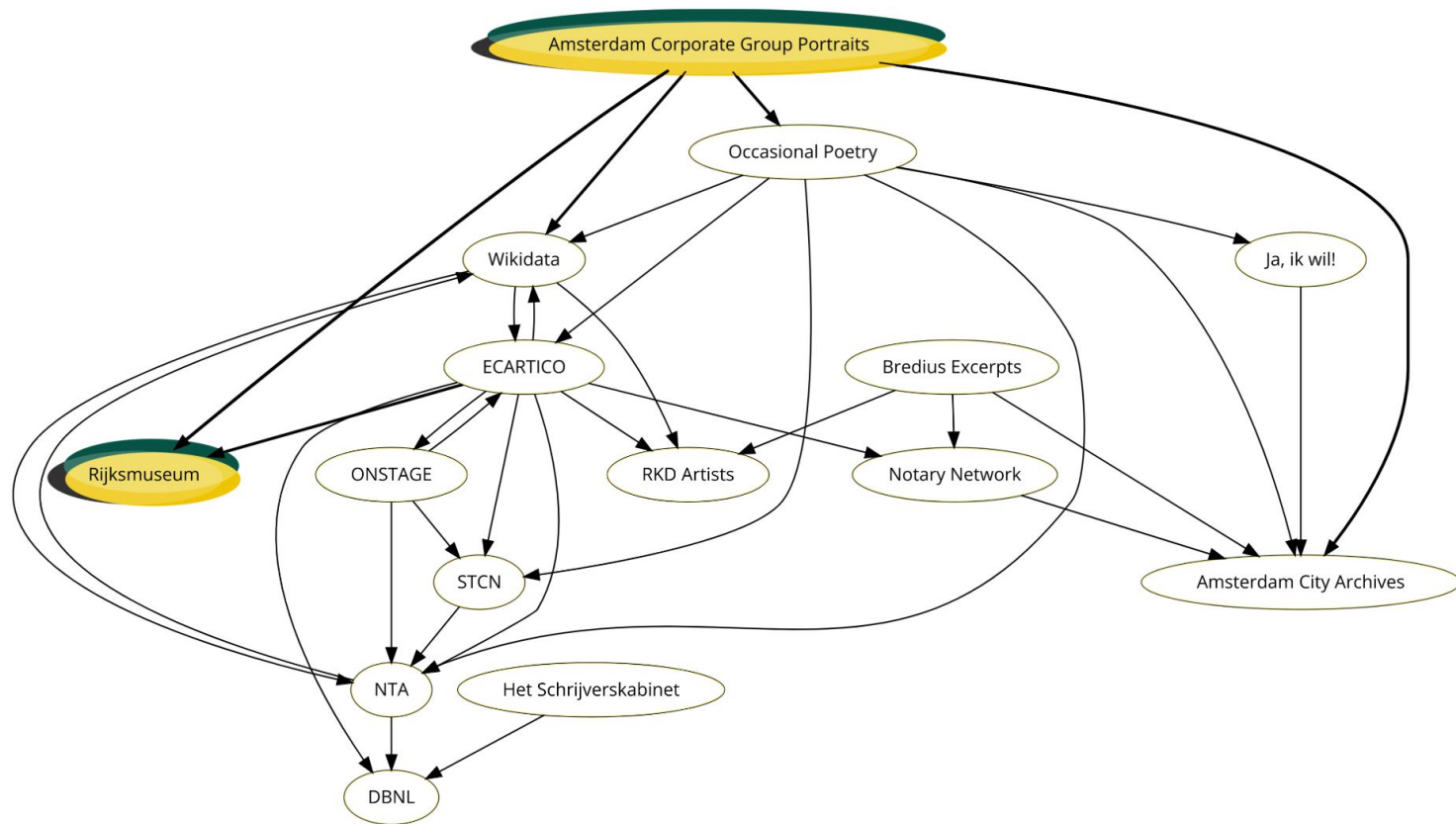
About

- Various functions in the city
 - Member of several civic guards
 - Career
- Member of the Vroedschap

Timeline

- Birth (1608)
- **Sergeant at Schutterij van wijk I (1648-1648)**
- Luitenant at Schutterij van wijk XXIX (1650-1650)
- Luitenant at Schutterij van wijk XXIV (1658-1666)
- Regent at Nieuwezijds Huiszittenhuis (1651-1672)
- Counselor at the City Government (1672-1694)
- Alderman at the City Government (1673-1673)
- Captain at Schutterij van wijk XXV (1666-1681)
- Colonel at Unknown organization (1683-1683)
- Colonel at Schutterij van wijk XI (1681-1684)
- **Burgomaster** at the City Government (1688-1688)
- Death (1694)





Dataset

Rijksmuseum



Rijksmuseum

Dataset description

Europeana Data Model (edm) dump of the Rijksmuseum Collection data.

Dataset statistics

- 667,890 Works
- 62,897 Agents

Links

- Limited/None

Creator

- Rijksmuseum



Painting characteristics

- Title: Six Regents and the Beadle of the Nieuw Zijds Institute for the Outdoor Relief of the Poor, Amsterdam, 1657
- Extent: canvas, oil paint
- Dimensions:
 - height 143 cm
 - width 192 cm
- Date: 1657-07-24

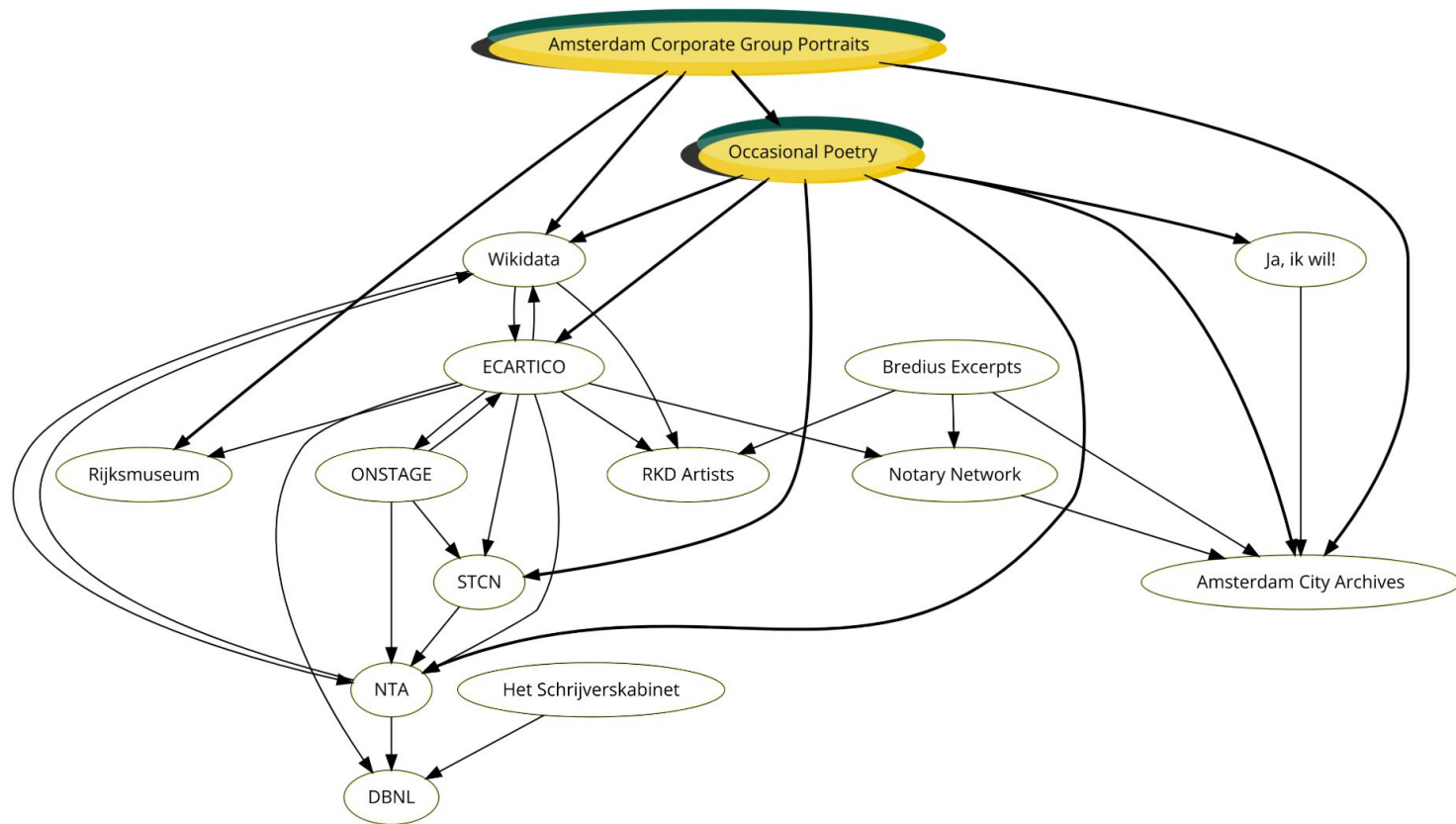
Portrayed

- Cornelius Metsue
- Jan Appelman
- Abraham Ernst van Bassen
- Joachim Jansz Scheepmaker
- Jan van Halewijn
- Tyman Veeneman.



Zes regenten en de bode van het Nieuwe Zijds Huiszittenhuis te Amsterdam, 1657, Ferdinand Bol, 1657

<http://hdl.handle.net/10934/RM0001.COLLECT.6108>



Dataset

Occasional Poetry

[=Gelegenheidsgedichten]



Occasional Poetry

Dataset description

Contains information on poetry written for a particular occasion (e.g. marriage, death, profession), including information on author, printer, beneficiary, and the event itself.

Dataset statistics

- 15,459 Persons
- 6,906 Works / poems
- 5,677 Events

Links

- STCN, ECARTICO, Wikidata
- 5,149 links to NTA
- 15,688 links to Amsterdam City Archives

Creator

- Golden Agents project
(original data supplied by Koninklijke Bibliotheek)

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<http://data.bibliotheken.nl/id/dataset/ggd/event/1688-02-01-1>

- Persons:

- Joannes Hudde (<http://data.bibliotheken.nl/id/thes/p108676064>)
- **Joan Appelman** (<http://data.bibliotheken.nl/id/thes/p237543486>)
- **Nicolaes Witsen** (<http://data.bibliotheken.nl/id/thes/p068444530X>)
- Cornelis Geelvinck (<http://www.wikidata.org/entity/Q176071>)

- Author:

- **Jan Norel** (<http://data.bibliotheken.nl/id/thes/p072754362>)

- Printer:

- Dirk Boeteman (<http://data.bibliotheken.nl/id/thes/p075539543>)

<https://geheugen.delpher.nl/nl/geheugen/view?coll=ngvn&identifier=KONB16:377858307>

ZEGEN - WENSCH.
Aan de Stadt A M S T E R D A M,
onder t Gezag.
Van de Weldele Grootachtbare Heeren
BURGERMEESTEREN.

JOANNES HUDDÉ.
CORNELIS GEELVINK, Heer van Castricum.
M^r. NICOLAES WITSEN.
JEAN APPELMAN.



Ontzaglik Amſterdam, Scheeprijk, alomt vermaart:
Door zegen onderſtur, door 's Hemelsgunſt bewaart;
Verbettert en vergroot: aanzienlik aan begeren:
Geloof, viermaal geluk, met u vernieuwe Heeren.
U Burgervaderen, 't doorlugt die Viergetal!
Bekent, groecmt, ge-eert, by na ſchier overal
Daar twerpaarwinden, aan vierhoeken lugtig wayen,
Hoe luttel vintm'er, die u kunnen overkryen!
Mijn Jeugt zag Afrika, Amerika, Euroop;

Dien Tiber, Tuging, en Tecms. 'k voort in dien ommenloop
Geeu bovevarenfen in andre Wereldsteden,
Met wien de Stads! om prijs, zelve in Europo kraakelen?
Dien Rome, van Mars, Ziville of Florents!
Ver Steelen, prijbaar fraai, want vooft u niet megenigden,
Of te Venetse, Parijs, of te Britfifloren!
Geen twijfel dat men niet vernooogen geven konnen.
Schoon Romeen, out van roem, tegzeg had wonder groot,
Hee nieuwe Romeen flaat by roude, doot en dood.
Ziville en fchmidt, hoe koninkrijk en it' pralen!
Die Engelen heere, die ftrijkte op te halen.
Florent's fchmidt dat myn oogen zoort heeft gefcheiden
Wienz vrankrike Landts van d'Ame wart groet,
Was ridderscheit van Hoot; 200't is gebroken,
Wien derf dien Letterheid, dien Fenix, tegenrekenen
Venetie, of wel fchoon Sint Markus Zegevoer bral,
Dis Krutzen en twe Leuwes heet ook niet min bevall.
Dien Romeen en mien en magtig het mag huten,
Yait nu toe, toe! Zieglerdreef den droom niet af!

Nieuwland, 'nag beoedde, en Kroonloos, 'nag kroonloos,
 Staat als 'n aanschouwer schouw, in 't weerthebuwen schoon,
 Maar zomeren Konstantijn, dien Hopsoeter wil horen,
 [Een luitje, by de Voort, op Heilikon, geboren]
 [Een luitje, dat zijn vaders naam, en vaderland, verhoort]
Die 't verblifghet van haer flijet, heeft adersgh' geniet
 Gebroetweert, wie zal u schildren dan na 't leven?
 Wat pen, hoe net heeft, heeft ook u lof volbrengen?
Die ziele, na 't Lustinroep, 't Hollands wonderd!
 [Een luitje, want 't is 'n luitje, dat 'n luitje, dat 'n luitje]
 Is Anloos Poot, een Amstelzieders een reng,
 Diens Heusheis vrientfchap wil vernoot'heit binnen Romen,
 Toen Alexander op Sint Peters Zetel zat,
 Die in 't Groot-vrede jaar doorwaandelde onze Staat.
 't Is Kenlijk, dat 't verbeide, dat 't verbeide, dat 't verbeide
 Nogzins zijn Kinkinscrift, befield een beter wit
 Houde veel van 'Amstelaars in 't Koninklijk Madrid
 Hy vatte by de hand, 't voorgaande blijk vergaen.

In beugte er den den des Koninkx, oer't een.
 Ten troetgroepscip, grootloftig na, bezag
 Het konink, en den konink, en verbaasde
 Toont gind haar inboorling, in't koftelijk Florencia.
 Voer Maximilian, een Keizer vele menschen
 Twee eeuwen voor die Jaar, uit zijn verheven Troon
 Schiedt Adelwyspenschiedt den Keizerlijckekroon.
 Om't konink, den konink, en verbaasde
 Quam zig met majestet in Gyffroldtliche vanden
 Daar na, de Ryckworfden den Britten; in de hande
 Van wiens Gemene, een tuit van Scepters was gepland.
 Ja, wimen't Noormuzik van't itelpensar geloven,
 Den konink, den konink, en verbaasde
 Om't Weersloeknagde en het groetbeel't van dien,
 Nieuwsierig uer't aart, met volle vruet te boren
 Want Goden wonen hier, en Goden minnen Gode.
 Merkuit des Koopmans God, en's hemelsvruetgeode,
 Gode, den konink, den konink, en verbaasde
 Ziet zijn dierdandere, den gijf, den Yffrold
 Minne Kunstgodheid, dat tuer gijf te ruffen.

Vermaakt zig ongemeen, behalven andre kusten.
 Niet weinig ook alhier. Bout School en Wetenschap,
 En voort den leerling op een' Glorijekramp.
 Regeerkunft vol ontzag, en Wiskunft der kunsten,
 Daar onder Sterrekunft, bewijst zij eere en gunste:
 Vertoont aan 's hemelszal, Zaturius, en Jupyn.
 Mars, Venus, en Merkuur, en Zonne en maneschy.
 Leert op en ondergang, en Omloep dezer Zeven:
 Chaldeen, Egypten, noch Griek was meer verheven,
 In 't Goddelijk begrip, van deez' verborgentheit,
 Als wel den Batavij in deze letteren.

