

# Interacting with the Web of Data

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Aberdeen, 6 May 2009



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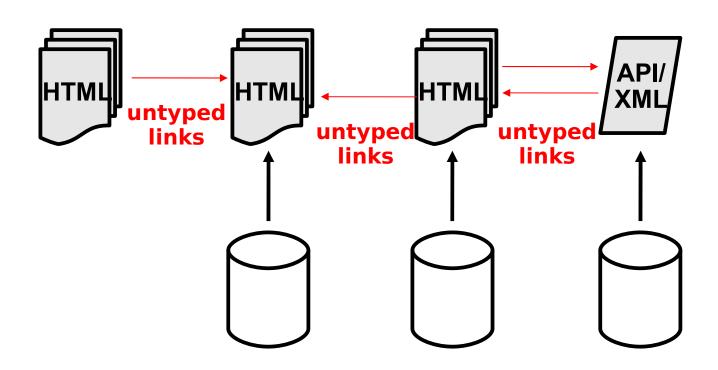
- From Web of Documents to Web of Data
- Thing-centric not Document-centric
- A Task-oriented Foundation for Semantic Web Applications



# From Web of Documents to Web of Data



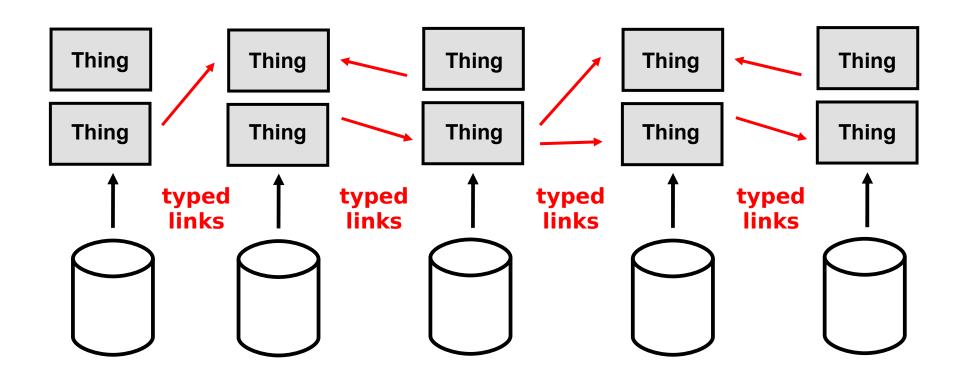
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# The Web of Linked Data

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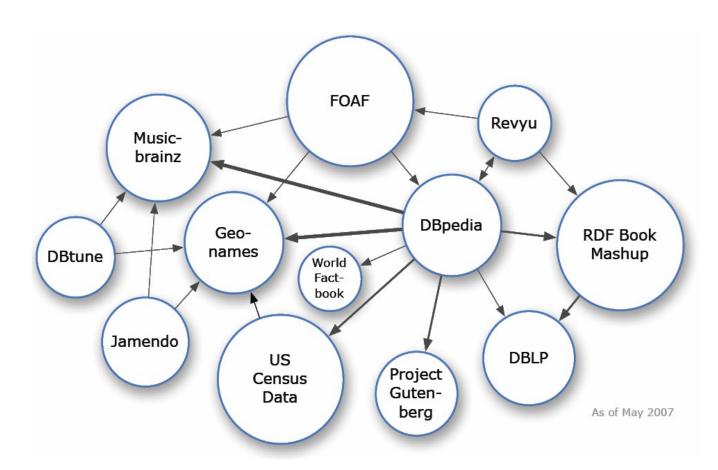
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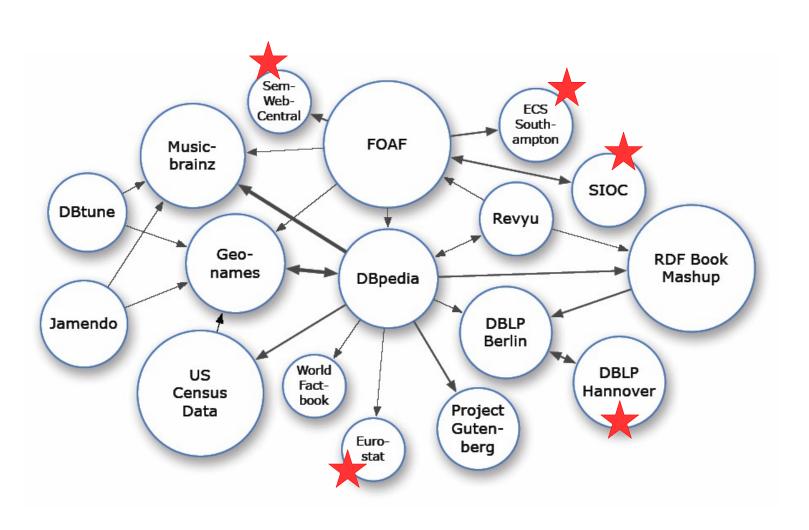