T' wro't vry, o' Stad der Streken, verheerlikt met palceizen,
 Te troden 't Raathuis in; daar schanderde Wereltwijze
 De Grote menigven, veid duizent, duizent liën,
 Zagt lieden, koelceren, deigen, en gebieden:
 Hier vutmen Grootcoze, in aan verheiden Streken
 Hier vryheethoet op 't Hoof, gekronckelockpen spreken:
 Thuis dapprennen n'g, n'g, n'g, n'g, n'g, n'g, n'g, n'g,
 En 't lyf opoffieren ten beffen vanden Raar,
 Indien 't den Staat verciert: hier zietmen Amptenaren,
 Die, also weinig zin; door onspoet te vervaren,
 Als Markus Kurtius, in zijn Romainsefcheel.
 Hier lieft de Leucon, die nootst flawen in 't gewoel
 Van alleerle Gedrag, als die fterft in 't geveel.
 Maar moedig, 't Swaart des krijts, met heidelenhanden grijpen,
 Wanneer den Krijgspoot Mars, dien fellen dwingelint,
 Hun grimmig aan komt zien, te water of te land.

Doch liep de *meester*, den *zantzen* weer droe
 Verkriften Vadersen des Vaderslandes, alom.
 Men hoort geen *Mayorsfien*, alleen den burgerrom,
 Om met een openoog, aan Poorten en Stadswallen
 Te waken, Gae'te lian, dat ramp noch ongevallen
 Den *stad* niet, den *flap* den burgerdor
 Voor 's burgersvelvelien, den *flap* den burgerdor
 Staat eeuwig op zijn waz, en loert met Argusden
 Dat d'Amsterdamse Noe, geen melk meer wort ontogen
 Al't nodig voedeel; nu wort Zeevaert, Staat en Stad,
 En wederom op 't nie, den *flap* den burgerdor
 Voor Burgersvadersen, van den *flap* den burgerdor
 Uit Wettelikeure, 't loogachtzaraarsgefean,
 Als: Hude, CASTRIGUM, WITZEN, en, APPELMAN,
 Ikenen by voorge eue, in hun beroemde flammen, *
 Den *flap* den burgerdor, den *flap* den burgerdor
 Die 't ont verminkt Schuis den *flap* den burgerdor
 Gelijk tot dezert zijt ne napeffanden doet,

L. NORELL

REGEERENDE HEREEN, inde vervolgende jaren.

Hendrik Huidje Arentz Schuyten Aa. 1582. 1590. 1592. 1593. 1594. 1596.
Hendrik Huidje. Schuyten Aa. 1612. 1614. 1616.

1618.

[in *Concilia Germaniae Imperatorum*. Ro., 1616, 1628, 1639, 1634, 1616, 1637, 1619, 1641, 1643, 1644, 1646, 1647.

Geert Jacob Wierse, *Burgemeester*, A.m. 1700, 1703, 1708, 1710, 1712, 1714, 1716, 1718, 1720, 1722, 1724, 1726, 1728, 1730, 1732, 1734, 1736, 1738, 1740, 1742, 1744, 1746, 1748, 1750, 1752, 1754, 1756, 1758, 1760, 1762, 1764, 1766, 1768, 1770, 1772, 1774, 1776, 1778, 1780, 1782, 1784, 1786, 1788, 1790, 1792, 1794, 1796, 1798, 1800, 1802, 1804, 1806, 1808, 1810, 1812, 1814, 1816, 1818, 1820, 1822, 1824, 1826, 1828, 1830, 1832, 1834, 1836, 1838, 1840, 1842, 1844, 1846, 1848, 1850, 1852, 1854, 1856, 1858, 1860, 1862, 1864, 1866, 1868, 1870, 1872, 1874, 1876, 1878, 1880, 1882, 1884, 1886, 1888, 1890, 1892, 1894, 1896, 1898, 1900, 1902, 1904, 1906, 1908, 1910, 1912, 1914, 1916, 1918, 1920, 1922, 1924, 1926, 1928, 1930, 1932, 1934, 1936, 1938, 1940, 1942, 1944, 1946, 1948, 1950, 1952, 1954, 1956, 1958, 1960, 1962, 1964, 1966, 1968, 1970, 1972, 1974, 1976, 1978, 1980, 1982, 1984, 1986, 1988, 1990, 1992, 1994, 1996, 1998, 2000, 2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018, 2020, 2022, 2024, 2026, 2028, 2030, 2032, 2034, 2036, 2038, 2040, 2042, 2044, 2046, 2048, 2050, 2052, 2054, 2056, 2058, 2060, 2062, 2064, 2066, 2068, 2070, 2072, 2074, 2076, 2078, 2080, 2082, 2084, 2086, 2088, 2090, 2092, 2094, 2096, 2098, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2128, 2130, 2132, 2134, 2136, 2138, 2140, 2142, 2144, 2146, 2148, 2150, 2152, 2154, 2156, 2158, 2160, 2162, 2164, 2166, 2168, 2170, 2172, 2174, 2176, 2178, 2180, 2182, 2184, 2186, 2188, 2190, 2192, 2194, 2196, 2198, 2200, 2202, 2204, 2206, 2208, 2210, 2212, 2214, 2216, 2218, 2220, 2222, 2224, 2226, 2228, 2230, 2232, 2234, 2236, 2238, 2240, 2242, 2244, 2246, 2248, 2250, 2252, 2254, 2256, 2258, 2260, 2262, 2264, 2266, 2268, 2270, 2272, 2274, 2276, 2278, 2280, 2282, 2284, 2286, 2288, 2290, 2292, 2294, 2296, 2298, 2300, 2302, 2304, 2306, 2308, 2310, 2312, 2314, 2316, 2318, 2320, 2322, 2324, 2326, 2328, 2330, 2332, 2334, 2336, 2338, 2340, 2342, 2344, 2346, 2348, 2350, 2352, 2354, 2356, 2358, 2360, 2362, 2364, 2366, 2368, 2370, 2372, 2374, 2376, 2378, 2380, 2382, 2384, 2386, 2388, 2390, 2392, 2394, 2396, 2398, 2400, 2402, 2404, 2406, 2408, 2410, 2412, 2414, 2416, 2418, 2420, 2422, 2424, 2426, 2428, 2430, 2432, 2434, 2436, 2438, 2440, 2442, 2444, 2446, 2448, 2450, 2452, 2454, 2456, 2458, 2460, 2462, 2464, 2466, 2468, 2470, 2472, 2474, 2476, 2478, 2480, 2482, 2484, 2486, 2488, 2490, 2492, 2494, 2496, 2498, 2500, 2502, 2504, 2506, 2508, 2510, 2512, 2514, 2516, 2518, 2520, 2522, 2524, 2526, 2528, 2530, 2532, 2534, 2536, 2538, 2540, 2542, 2544, 2546, 2548, 2550, 2552, 2554, 2556, 2558, 2560, 2562, 2564, 2566, 2568, 2570, 2572, 2574, 2576, 2578, 2580, 2582, 2584, 2586, 2588, 2590, 2592, 2594, 2596, 2598, 2600, 2602, 2604, 2606, 2608, 2610, 2612, 2614, 2616, 2618, 2620, 2622, 2624, 2626, 2628, 2630, 2632, 2634, 2636, 2638, 2640, 2642, 2644, 2646, 2648, 2650, 2652, 2654, 2656, 2658, 2660, 2662, 2664, 2666, 2668, 2670, 2672, 2674, 2676, 2678, 2680, 2682, 2684, 2686, 2688, 2690, 2692, 2694, 2696, 2698, 2700, 2702, 2704, 2706, 2708, 2710, 2712, 2714, 2716, 2718, 2720, 2722, 2724, 2726, 2728, 2730, 2732, 2734, 2736, 2738, 2740, 2742, 2744, 2746, 2748, 2750, 2752, 2754, 2756, 2758, 2760, 2762, 2764, 2766, 2768, 2770, 2772, 2774, 2776, 2778, 2780, 2782, 2784, 2786, 2788, 2790, 2792, 2794, 2796, 2798, 2800, 2802, 2804, 2806, 2808, 2810, 2812, 2814, 2816, 2818, 2820, 2822, 2824, 2826, 2828, 2830, 2832, 2834, 2836, 2838, 2840, 2842, 2844, 2846, 2848, 2850, 2852, 2854, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 2872, 2874, 2876, 2878, 2880, 2882, 2884, 2886, 2888, 2890, 2892, 2894, 2896, 2898, 2900, 2902, 2904, 2906, 2908, 2910, 2912, 2914, 2916, 2918, 2920, 2922, 2924, 2926, 2928, 2930, 2932, 2934, 2936, 2938, 2940, 2942, 2944, 2946, 2948, 2950, 2952, 2954, 2956, 2958, 2960, 2962, 2964, 2966, 2968, 2970, 2972, 2974, 2976, 2978, 2980, 2982, 2984, 2986, 2988, 2990, 2992, 2994, 2996, 2998, 3000, 3002, 3004, 3006, 3008, 3010, 3012, 3014, 3016, 3018, 3020, 3022, 3024, 3026, 3028, 3030, 3032, 3034, 3036, 3038, 3040, 3042, 3044, 3046, 3048, 3050, 3052, 3054, 3056, 3058, 3060,

Dr. Constance Jan Witten-Burgess-Wood, *Am. Stud.* 1949, 1942, 1913, 1915, 1910, 1900, 1921, 1927.
 Dr. Constance Jan Witten-Burgess-Wood, *Am. Stud.* 1919, 1913, 1914.

Mr. Nicholas Wilson, *Bayernwechter*, No. 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 1881, 1882, 1883, 1884, 1885, 1886, 1887, 1888, 1889, 1890, 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 23

von Appellman, Burgmeister der A. 1482.

Amsterdam, by Dirk Roeterman, op de Cingel.

< Zegen-wensch, aan de stad Amsterdam, onder't gezag van de weledele grootachtbare heeren burgemeesteren, Joannes Hudde. Cornelis Geelvink, heer van Castricum. Mr. Nicolaes Witsen. Jean Appelman. Book https://data.goldenagents.org/datasets/ggd/897	BibliographicFormat Plano StcnCollationalFormula 1 blad Type Book Label Zegen-wensch, aan de stad Ams icolaes Witsen. Jean Appelman. About Ambtsaanvaarding (1688) Joannes Hudde Jean Appelman Nicolaes Witsen Cornelis Geelvinck Author Norel, Jan InLanguage iso639-3:dut MainEntityOfPage Nceb78deb5e2b49e49377ef041fc00801 Name Zegen-wensch, aan de stad Ams icolaes Witsen. Jean Appelman. Publication t'Amsterdam, by Dirk Boeteman, op de Cingel. (?) WorkExample Koninklijke Bibliotheek 1056 J 10:31	< Ambtsaanvaarding (1688) Event http://data.bibliotheken.nl/id/dataset/ggd/event/1688-02-01-1	FollowingEvent 70d5deee-69a3-4b1a-951b-b1840bf820a9?event=Event1 EventType Ambtsaanvaarding HasActor Jean Appelman Joannes Hudde Cornelis Geelvink Nicolaes Witsen HasEarliestBeginTimeStamp 1688-02-01 HasLatestEndTimeStamp 1688-02-01 HasPlace Amsterdam HasTimeStamp 1688-02-01 Type Event Label Ambtsaanvaarding (1688) SubjectOf Aan den edele groot achtbaaren heere Joan Hudde, als zyn edelgheer van Amsteldam was verkooren. In Amsteldam den 1 february des jaers 1688. Zegen-wensch, aan de stad Amsterdam, onder't gezag van de weledele grootachtbare heeren burgemeesteren, Joannes Hudde. Cornelis Geelvink, heer van Castricum. Mr. Nicolaes Witsen. Jean Appelman.
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Dataset

Short Title Catalogue of the Netherlands (STCN)



STCN

Dataset description

Expert descriptions of books printed in the Netherlands between 1473-1801 with information on authors, titles, imprints, size, collation formula, subject keywords and typographical features.

Dataset statistics

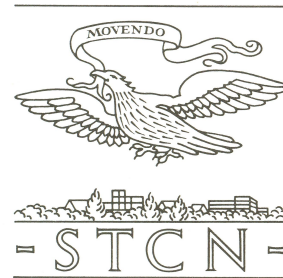
- 229,883 Books/prints
- 37,898 Authors
- 11,031 Printers

Links

- [NTA, KB Printers](#)

Creator

- Koninklijke Bibliotheek
(with advice from Golden Agents project)



Nicolaes Witsen (1641-1717)

Standard work on Shipbuilding

Important for growth of Amsterdam



is schema:author van

62 resources ◀ ▶

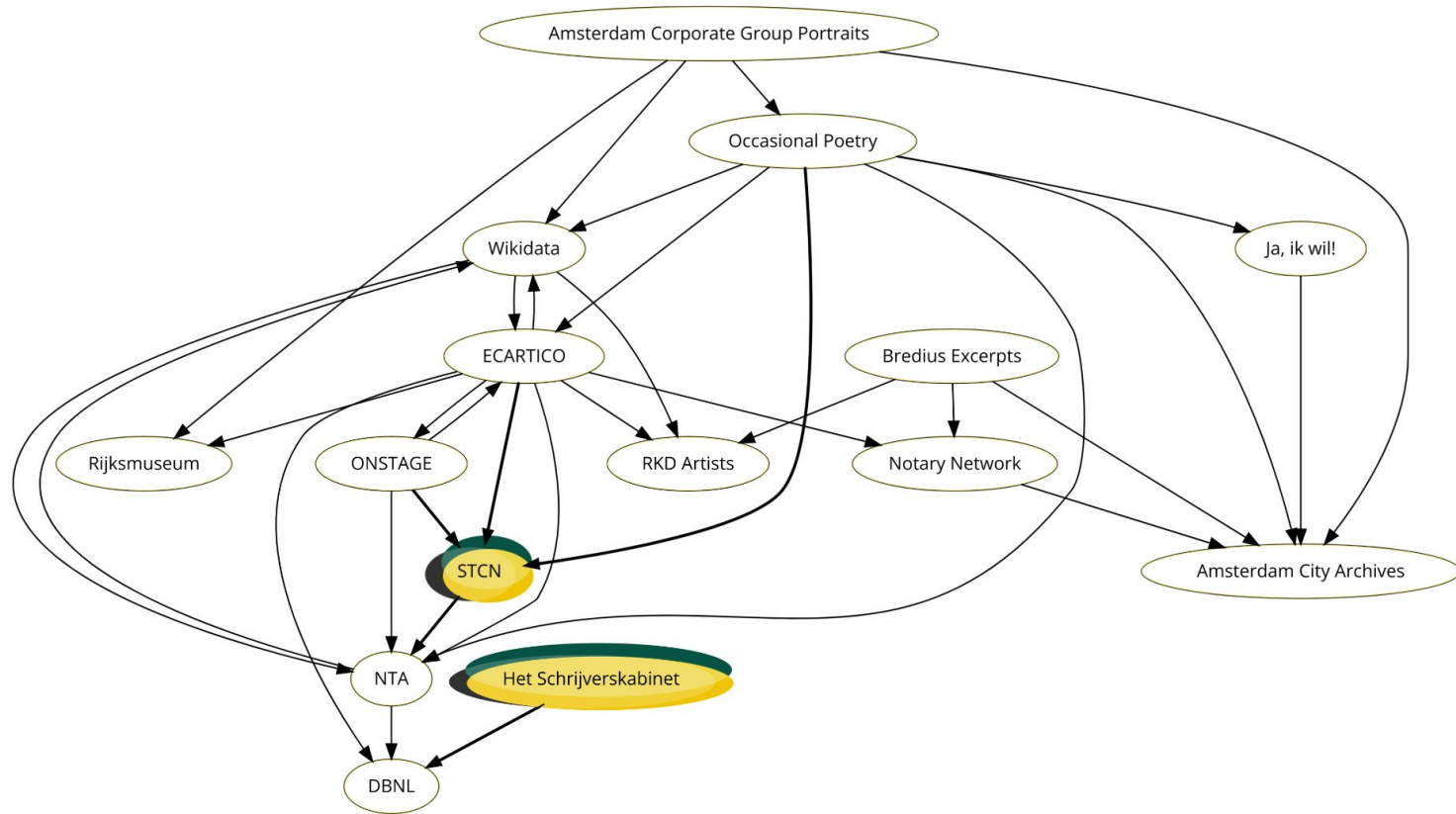
<<http://data.bibliotheken.nl/id/nbt/p394965817>>
↳ Architectura navalis et regimen nauticum : ofte aalou