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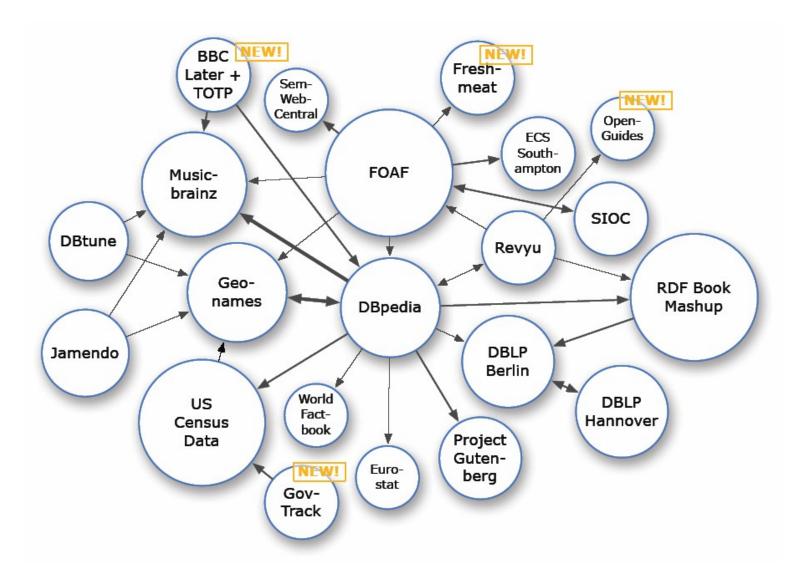


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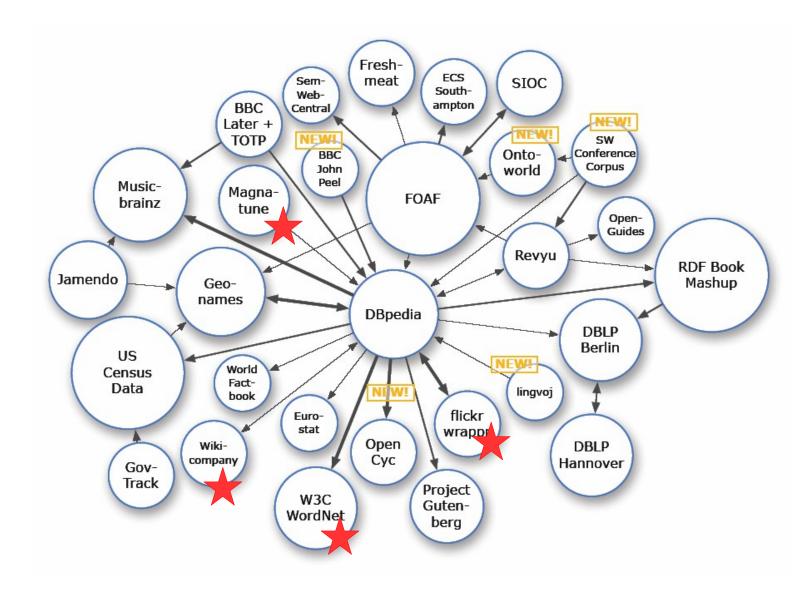