<<http://data.bibliotheken.nl/id/nbt/p377506923>>
↳ Noord en Oost Tartarye, Georgia of Iberia en Mengre

<<http://data.bibliotheken.nl/id/nbt/p802576281>>
↳ Aeloude en hedendaegsche scheeps-bouw en bestie

<http://data.bibliotheken.nl/id/nbt/p853708711> (STCN)

Titel:	Aeloude en hedendaegsche scheeps-bouw en bestier. / By Nicolaes Witsen
Impressum:	Amsterdam, C. Commelijn, B. and J. Appelaer booksellers, 1671
Annotatie:	Another issue of the edition Amsterdam, C. Cunradus, 1671
Omvang:	144.5 sheets
Formaat:	2°
Collatie:	*-2*4 A-3S4 3T2, 2A-E4 2F2 2[G]1
Vingerafdruk:	167102 - a1 *3 e\$z : a2 2*2 circu - 1b1 A \$: 1b2 3T2 apte\$st - 2b1 A H : 2b2 F n 167102 - a1 *3 e\$z : a2 2*2 \$circu - 1b1 A \$: 1b2 3T2 apte\$st - 2b1 A H : 2b2 F n
Typografische informatie:	z (titelblad in meer kleuren) , x (typografische titelpagina) , w (gegraveerde titelpagina)
Auteur:	Nicolaes Cornelisz. Witsen (1641-1717) (ISNI 0000 0001 0787 5991)
Jaar:	1671
Drukker / Uitgever:	Appelaer, Broer Amsterdam, 1661-1673; Appelaer, Jan Amsterdam, 1661-1709; C
Onderwerpstrefwoord:	Traffic technology
Signatuur:	Amsterdam, Rijksmuseum Research Library : 300 B 15 Amsterdam, Rijksmuseum Research Library : 307 A 15 Amsterdam, Rijksmuseum Research Library : KOG OF-82 (lacks engraved title-pag Amsterdam, UB : OF 63-1020 Cambridge, University Library : Hanson.b.67 Delft, Technische Universiteit : TR 521422 Den Haag, KB : 470 B 13 Den Haag, Museum Meermannno : 105 B 016 Leiden, UB : 678 A 15 London, British Library : 62.h.9 London, British Library : 154.i.21 London, British Library : 533.k.14 Skokloster, Slotts Bibliotek : I.26.5 Utrecht, UB : P fol.65 Wolfenbuettel, Herzog August Bibliothek : Od 4° 69 NL-: Rotterdam, Maritiem Museum Rotterdam: WAE 3 E 5
URL:	Illustration Illustration
Recordnummer:	853708711



Dataset

Panpoëticon Batavûm [=Schrijverskabinet]

Panpoëticon Batavûm

Dataset description

Collection of portraits of Dutch writers with information on painters and the people portrayed.

Dataset statistics

- 340 Portraits
- 339 Persons
- 28 Artists

Links

- DBNL, Rijksmuseum

Creator

- Golden Agents project
(original data Lieke van Deinsen, Ton van Strien)



Jan Norel (1635-1700)

Relatively unknown, yet included in the Panpoëticon with portraits of 338 others

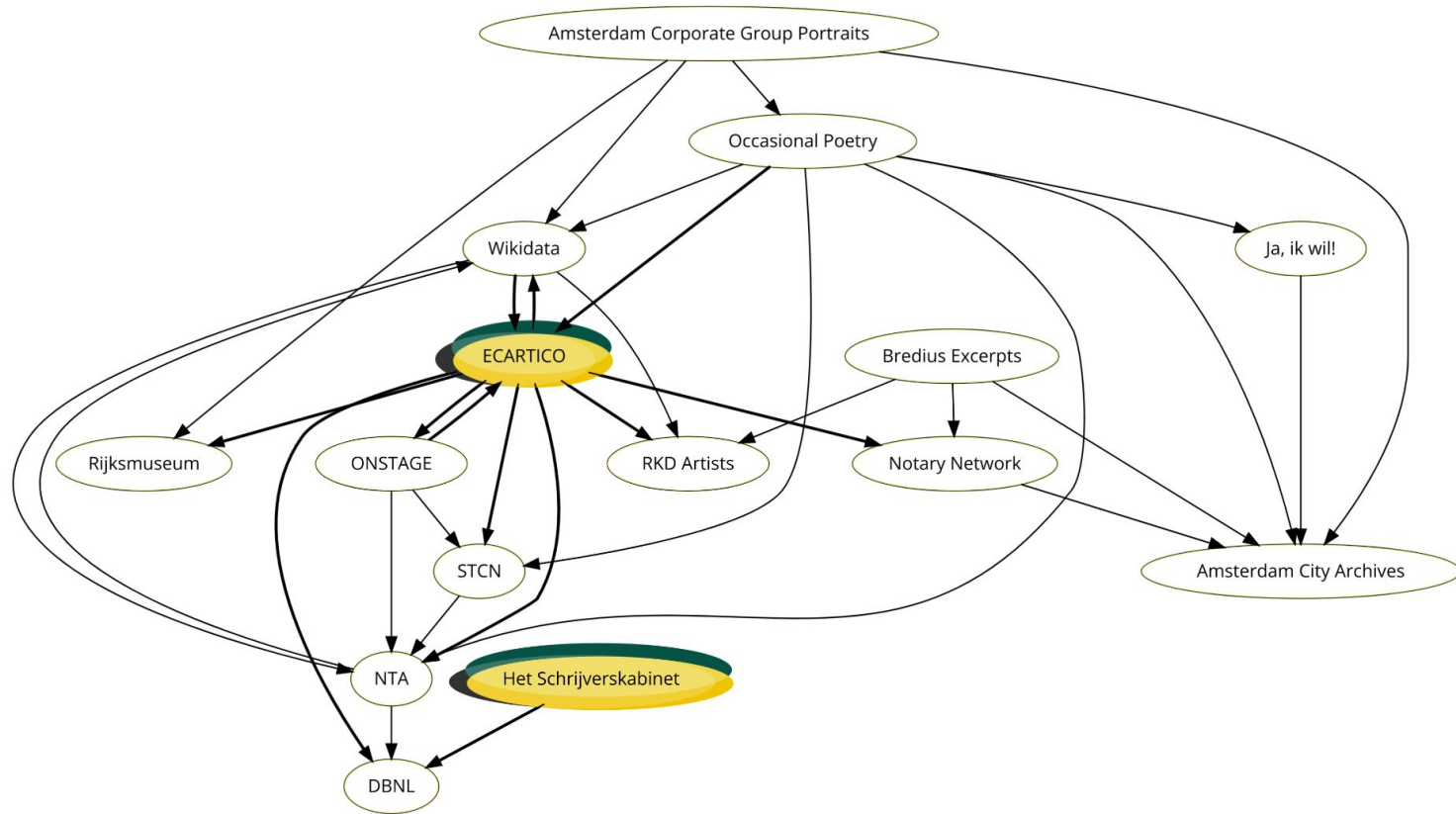
Contributor of 61 works in the Rijksmuseum

Wrote 25 works in the STCN/GGD as author



3D reconstruction

<http://schrijverskabinet.nl/>





Dataset

ECARTICO

ECARTICO

Dataset description

Structured biographical data concerning painters, engravers, printers, booksellers, gold- and silversmiths and others involved in the 'cultural industries' of the Low Countries in the 16-17th centuries.

Dataset statistics

- 59,649 persons
- 3,552 places
- 1,490 occupations

Linksets

- Wikidata, NTA, RKD Artists, DBNL, VIAF, etc.
- 105,439 external links (hub)

Creator

- Harm Nijboer, Judith Brouwer, Marten Jan Bok (UvA)





Schutters van Wijk 1 onder kapitein Joan Huydecoper en luitenant Frans van Waveren, Govert Flinck, 1648 – 1650, <http://hdl.handle.net/11259/collection.38463>

Joris de Wijse



<https://www.vondel.humanities.uva.nl/ecartico/persons/23653>



ECARTICO

Linking cultural industries in the early modern Low Countries, ca. 1475 - ca. 1725

About ECARTICO

+ Analysis

+ Search & browse

+ Impressum

[Search](#) | [Advanced search](#) | [Browse](#) | [Selections](#) | [Persons](#)

Joris de Wijse

Name: Joris de Wijse

Gender: male

Born: [Amsterdam](#) baptized on 1621-01-07

Died: [Utrecht](#) 1666-02-07

Father: [Juriaan de Wijse](#) (? - 1645)

Mother: [Trijntje Joris](#) (? - ?)

- [Show kinship network](#)
- [Show three step network](#)

Marriages:

- [Adriana van Heusden](#) (1623 - 1673), [Amsterdam](#) 1642-12-20

Children:

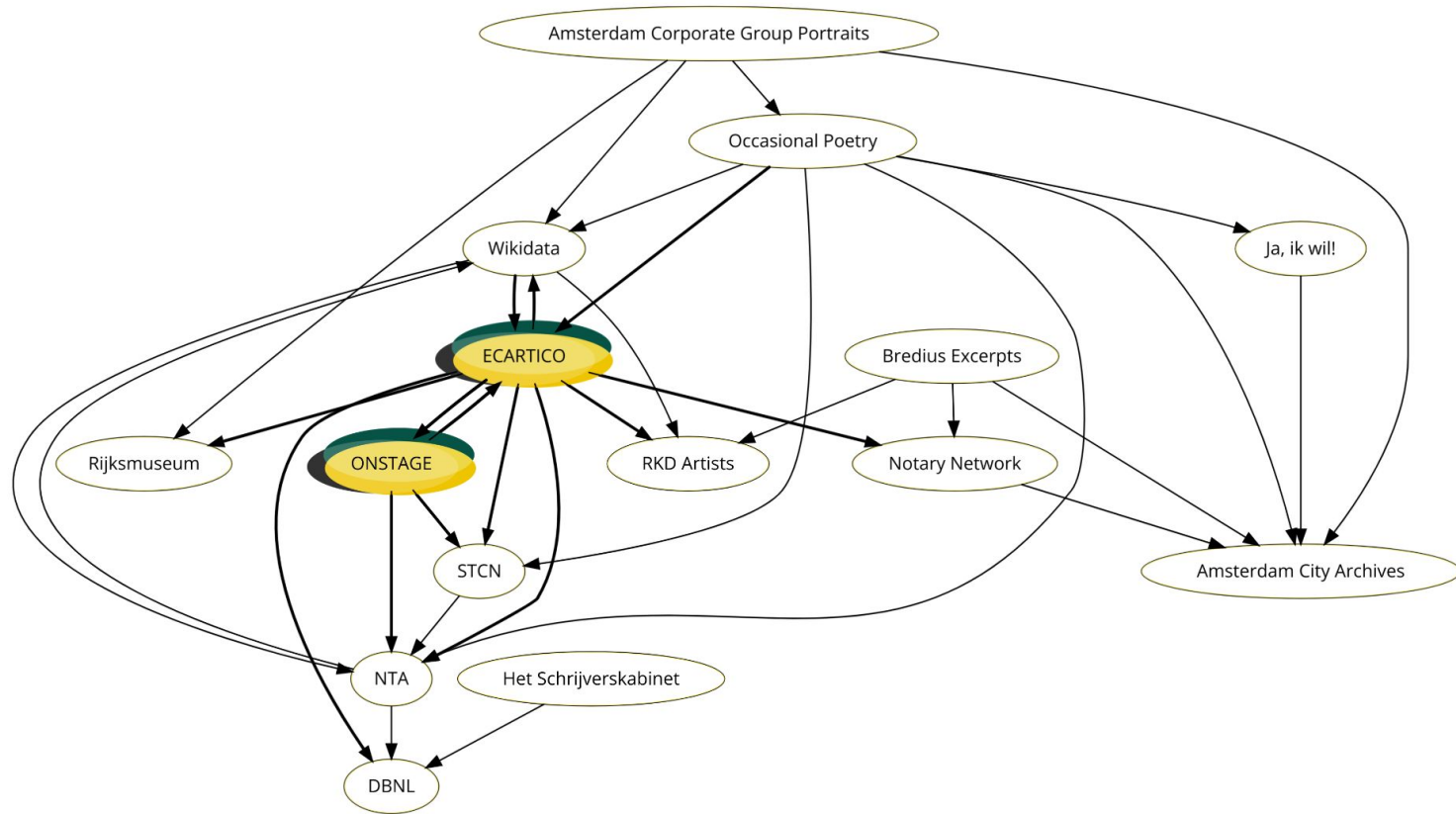
Occupation(s):

- [art dealer](#)
- [playwright](#)
- [ontvanger](#)
- [notary](#) (1644-1663)
- [soldier](#) (1666-1666)

Occupational address(es):

- [Amsterdam](#) (1642-1663)

Attributes





Dataset

ONSTAGE

ONSTAGE

Dataset description

Contains information on repertoire, performances, popularity and revenues of the cultural program in Amsterdam's public theatre during the period 1637 - 1772.