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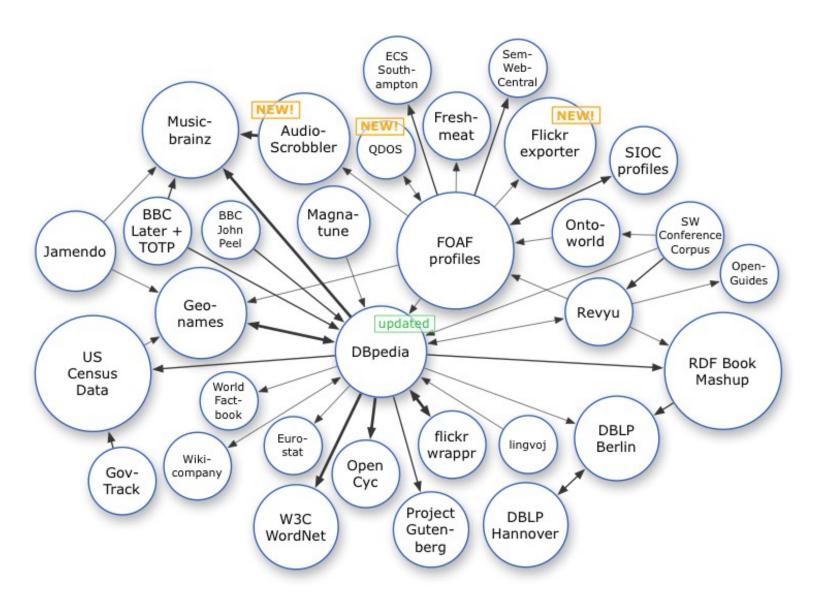


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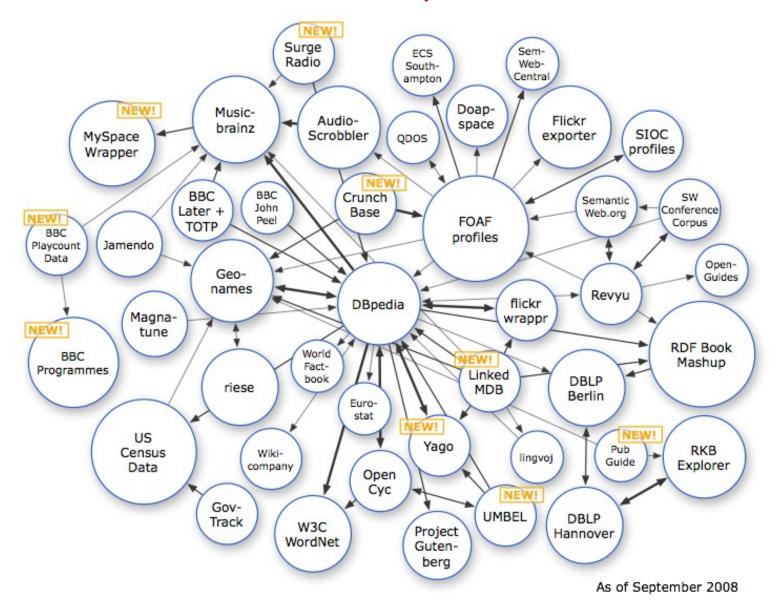


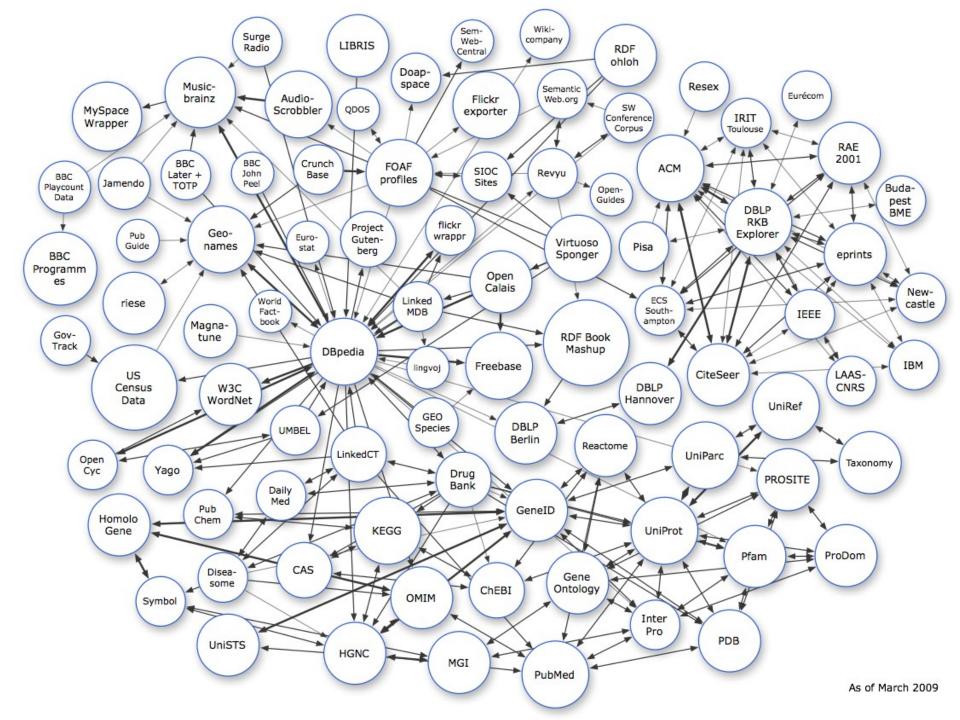
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# Thing-centric not Document-centric