Dataset statistics

- 107,750 Events/Performances
- 2,977 Works
- 1,699 Persons

Links

- NTA, STCN, ECARTICO

Creator

- Harm Nijboer, Flans Blom, Rob van der Zalm (UvA)





ONSTAGE

Online Datasystem of Theatre in Amsterdam from the Golden Age to the present

Voorzigtige dolheit

Monday 25th January 1649

Internal id: 1074

Venue: Schouwburg

Place: Amsterdam

Performances: 1. [Voorsichtighe Dolheijt](#)

Revenue: 201:13:8 (201.675) guilders

Notes:

[Home](#)[Shows](#)[Plays](#)[Persons](#)[Analysis](#)[Output](#)[Colophon](#)

>>

Voorzigtige dolheit

Year: 1649

Language: nl

Author: [Wijse, Joris de](#)

Translation of: [El cuerdo loco](#) (1602)

Printed editions

- **Voorzigtige dolheit, hof-spel.** (1650)
URI: <http://data.bibliotheken.nl/id/nbt/p850448603>
- **Voorzichtige dolheit, hof-spel.** (1659)
URI: <http://data.bibliotheken.nl/id/nbt/p843503955>
- **Voorsigtige dolheit, hof-spel.** (1678)
URI: <http://data.bibliotheken.nl/id/nbt/p314711171>
- **Voorsigtige dolheit, hof-spel.** (1683)
URI: <http://data.bibliotheken.nl/id/nbt/p864230648>
- **Voorsigtige dolheit; hof-spel.** (1701)
URI: <http://data.bibliotheken.nl/id/nbt/p177236094>
- **Voorzigtige dolheit, hofspel.** (1729)
URI: <http://data.bibliotheken.nl/id/nbt/p305843842>

Performances

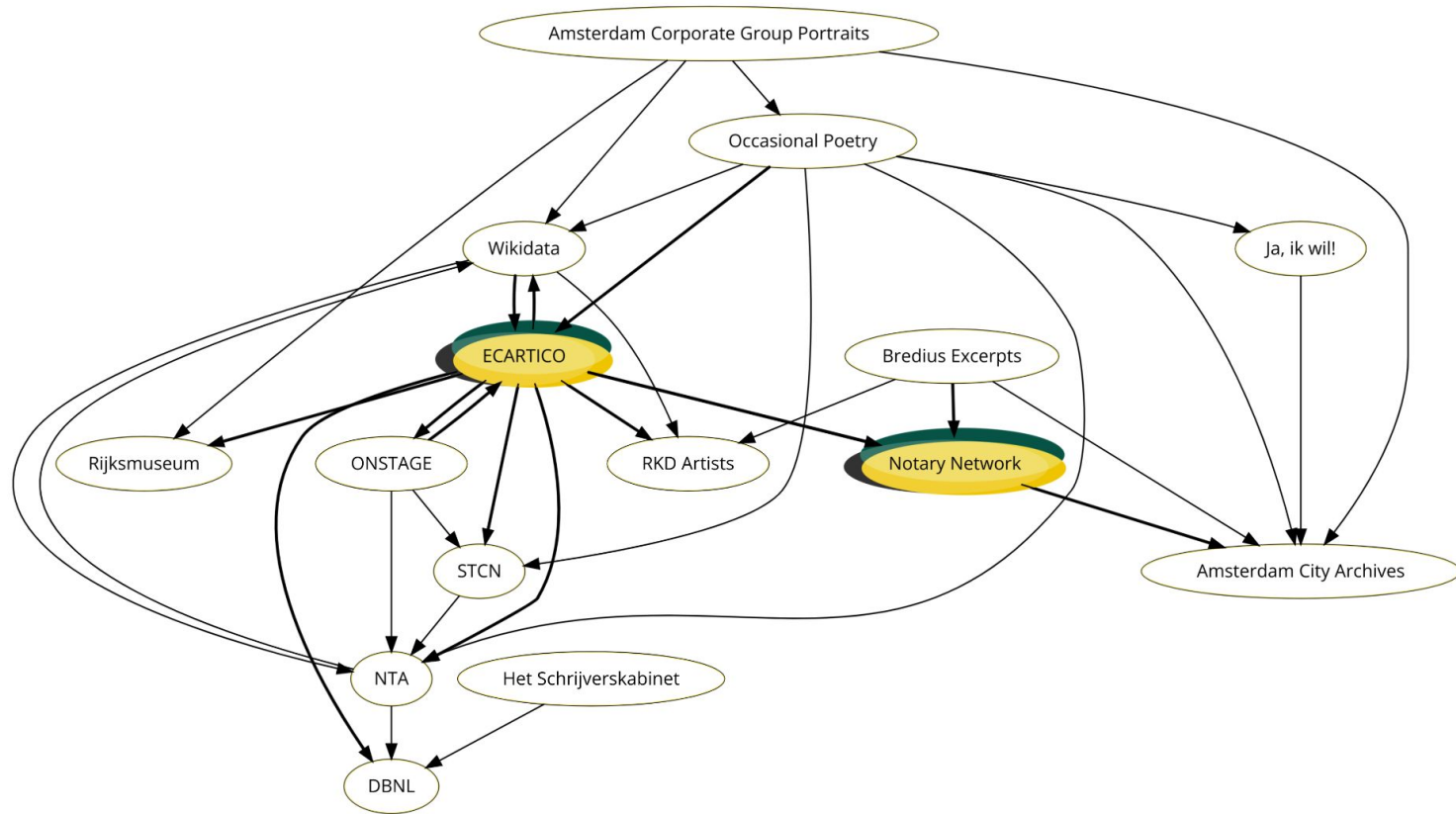
1649-01-25 Schouwburg Amsterdam [Details](#)

1649-01-28 Schouwburg Amsterdam [Details](#)

1649-02-01 Schouwburg Amsterdam [Details](#)

1649-02-04 Schouwburg Amsterdam [Details](#)

1649-03-01 Schouwburg Amsterdam [Details](#)



Dataset

Notary Network

[=Notarissennetwerk]



Notary Network



Dataset description

RDF version of <https://notarissennetwerk.nl/>, contains biographical information on notaries and the inventories they authored.

Dataset statistics

- 31,854 Inventories
- 892 Notaries
- 2,854 Events

Creator

- Golden Agents project
(original data by City Archives Amsterdam)

Dataset

- <https://doi.org/10.5281/zenodo.7278142>

Notary Network - Joris de Wijse

Bridge

- Connects inventories to index data in Amsterdam City Archives Notarial Archive

Useful for entity linking

- Used in Bredius excerpt disambiguation
- Narrowing possible matches through notaries

<https://notarissennetwerk.nl/notaris/2204>

NOTARISSSEN NETWERK

ZOEK NOTARISSSEN

NETWERK VISUALISATIE

PORTRETTE

Joris de Wijse

Personalia

Doop 1621-01-07
Godsdienst
Herkomst Amsterdam

Gebeurtenissen

1621-01-07 doop Oude Kerk te Amsterdam
1640-09-04 admisie op nominatie van 's-Gravenhage
1642-12-20 ondertrouw
1663-08-17 ambtsbeëindiging gevlucht

Werk

Leeftijd bij aanstelling 19
Werkzame jaren van 1644 tot 1663

Nevenfuncties

van 1648 tot 1652 **invorderaar van stads uitstaande schulden**
dichter
schutter
toneelschrijver
impostmeester van de wijnen
kunsthandelaar

Locaties

van 1642 **Nieuwezijds Achterburgwal (Spuistraat)**
van 1651 **Singel**

Netwerk

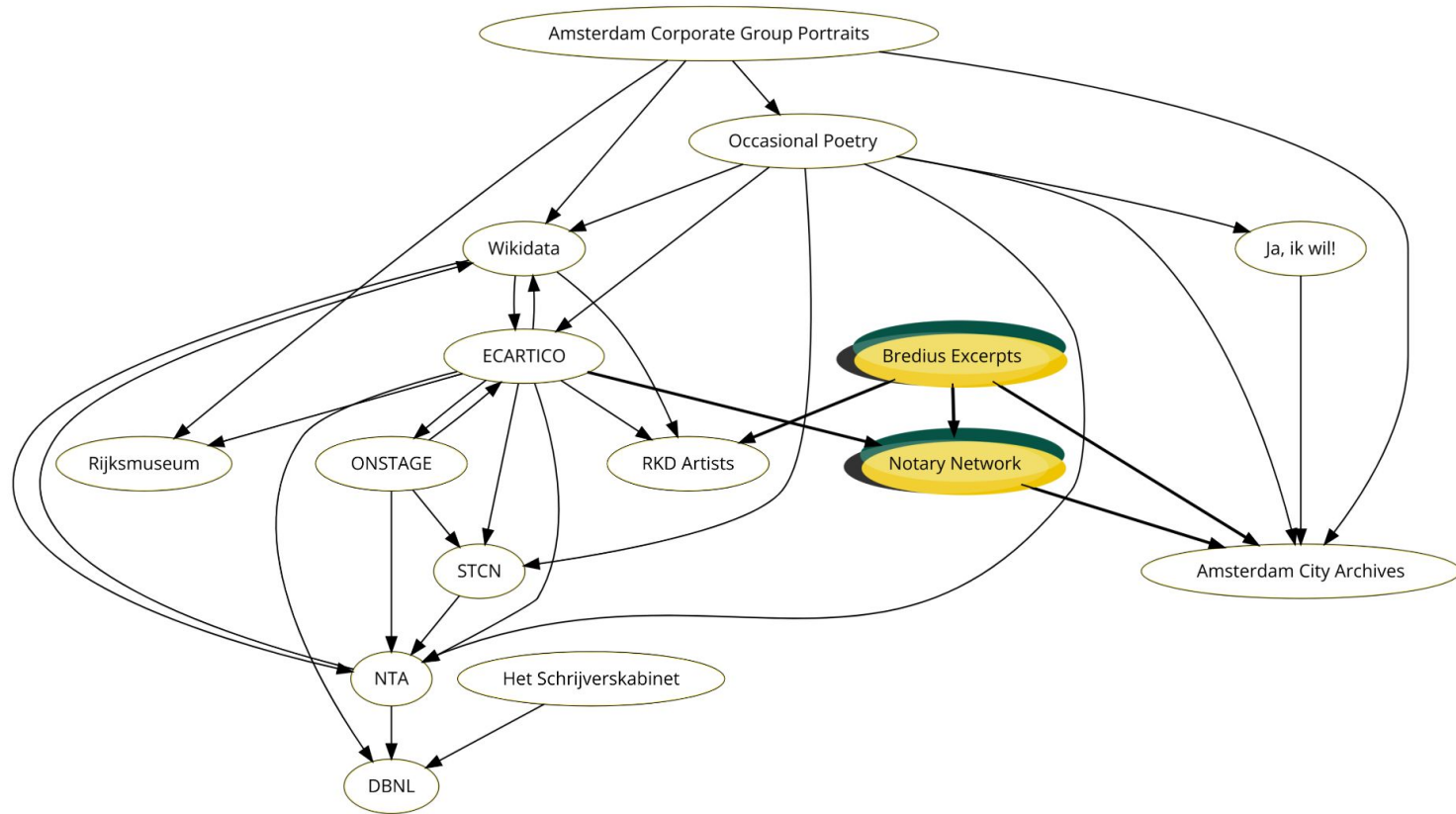
had als klerk **Jurian de Vos**
neef van **Jurian de Vos**
was klerk bij **Johan Dirksz. Verhij**

Persoonlijk netwerk

Relaties met andere personen
getrouwd met **Adriana van Heusden**

Bronnen

overig De vele levens van Joris de Wijse door Laurien van der Werff. Alle Amsterdamse Akten (29-07-2019), <http://alleamsterdamseakten.nl/artikel/1857/de-vele-levens-van-joris-de-wijse/>
overig Toneelstuk De vryaadie van Lactance en Nicole. https://books.google.nl/books?id=2exoAAAAcAAJ&printsec=frontcover&hl=nl&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false
overig Toneelstuk Voorzigtige Dolheit, hof-spel https://books.google.nl/books?id=3uxoAAAAcAAJ&printsec=frontcover&hl=nl&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false
overig Bundel Hollantsche Parnas, of verscheyde gedichten. https://books.google.nl/books?id=UJvJhYVlwYC&printsec=frontcover&hl=nl&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false
overig Het leercontract van Joris de Wijse KLAG06015000614
portret Govert Flinck, Schutters van Wijk 1 onder kapitein Joan Huydecoper en luitenant Frans van Waveren, gedateerd 1648 – 1650 Amsterdam Museum,



Dataset

Breidius Excerpts



Bredius Excerpts



Dataset description

Index on persons (mostly artists) in archival documents, among other from the Amsterdam City Archives. Type of deed, date, persons, locations and roles are indexed.

Dataset statistics

- 11,117 Excerpts
- 29,370 Persons
- 3,771 Places

Links

- Amsterdam City Archives, RKD Artists
- 860 links to Amsterdam City Archive

Creator

- Golden Agents project
(original data RKD)

<https://doi.org/10.5281/zenodo.7271871>

Bredius Excerpts

21 february 1645 Annetje Cornelis, Wed.
van Cornelis Adriaensz, Schilder,
no. J. de Wijse. Amsterdam

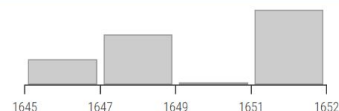
<https://rkd.nl/explore/excerpts/787568>

RKD excerpts

joris de wijse

uitgebreid

Periode



Domein

Archief aantekeningen Abraham Bredius (6)

Trefwoord

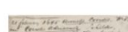
getuige (3)
erfgenaam (1)
huisschilder (1)
machtiging (1)
schilder (1)
student (1)
testament (wilsbeschikking) (1)

6 resultaten, 1 - 6 getoond, pagina 1 van 1

1



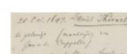
archiefreferentie
0380.570_0017_01.C01,
Amsterdam, 1652-10-24



archiefreferentie
0380.622_0012_01.C10,
Amsterdam, 1645-02-21



archiefreferentie
0380.528_0003_01
Amsterdam, 1647-



Citaat

Archief archief Abraham Bredius

Vorm aantekening

Nummer archiefreferentie: 0380.622_0012_01.C10

Begindatum 1645-02-21

Einddatum 1645-02-21

Trefwoord persoon Annetje Cornelis (weduwe)
Cornelis Adriaensz. (schilder)

Plaats onderwerp Amsterdam

Opmerking Overige vindplaatsen: Notarieel Archief, notaris Joris de Wijse
Kwalificatie namen: Annetje Cornelis, weduwe
Kwalificatie namen: Cornelis Adriaensz., schilder

Permalink <https://rkd.nl/explore/excerpts/787568>

Model

An Ontology for Archival Sources: ROAR++ (rpp)

Veruska Zamborlini, Leon van Wissen



Ontology for archival sources: ROAR++

- **Reconstructions and Observations in Archival Resources**
 - Model what you **observe**, **interpret** and **infer**
 - Then, you make a **reconstruction** based on two or more **observations**

Levels:

1. Collection (cf. **EAD / RiCO**)
2. Observation: Content (from **HTR/transcription**)
3. Observation: Direct interpretation (cf. traditional **index**)
4. Observation: Indirect interpretation
5. Reconstruction into one 'individual concept' (cf. **thesaurus/biography**)

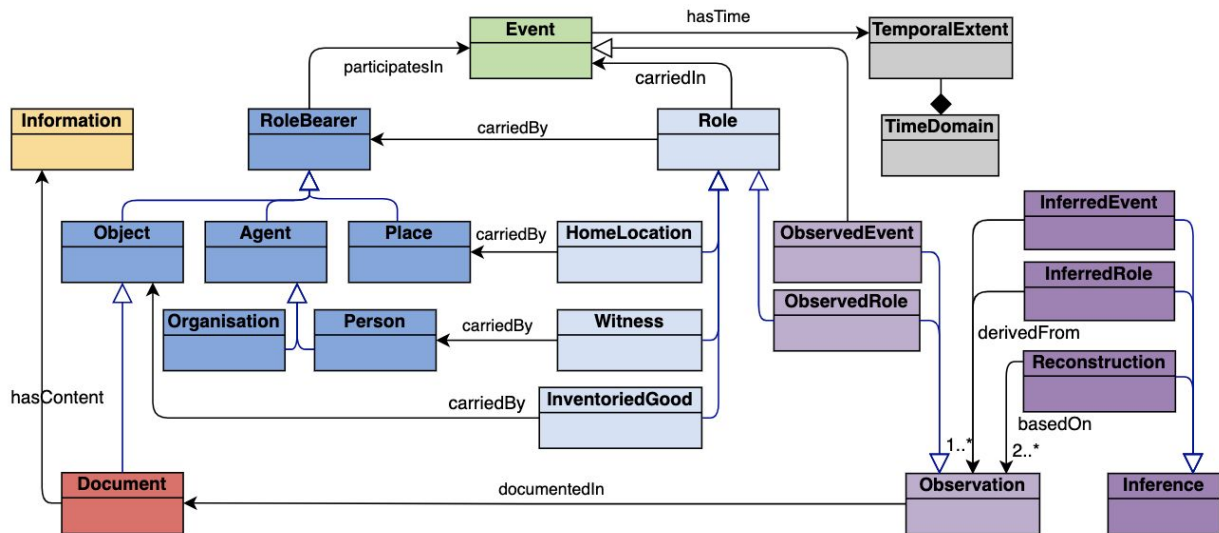
ROAR++

Information within Documents

(e.g. registries) mention entities (e.g. **RoleBearers** as persons or places) **observed** in a context (e.g. groom or address).

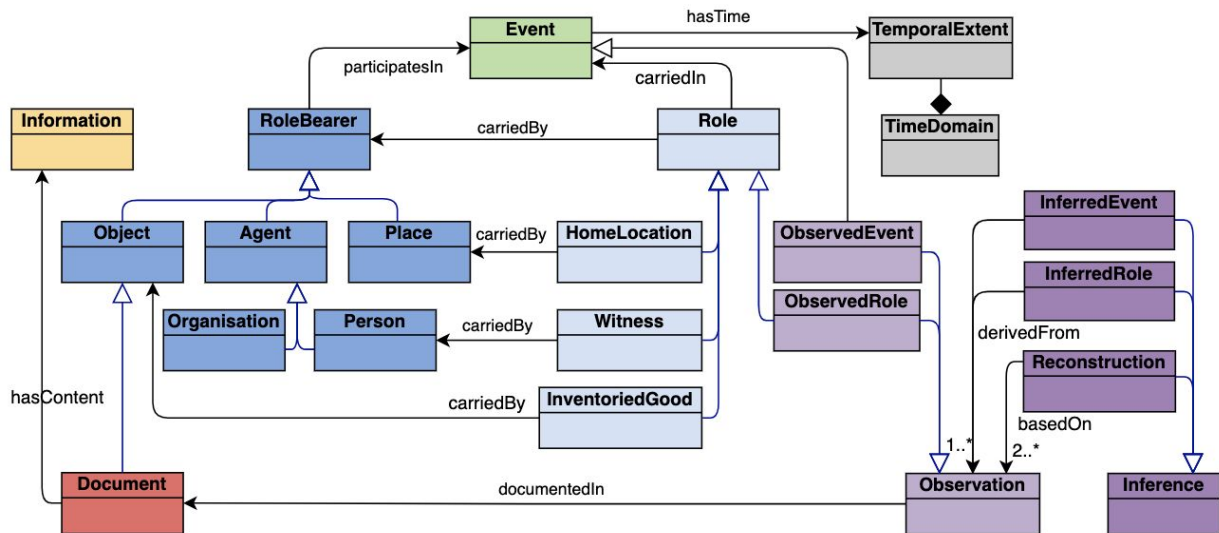
Reconstructions are entities observed in more than one **Document**.

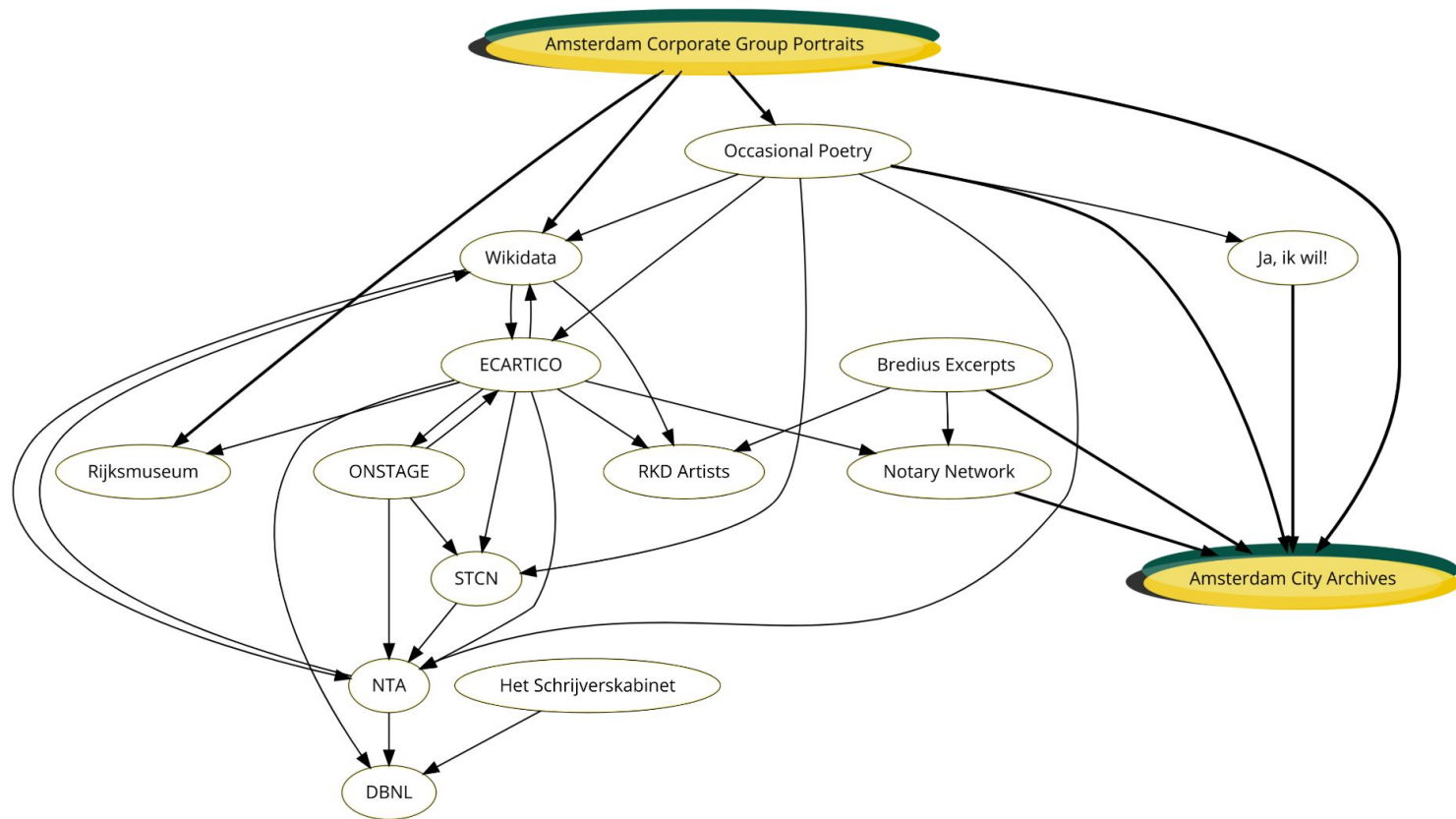
Inferences are not explicitly mentioned in a **Document**, but are derived from other **Observations**.



The **Role** class

- Storing **perdurant information**
- Allows for inclusion of information such as someone's age
- Connect to an **'individual concept'** (umbrella concept)





Dataset

City Archives of Amsterdam (SAA)

- Inventories
- Indices
- HTR



City Archives of Amsterdam (SAA)



Dataset description

Based on the inventories, indices and HTR of the Amsterdam City Archives. It features the persons that are indexed by the archive in relation to the registration event that they are mentioned in.

Dataset statistics

- 11,840,515 Persons
- 4,082,324 Records/Events
- 645,523 Locations

Links

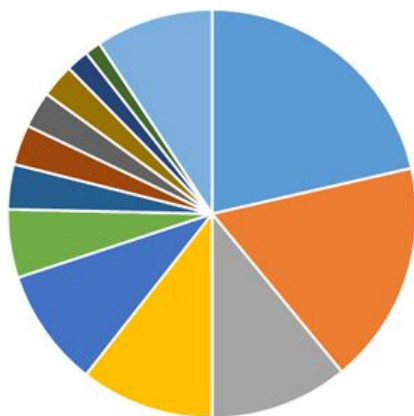
- Thesauri, Adamlink
- 225,384 person links to Ja, ik wil!
- 28,556 person links from other datasets

Creator

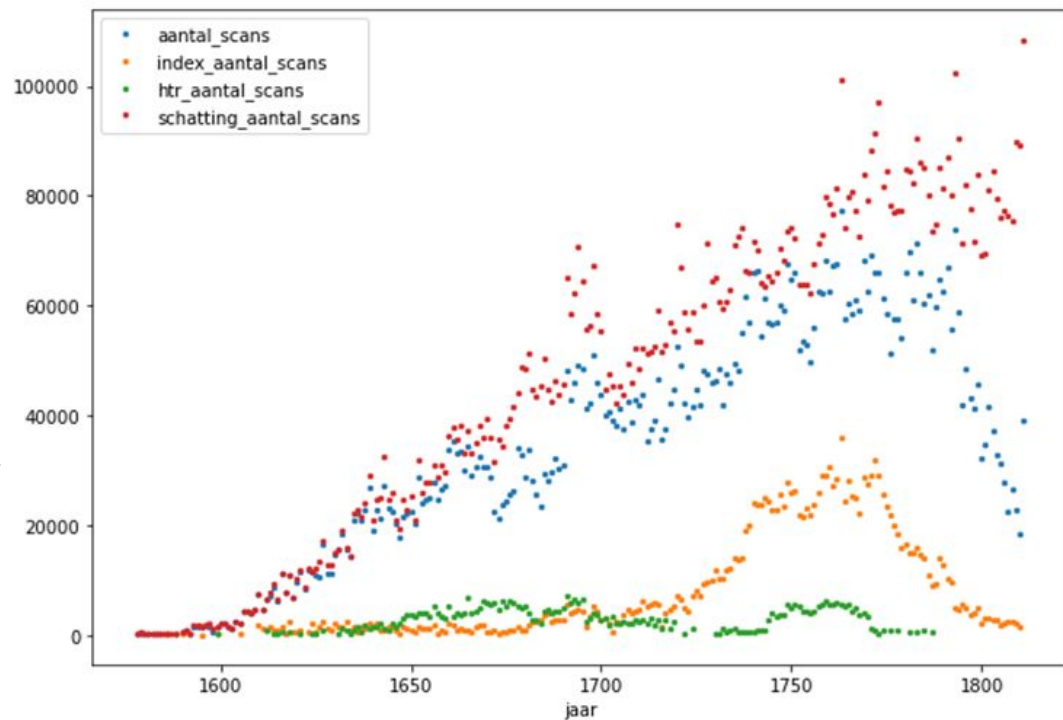
- Golden Agents project
(original data City Archives Amsterdam)

Indices:

- DTB
 - Baptism
 - Marriage
 - Burial
- Notarial (+ HTR)
- Miscellaneous

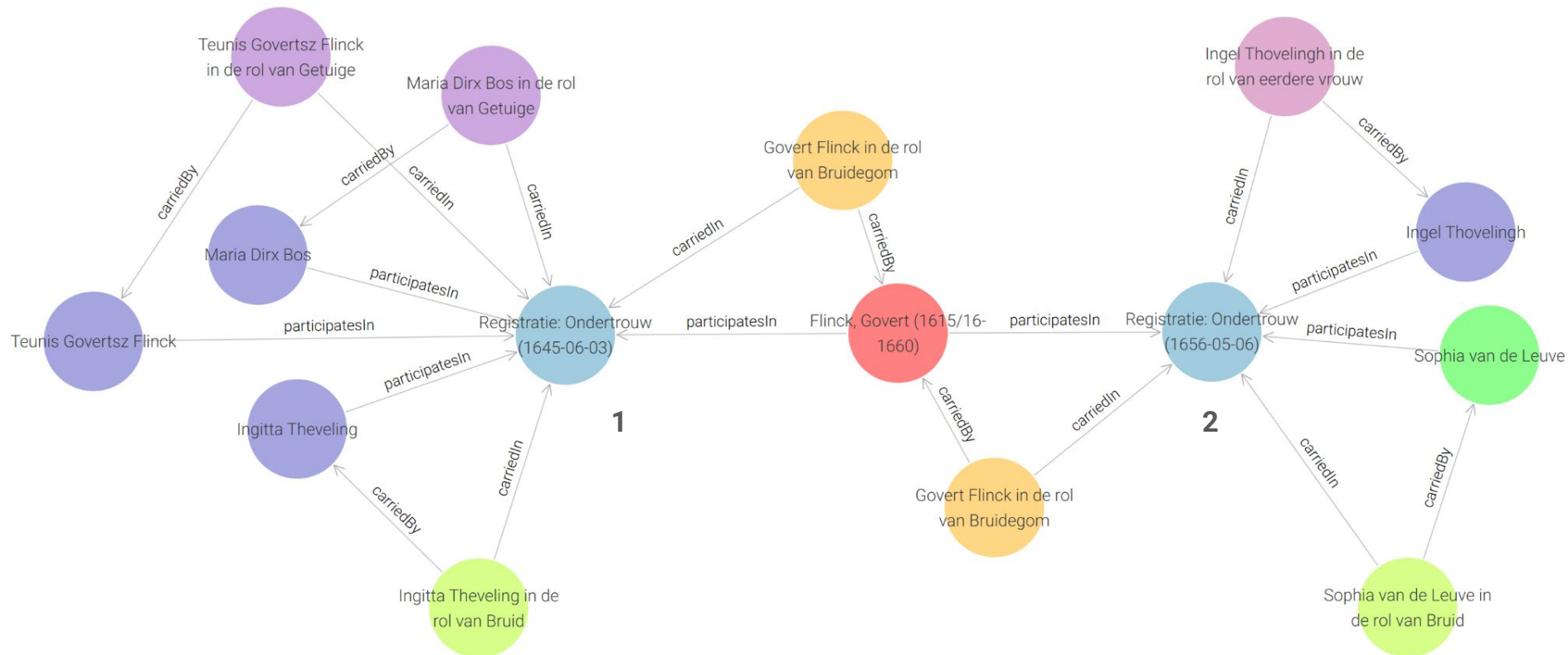


Machtiging (123799)	Wisselprotest (102009)	Testament (63210)
Transport (61129)	Attestatie (54129)	Kwitantie (31265)
Insinuatie (20604)	Scheepsverklaring (18353)	Obligatie (16704)
Bevrachtingscontract (15318)	Boedelinventaris (10424)	Huwelijkse voorwaarden (7267)
Overig (53792)		

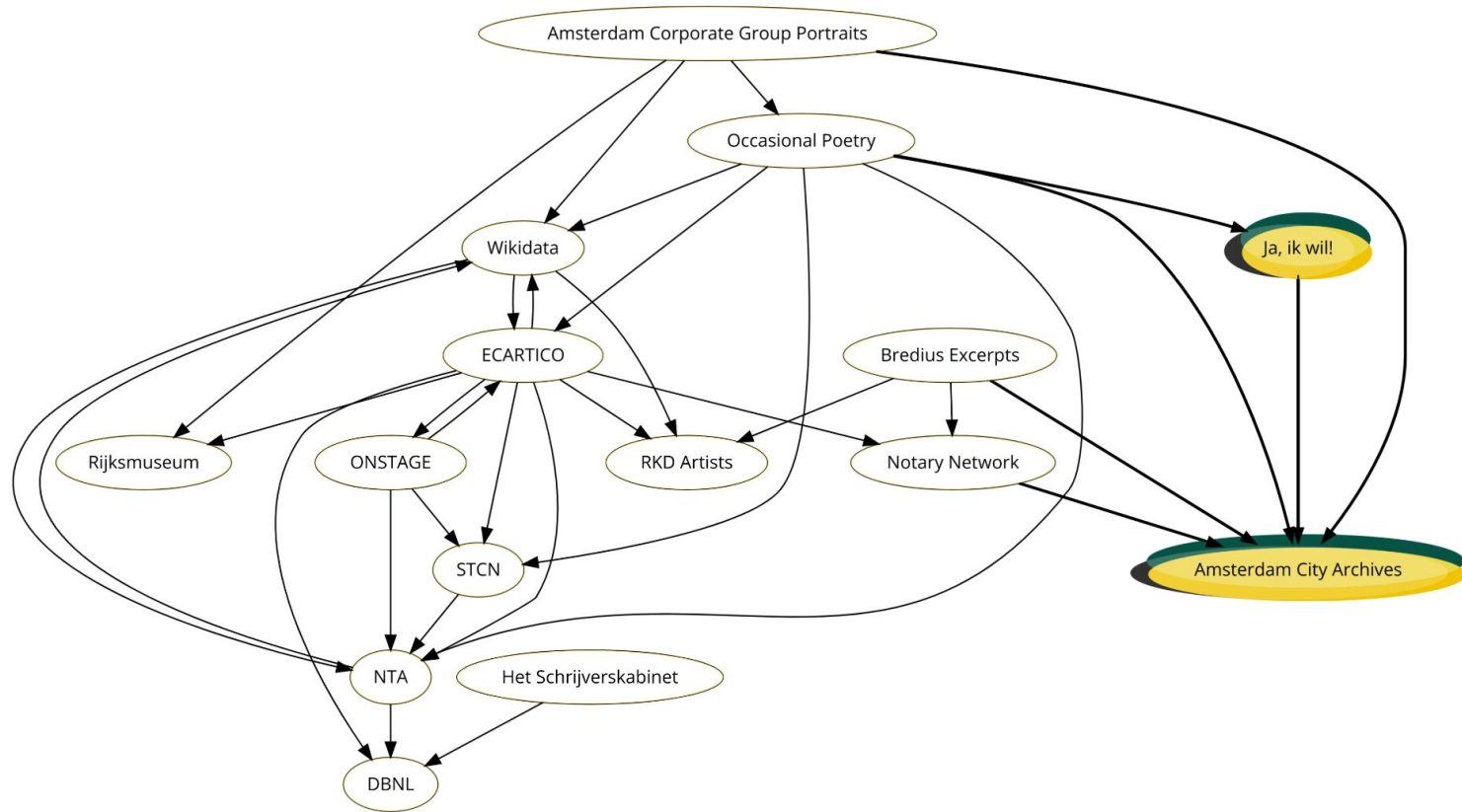




Schutters van Wijk 1 onder kapitein Joan Huydecoper en luitenant Frans van Waveren, Govert Flinck, 1648 – 1650, <http://hdl.handle.net/11259/collection.38463>



Marriages of **Govert Flinck (1615-1660)**



Dataset

Yes, I do! [=Ja, ik wil!]



Ja, ik wil!

Dataset description

Extra information for the SAA Marriage Banns on ages, occupations, residential addresses, places of origin and relations of the brides and grooms to be.

Dataset statistics

- 342,876 Persons
- 84,457 Relations
- 43,679 Occupations
- 36,1052 Locations
- 94,302 Records

Links

- [Amsterdam City Archives](#)

Creator

- Golden Agents project
(original data Tine de Moor (EUR),
René van Weeren (UU))



Govert Flinck in de rol van Bruidegom^{nl}

thes:Bruidegom

0

```

rpp:iterate
true xsd:boolean

```

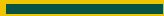
Govert Flinck in de rol van Bruidegom ^{nl}



Tool

Lenticular Lens

Al Idrissou





Lenticular Lens

Linking of datasets

- Between persons acting in notarial, DTB records, Occupational Poetry and Amsterdam corporate group portraits databases, Ja ik wil!, Wikidata, Bredius.

Selection

- (Sub)sets (selection of events, deeds)

Matching

- String similarities (ex. edit distance),
- Time deltas,
- Roles

Reduce search results afterwards to speed up validation with clustering and constraints on matching results

Person - All deeds (0.7-0.8, 2-3 persons, 1-10 years)

Links: 1,526 Source / target entities in lens: 528 / 748 Extended: Yes = 0 No = 260
Clusters: 260 Total entities in lens: 1,276 Cycles: Yes = 0 No = 260

Hide accepted 353 / 353 Show rejected 199 / 199 Show uncertain 146 / 146 Hide unchecked 0 / 749 Show disputed 66 / 79 Reset ☒ Validate selection Motivate selection

Show specification Configure property labels Filter on properties 1 Filter by cluster 0 Similarity 0 1 Visualize

Marriage between Geertruyd Hooft and Michiel Pancras (1650) • Overlijden van Geertruyd Hooft (1709)

Source URI: <https://data.goldenagents.org/datasets/corporatiestukken/person/poorters/636>

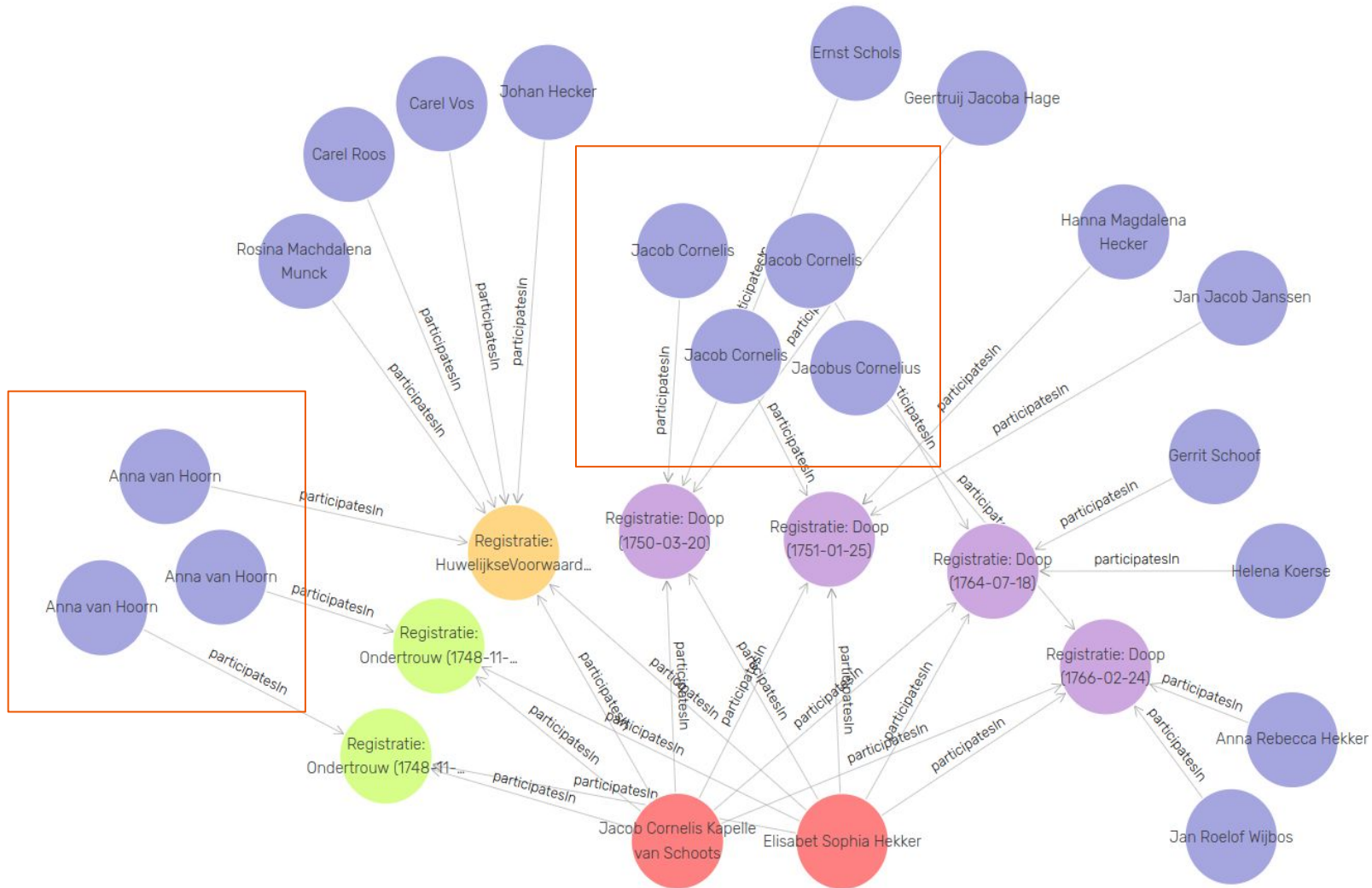
Target URI: <https://archief.amsterdam/indexen/deeds/9d6d21e3-a45a-666d-e053-b784100a1840?person=31af5b61-c535-38c1-8715-116dae02f235>

Source properties:

- pnv:literalName Jan van de Poll
- sem:hasEarliestBeginTimeStamp
1597-04-17 • 1632-01-01 • 1636-01-01 • 1637-01-01 • 1640-01-01 • 1641-01-01 • 1643-01-01 • 1645-01-01 • 1646-01-01 • 1648-01-01 • 1650-01-01 • 1653-01-01 • 1655-01-01 • 1658-01-01 • 1661-01-01 • 1663-01-01 • 1671-01-01 • 1678-01-01
- rdfs:label
Birth of Jan van de Poll (1597) • Death of Jan van de Poll (1678) • Geboorte van Jan van de Poll (1597) • Huwelijk tussen Jan van de Poll en Duijfe van Gerwen (?) • Jan van de Poll als Burgemeester bij de Stadsregering (1653-1653) • Jan van de Poll als Burgemeester bij de

Target properties:

- pnv:literalName Johan van de Poll
- sem:hasTimeStamp 1653-01-29
- rdfs:label Registratie: Boedelinventaris (1653-01-29)
- pnv:literalName
Albrecht van Maren • Duijffje van Gherwen • Geertruijd van Dharen • IJda van Gherwen • Isaak van Gherwen • Jans van Dharen • Johan van de Poll • Johan van Maren • Lijsebet Martens • Matthias van Gherwen • Niklaas van Gherwen • Pieter van Buren • Susanne Anthonis



Tool

Disembed

Jurian Baas



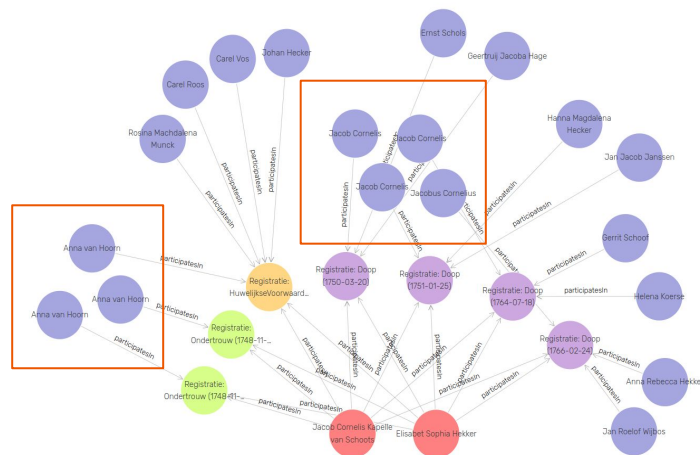
Graph Embeddings

Unsupervised method of entity disambiguation

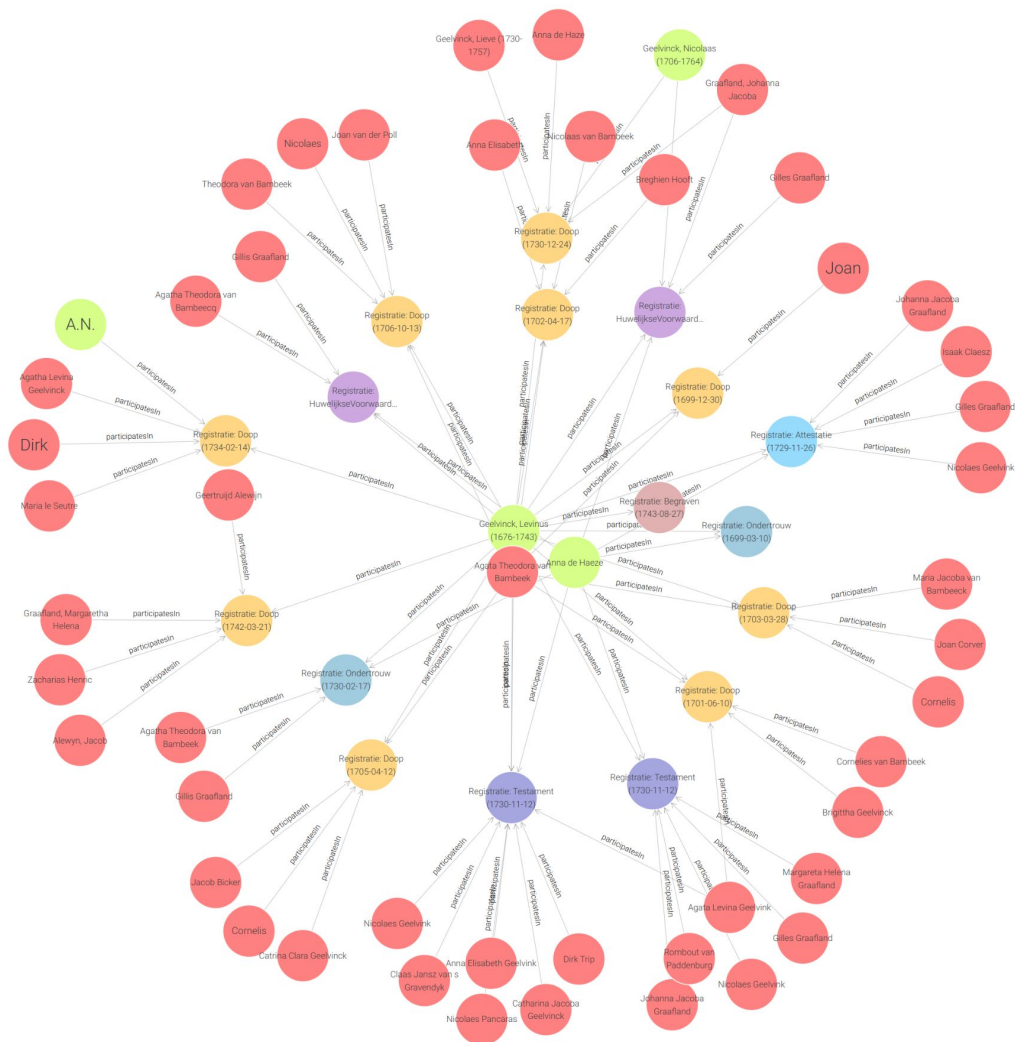
- Works on the basis of overlap on entity context in the RDF graphs
- Produces clusters of related and duplicated entities

After Lenticular Lens

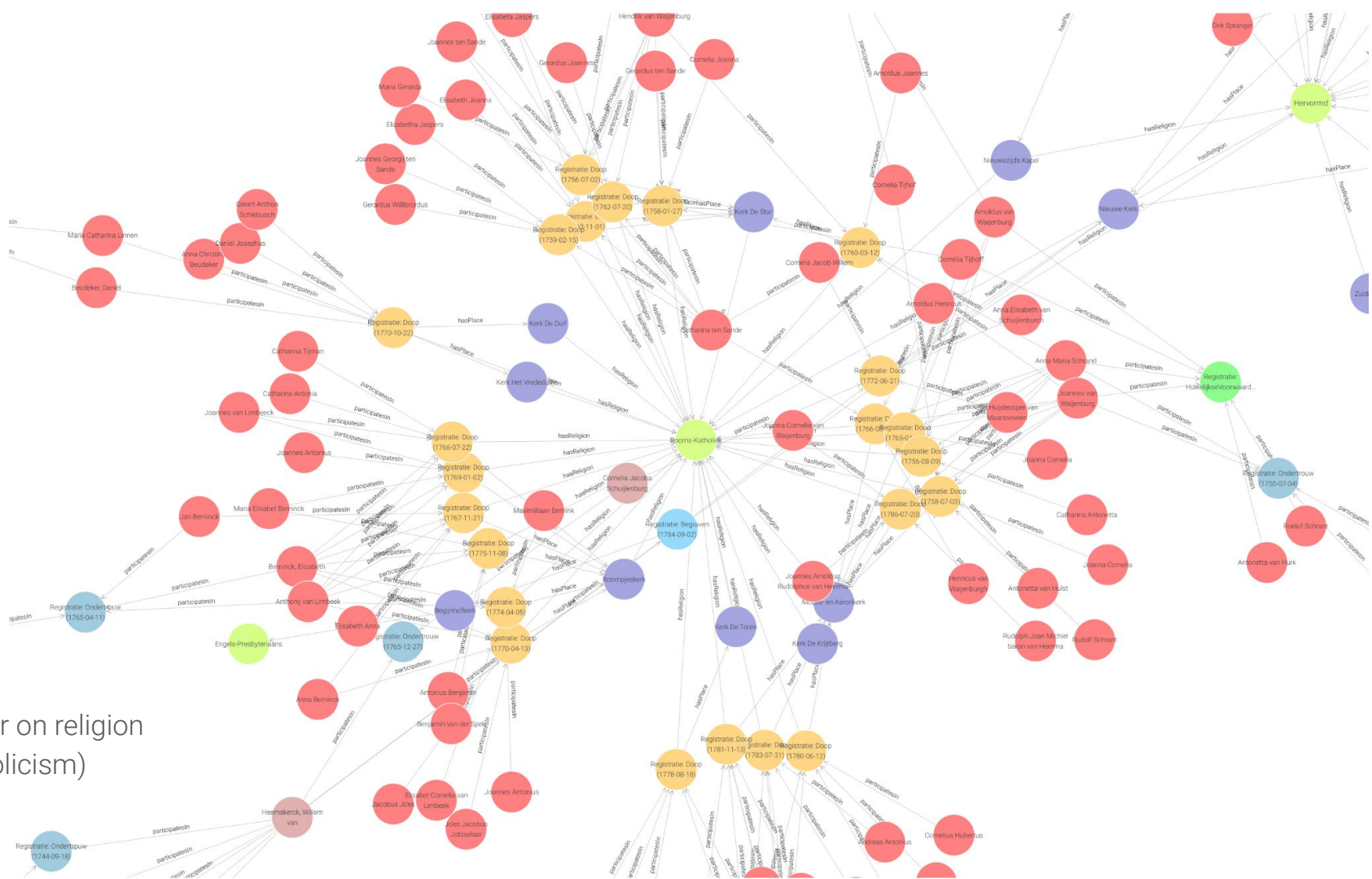
- First (manual) validation on 'core' figures
- Then automatic clustering on peripheral figures







Cluster of a single couple



Cluster on religion
(Catholicism)

Example objects in probate inventory

De contrijfthe van de overleden

De contrijfthe van de overleden

De contrijfthe van de overleden

Contact



Golden Agents

www.goldenagents.org

All members involved

<https://www.goldenagents.org/staff/>

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Leon van Wissen

l.vanwissen@uva.nl

Agent Technology for Assisted Querying of the Data

Jan de Mooij (Utrecht University)
Golden Agents 9 November 2022, Amsterdam City Archives



Challenges for Users

Knowing the query language (SPARQL)

Knowing the terminology

Knowing how everything connects



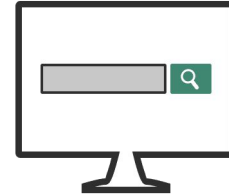
Assisting the User

One entry point for all connected data sets

One unified ontology for all connected data sets

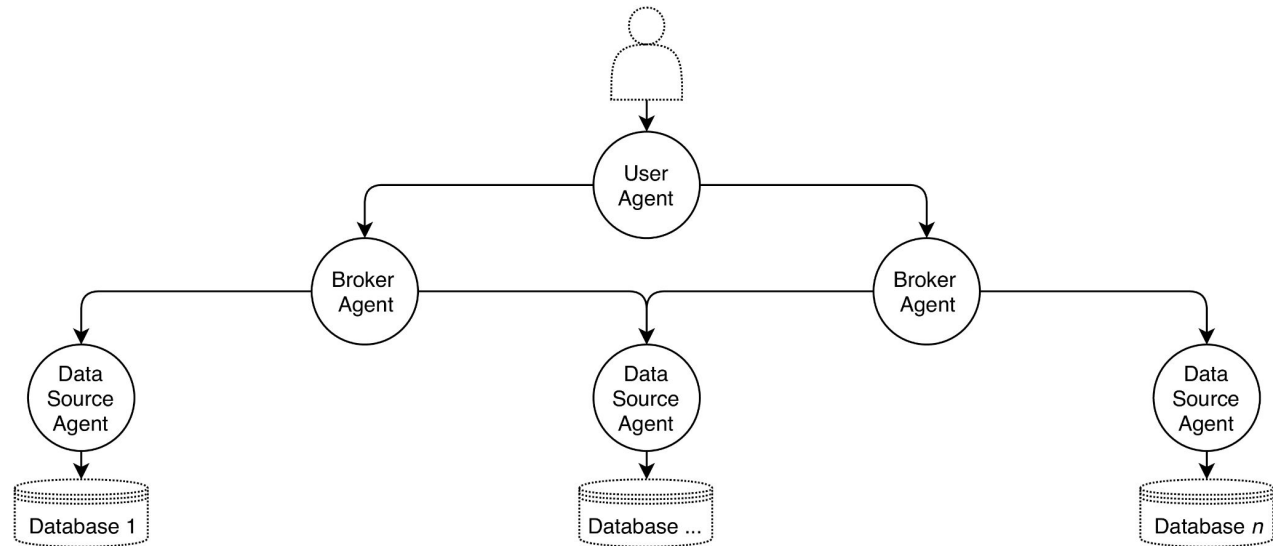
Show what is available

Assist user in formulating a (formal) query



The Multi-Agent Infrastructure

An agent is a small computer program that can autonomously work towards its goals whilst cooperating with other autonomous agents





User agents

Represents a user

“Negotiates” with broker

Provides feedback to user

Query builder

Sparql code editor

```
1 PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
2 PREFIX ga: <https://data.goldenagents.org/ontology/>
3
4 SELECT DISTINCT * WHERE {
5     ?creativeAgent rdf:type ga:CreativeAgent .
6     ?creativeAgent ga:hasName ?nameOfTheAgent
7 }
```

Run Query



Progress

Results

Datasets

- ▼ User Agent processes query
- ▼ Broker Agent receives processed query from User Agent
- ▼ Broker Agent translates query
- ▼ Broker Agent sends translated sub-queries to DB Agents
- ▼ Broker Agent collects 83128 statements from DB Agents
- ▼ Broker Agent executes original query on the collected data
- ▼ Sending back results



Data Source Agent

Represents a data source

Handles translation of queries

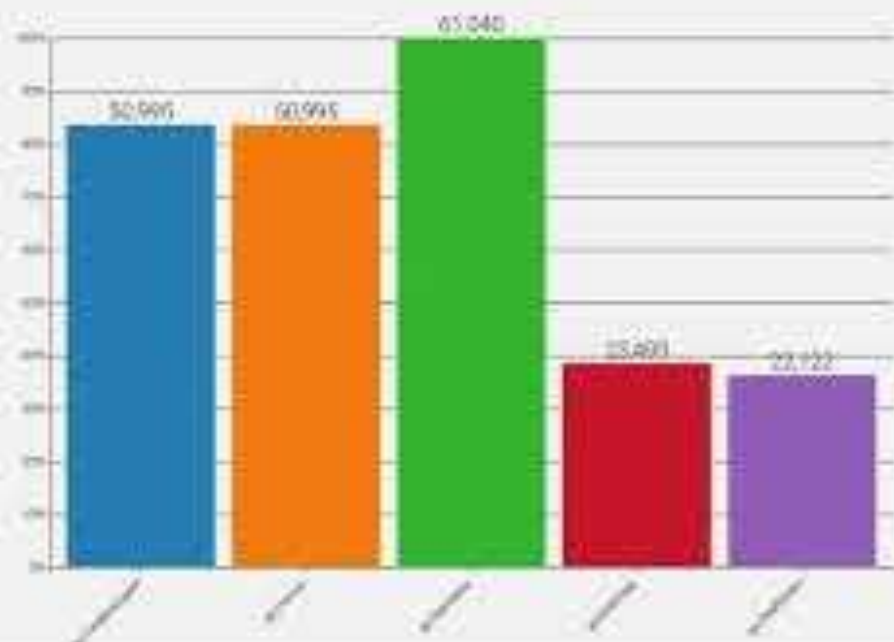
Is unaware of other agents

Can be implemented by data owner to protect parts of the data while still exposing other parts

Classes



Properties



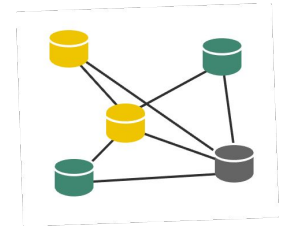
Broker Agent

Analyses and splits query

Selects capable data source agents

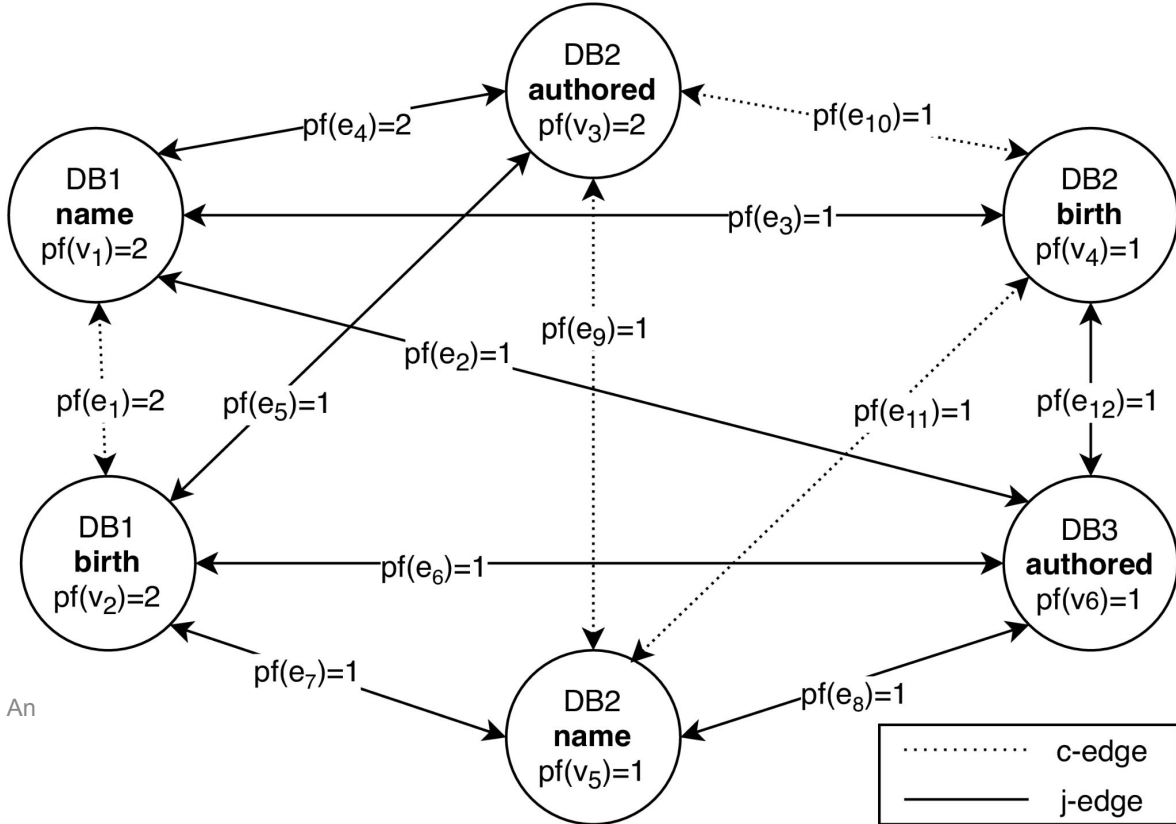
Combines results

Is aware of connections between data sources



Expertise Graph

By Can Kurtan



Kurtan Can, Yolum Pinar, and Dastani Mehdi. 2020. An ideal team is more than a team of ideal agents. In *Proceedings of the 24th European Conference on Artificial Intelligence (ECAI'20)*. 43–50.

Quarry facilities : [Quarry facility website](#)

22

```

1 SELECT get('http://data.gutenberg.org/cache/epub/1/1/pg1.html')
2
3 SELECT DISTINCT * FROM (
4
5     WITH (get('http://data.gutenberg.org/cache/epub/1/1/pg1.html')) AS gettable,
6     (SELECT * FROM gettable) AS gettable2,
7     (SELECT * FROM gettable2) AS gettable3,
8     (SELECT * FROM gettable3) AS gettable4,
9     (SELECT * FROM gettable4) AS gettable5,
10    (SELECT * FROM gettable5) AS gettable6,
11    (SELECT * FROM gettable6) AS gettable7,
12    (SELECT * FROM gettable7) AS gettable8,
13    (SELECT * FROM gettable8) AS gettable9,
14    (SELECT * FROM gettable9) AS gettable10,
15    (SELECT * FROM gettable10) AS gettable11,
16    (SELECT * FROM gettable11) AS gettable12,
17    (SELECT * FROM gettable12) AS gettable13,
18    (SELECT * FROM gettable13) AS gettable14,
19    (SELECT * FROM gettable14) AS gettable15,
20    (SELECT * FROM gettable15) AS gettable16,
21    (SELECT * FROM gettable16) AS gettable17,
22    (SELECT * FROM gettable17) AS gettable18,
23    (SELECT * FROM gettable18) AS gettable19,
24    (SELECT * FROM gettable19) AS gettable20,
25    (SELECT * FROM gettable20) AS gettable21,
26    (SELECT * FROM gettable21) AS gettable22,
27    (SELECT * FROM gettable22) AS gettable23,
28    (SELECT * FROM gettable23) AS gettable24,
29    (SELECT * FROM gettable24) AS gettable25,
30    (SELECT * FROM gettable25) AS gettable26,
31    (SELECT * FROM gettable26) AS gettable27,
32    (SELECT * FROM gettable27) AS gettable28,
33    (SELECT * FROM gettable28) AS gettable29,
34    (SELECT * FROM gettable29) AS gettable30,
35    (SELECT * FROM gettable30) AS gettable31,
36    (SELECT * FROM gettable31) AS gettable32,
37    (SELECT * FROM gettable32) AS gettable33,
38    (SELECT * FROM gettable33) AS gettable34,
39    (SELECT * FROM gettable34) AS gettable35,
40    (SELECT * FROM gettable35) AS gettable36,
41    (SELECT * FROM gettable36) AS gettable37,
42    (SELECT * FROM gettable37) AS gettable38,
43    (SELECT * FROM gettable38) AS gettable39,
44    (SELECT * FROM gettable39) AS gettable40,
45    (SELECT * FROM gettable40) AS gettable41,
46    (SELECT * FROM gettable41) AS gettable42,
47    (SELECT * FROM gettable42) AS gettable43,
48    (SELECT * FROM gettable43) AS gettable44,
49    (SELECT * FROM gettable44) AS gettable45,
50    (SELECT * FROM gettable45) AS gettable46,
51    (SELECT * FROM gettable46) AS gettable47,
52    (SELECT * FROM gettable47) AS gettable48,
53    (SELECT * FROM gettable48) AS gettable49,
54    (SELECT * FROM gettable49) AS gettable50,
55    (SELECT * FROM gettable50) AS gettable51,
56    (SELECT * FROM gettable51) AS gettable52,
57    (SELECT * FROM gettable52) AS gettable53,
58    (SELECT * FROM gettable53) AS gettable54,
59    (SELECT * FROM gettable54) AS gettable55,
60    (SELECT * FROM gettable55) AS gettable56,
61    (SELECT * FROM gettable56) AS gettable57,
62    (SELECT * FROM gettable57) AS gettable58,
63    (SELECT * FROM gettable58) AS gettable59,
64    (SELECT * FROM gettable59) AS gettable60,
65    (SELECT * FROM gettable60) AS gettable61,
66    (SELECT * FROM gettable61) AS gettable62,
67    (SELECT * FROM gettable62) AS gettable63,
68    (SELECT * FROM gettable63) AS gettable64,
69    (SELECT * FROM gettable64) AS gettable65,
70    (SELECT * FROM gettable65) AS gettable66,
71    (SELECT * FROM gettable66) AS gettable67,
72    (SELECT * FROM gettable67) AS gettable68,
73    (SELECT * FROM gettable68) AS gettable69,
74    (SELECT * FROM gettable69) AS gettable70,
75    (SELECT * FROM gettable70) AS gettable71,
76    (SELECT * FROM gettable71) AS gettable72,
77    (SELECT * FROM gettable72) AS gettable73,
78    (SELECT * FROM gettable73) AS gettable74,
79    (SELECT * FROM gettable74) AS gettable75,
80    (SELECT * FROM gettable75) AS gettable76,
81    (SELECT * FROM gettable76) AS gettable77,
82    (SELECT * FROM gettable77) AS gettable78,
83    (SELECT * FROM gettable78) AS gettable79,
84    (SELECT * FROM gettable79) AS gettable80,
85    (SELECT * FROM gettable80) AS gettable81,
86    (SELECT * FROM gettable81) AS gettable82,
87    (SELECT * FROM gettable82) AS gettable83,
88    (SELECT * FROM gettable83) AS gettable84,
89    (SELECT * FROM gettable84) AS gettable85,
90    (SELECT * FROM gettable85) AS gettable86,
91    (SELECT * FROM gettable86) AS gettable87,
92    (SELECT * FROM gettable87) AS gettable88,
93    (SELECT * FROM gettable88) AS gettable89,
94    (SELECT * FROM gettable89) AS gettable90,
95    (SELECT * FROM gettable90) AS gettable91,
96    (SELECT * FROM gettable91) AS gettable92,
97    (SELECT * FROM gettable92) AS gettable93,
98    (SELECT * FROM gettable93) AS gettable94,
99    (SELECT * FROM gettable94) AS gettable95,
100   (SELECT * FROM gettable95) AS gettable96,
101   (SELECT * FROM gettable96) AS gettable97,
102   (SELECT * FROM gettable97) AS gettable98,
103   (SELECT * FROM gettable98) AS gettable99,
104   (SELECT * FROM gettable99) AS gettable100,
105   (SELECT * FROM gettable100) AS gettable101,
106   (SELECT * FROM gettable101) AS gettable102,
107   (SELECT * FROM gettable102) AS gettable103,
108   (SELECT * FROM gettable103) AS gettable104,
109   (SELECT * FROM gettable104) AS gettable105,
110   (SELECT * FROM gettable105) AS gettable106,
111   (SELECT * FROM gettable106) AS gettable107,
112   (SELECT * FROM gettable107) AS gettable108,
113   (SELECT * FROM gettable108) AS gettable109,
114   (SELECT * FROM gettable109) AS gettable110,
115   (SELECT * FROM gettable110) AS gettable111,
116   (SELECT * FROM gettable111) AS gettable112,
117   (SELECT * FROM gettable112) AS gettable113,
118   (SELECT * FROM gettable113) AS gettable114,
119   (SELECT * FROM gettable114) AS gettable115,
120   (SELECT * FROM gettable115) AS gettable116,
121   (SELECT * FROM gettable116) AS gettable117,
122   (SELECT * FROM gettable117) AS gettable118,
123   (SELECT * FROM gettable118) AS gettable119,
124   (SELECT * FROM gettable119) AS gettable120,
125   (SELECT * FROM gettable120) AS gettable121,
126   (SELECT * FROM gettable121) AS gettable122,
127   (SELECT * FROM gettable122) AS gettable123,
128   (SELECT * FROM gettable123) AS gettable124,
129   (SELECT * FROM gettable124) AS gettable125,
130   (SELECT * FROM gettable125) AS gettable126,
131   (SELECT * FROM gettable126) AS gettable127,
132   (SELECT * FROM gettable127) AS gettable128,
133   (SELECT * FROM gettable128) AS gettable129,
134   (SELECT * FROM gettable129) AS gettable130,
135   (SELECT * FROM gettable130) AS gettable131,
136   (SELECT * FROM gettable131) AS gettable132,
1
```

Keywords: *Self-esteem, self-esteem threat, self-esteem threat sensitivity, self-esteem threat sensitivity scale, self-esteem threat sensitivity scale-2*

[illegible]

11/11/2010

Source: *Journal of the American Statistical Association*, 1997, 92, 1031-1042.

1234

129

doi:10.1017/S0022292412001611

© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 101–109

doi:10.1017/S0007122614000091



Query Builder

Existing query builders:

- Work only on a single data set
- Assume highly organized data
- Assume a narrow domain

Help a user to build step-by-step a query across **multiple data sources** while **preventing empty results** and allowing users to **go back and change** whenever the need

Every time the query is updated, the next possible query extensions are **calculated from the data**

and that has a hrefName

Connect to MongoDB

Project

Results

Database

Search

CSV

JSON

Showing 1 to 10 of 22,568 entries

Order: 10

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 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Contact



Golden Agents

www.goldenagents.org

All members involved

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golden
agents

Launch website Golden Agents

*Bas Doppen (KNAW-Humanities Cluster - Digital Infrastructure)
Golden Agents Conference 9 November 2022, Amsterdam City Archives*

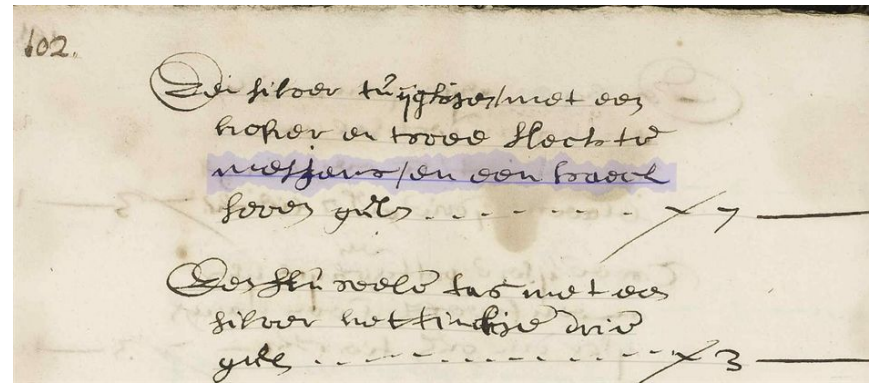
Deliverables and Desiderata

*Charles van den Heuvel (Huygens Institute/UvA) & Els Stronks (Utrecht University)
Golden Agents Conference 9 November 2022, Amsterdam City Archives*

Notarial Deeds in City Archives still growing

Statistics

- 682.907 deeds (1.979.239 scans) checked and indexed
- 597.506 scans of notarial deeds HTR (end '22/begin '23: 900.000 scans)
- HTR - Models for 35 notaries in total ca. 100 models





Delivered Tools/Software and further developments in CLARIAH

Tools

- Lenticular Lens
- Disembed: Software for Entity Linking through Graph Embeddings
- Analiticcl
- Multi-agents query building system

Development

- Open source Data Stories

Other

- A link is made between Geo-Plugin for Golden Agents and the World Historical Gazetteer for the Dutch Global History collection
- Geo-plugin for Recogito allows for annotation of data, texts or scans as long the selection on the map can be addressed by an URL.
- Within CLARIAH a backend is in development to store and update these annotations (AnnoRepo)

Bredius - ongoing research into objects

REMBRANDT-ONTDEKKING

Omstreden schets toch van Rembrandt

Een olieverfschets uit het Haagse Museum Bredius blijkt na onderzoek en schoonmaakbeurt toch van Rembrandt.

Door onze redacteur
Arjen Ribbens

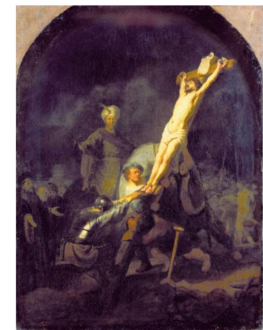
AMSTERDAM. Eerst een Rembrandt, toen een halve eeuw een „grove imitatie“ van de grote meester, en vanaf nu weer een echte Rembrandt. Zij het voorlopig wel een met raadselen omgeven Rembrandt.

Dat is in het kort het verhaal van *De oprichting van Jezus aan het kruis*, een kleine olieverfschets in bruinint in de collectie van Museum Bredius. Dit is een Haags museum met de collectie zeventiende-eeuwse schilderkunst die kunstkenner Abraham Bredius (1855-1946) aan de gemeente naliet. Bredius, een grote verzamelaar die twintig jaar directeur van het Mauritshuis was, kocht het schilderijtje op paneel in 1921 als een Rembrandt. Hij nam het op in zijn in 1935 verschenen oevercatalogus van Rembrandt. Een voormalige assistent van Bredius, de Duits-Nederlandse kunsthistoricus Horst Gerson, publiceerde in 1968 een nieuwe catalogus *raisonné* waarin hij de schets afschreef als een „grove imitatie“. Andere kunsthistorici deelden die mening. Ook het Rembrandt Research Project zag geen aanleiding om Gerson te corrigeren.

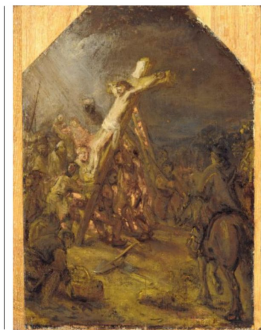
Schoonmaakbeurt

Jeroen Giltaij, voormalig hoofdconservator schilder- en beeldhouwkunst bij Museum Boijmans Van Beuningen, denkt er anders over. En hij wordt in zijn opvatting gesteund door de Rembrandt-kenners bij het Rijksmuseum Amsterdam. De olieverfschets in de collectie van Museum Bredius is een heuse Rembrandt. Dat heeft Giltaij donderdagmiddag uittegenset bij een boekpresentatie in Den Haag.

Voor *Het Grote Rembrandt* Boek bekeek Giltaij alle 684 schilderijen die in acht verschillende oevercatalogi aan de Leidse schilder zijn toege-



Links: de versie van *De oprichting van Jezus aan het kruis* die Rembrandt rond 1633 schilderde. Rechts: de olieverfschets op paneel van *De oprichting van Jezus aan het kruis* die Rembrandt rond 1645 gemaakt moet hebben.



FOTO'S: ALTE PANATHOTHEC, MUSEUM BREDIUS

schreven. Al snel rees bij Giltaij het vermoeden dat de olieverfschets een Rembrandt was. Na een schoonmaakbeurt en wetenschappelijk onderzoek door restauratoren van het Rijksmuseum Amsterdam kreeg Giltaij de bevestiging: de schets is van de hand van de grote meester.

Er is wel iets vreemds aan de her-toeschrijving. In de collectie van de Alte Pinakothek in München bevindt zich een schilderij van Rembrandt met vrijwel dezelfde voorstelling. Dit is een groter formaat, dateert uit 1633.

Uit dendrochronologisch onderzoek van het paneel van de olieverfschets blijkt dat deze plank uit 1634 stamt en dat het gebruikt kon worden tussen 1642 en 1645. Tien jaar later dan het doek in München.

Meer onderzoek

Giltaij: „De schets is dus geen voor-studie voor het doek. Maar wat dan wel? Een studie voor een ets die hij niet heeft gemaakt? Of een verbeterde compositie van een eerder ge-maakt schilderij? Het vraagt meer on-derzoek om daar een goede verklar-

ing voor te kunnen geven.“

Het handschrift van de olieverfschets is in elk geval vintage Rembrandt, zegt Giltaij. „Door de vele overschilderingen en oude vernislagen was het lastig om het handschrift van Rembrandt goed te beoordelen. Toen we alle re-touches vervingden en alleen de oorspronkelijke zeventiende-eeuwse verf konden bestuderen, konden we goed vergelijkingen maken met zijn andere werk. Ook op deze schets zie je hoe hij met enkele verboten ge-kenmerken dramatische licht-don-ker effecten weet te bereiken.“

In het verleden is beweerd dat de schets een kopie naar Rembrandt zou zijn. Dat kan volgens Giltaij uitgesloten worden omdat de compositie te veel verschilt. Met de ruit te paard, rechts op de voorgrond van de schets, heeft Rembrandt bovendien een element uit eigen werk hergebruikt. Vrijwel dezelfde ruit komt voor op een ets van zijn hand van omstreeks 1629.

De olieverfschets is tot 15 januari te zien op een aan het onderzoek ge-wijde presentatie in Museum Bre-dius.

Den Haag Centraal, 3
november 2022,
[https://www.denhaagc
entraal.net/kunst/beeld
ende-kunst/bredius-had
-toch-gelijk-een-rembra
ndt/](https://www.denhaagcentraal.net/kunst/beeldende-kunst/bredius-had-toch-gelijk-een-rembrandt/)



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Eten & Drinken

Over DHC

Nieuw College 2022

SPECIAL

Partnerbij



Foto: Rembrandt, 'De oprichting van Jezus aan het kruis'. (Collectie Museum Bredius)

Bredius had toch gelijk: een Rembrandt!

De laatste experts hebben het laatste woord. En dus heeft Museum Bredius met 'De oprichting van Jezus aan het kruis' een echte Rembrandt in huis.

NRC, 4 november 2022,

[https://www.nrc.nl/nieuws/2022/11/03/met-raadselen-omgeven-olieverfschets-
blijkt-toch-van-rembrandt-a4147156](https://www.nrc.nl/nieuws/2022/11/03/met-raadselen-omgeven-olieverfschets-blijkt-toch-van-rembrandt-a4147156)



Further developments in historical cultural studies

Focus on:

- **Persons**
 - The most 'datafied entity' in our source materials
- **Networks of persons**
 - Our entry into patterns of production, distribution and consumption
- **Clustering**
 - Of their part in production, distribution and consumption
- **Infrastructure**
 - Need for a national **register** of historical persons!

Potential Future Research Themes



Amsterdam Corporate Group Portraits

Dataset based on the dissertation of Norbert Middelkoop: 'Schutters, gildebroeders, regenten en regentessen: Het Amsterdamse corporatiestuk 1525-1850' (2019).

Raad (575)

Regentes (402)

Thesaurier Extraordinaris (14)

oa_Annotation (5885)

Boekhouder 200Ste Penning (1)

Kolonel Generaal (1)

ga_RoleType (56)

Substituut-Schout Extraordinaris (1)

Kapitein (1214)

bio_Death (6014)

Schepen (892)

Rekenmeester (17)

schema_Dataset (6)

pnv_PersonName (7166)

schema_DataDownload (5)

ga_Born (6014)

Weesmeester (32)

Commissaris (526)

bio_Marriage (1168)

Provoost (12)

Commissaris Wisselbank (11)

Kapitein Luitenant (9)

de Ter Staten Generaal (2)

ga_Person (6822)

Assurantiemeester (8)

ga_CreativeArtifact (232)

Raad Ordinaris (1)

meester (980)

Gecommitteerde Raad (4)

Kolonel (82)

Secretaris (144)

Sergeant (83)

bio_Birth (6014)

Raad Ter Admiraliteit (1)

Oppercommissaris Der Walen (7)

Commissaris Huwelijkse Zaken (53)

Onderschout (2)

Hoofdschout (10)

Doelen (135)

Overman Wijnkopersgilde (7)

Raad Ter Admiraliteit In 'T Noorderkwartier (1)

The Power of the Anecdotal

Danielle van den Heuvel (UvA)

Keynote Golden Agents in the Data for History Lecture Series

Golden Agents Conference 9 November 2022, Amsterdam City Archives