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# **Brandenburg Gate**

From Wikipedia, the free encyclopedia

The **Brandenburg Gate** (German: *Brandenburger Tor*) is a former city gate and one of the main symbols of Berlin and Germany. It is located west of the city center at the intersection of Unter den Linden and Ebertstraße, immediately west of the Pariser Platz. It is the only remaining gate of a series through which one formerly entered Berlin. One block to its north lies the Reichstag. The gate is the monumental entry to Unter den Linden, the renowned boulevard of linden trees which formerly led directly to the city palace of the Prussian monarchs. It was commissioned by King Frederick William II of Prussia as a sign of peace and built by Carl Gotthard Langhans from 1788 to 1791. Today, it is considered one of Europe's most famous landmarks.



Coordinates: 6 52°30'58.58"N, 13°22'39.80"E

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Design and history



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The Brandenburg Gate consists of twelve Doric columns, six to each side, forming five passageways. Citizens originally were allowed to use only the outermost two. On top of the gate is the Quadriga, the chariot drawn by four horses driven by Victoria, the Roman goddess of victory. As in 1793, when it was originally installed, the Quadriga faces east.

The Gate's design is based upon the Propylaea, the gateway to the Acropolis in Athens, Greece and is consistent with Berlin's history of architectural classicism (first, Baroque, and then neo-Palladian). The Gate was the first "Athens on the River Spree" by architect Karl Gotthard von Langhans. The capital Quadriga was sculpted by Johann Gottfried Schadow.



The Brandenburg Gate's design has remained essentially unchanged since its completion even as it has played different political roles in German history. After the 1806 Prussian defeat at the Battle of Jena-Auerstedt, Napoleon took the Quadriga to Paris. After Napoleon's defeat in 1814 and the Prussian occupation of Paris by General Ernst von Pfuel, the Quadriga was restored to Berlin and Viktoria's wreath of oak leaves was supplemented with a new symbol of Prussian power, the Iron Cross.

When the Nazis ascended to power they used the Gate as their symbol. The Gate survived World War II and was one of the few structures standing in the Pariser Platz ruins in 1945 (another being the Academy of Fine Arts). Following Germany's surrender and the end of the second world war, the governments of East Berlin and West Berlin restored it in a joint effort. Vehicles and pedestrians could again travel freely through the gate, until August 1961 when the Berlin Wall was erected. The wall and its fortified death strip ran just west of the gate,

## The Brandenburg Gate

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## The Brandenburg Gate

Unter den Linden/Strasse des 17 Juni

The Brandenburg Gate was commisioned by Friedrich Wilhelm II to represent peace. The Gate was designed by Karl Gotthard Langhans, the Court Superintendent of Buildings, and the main architectural design of this landmark hasn't changed since it was first constructed in 1791. Ironically the gate was incorporated into the Berlin wall during the years of Communist government. The Brandenburg gate is probably the most well-known



landmark in Berlin, it now stands as a symbol of the reunification of the two sides of this great city.

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Monuments in Berlin

### Brandenburger Tor



Brandenburger Tor (Brandenburg Gate), Pariser Platz (Paris Square), Mitte: 1788-91 by Carl Gotthard Langhans, sculptures by Johann Gottfried Schadow

The Brandenburg Gate is the trademark of Berlin. The main entrance to the city. surrounded by the wall for thirty years, was known throughout the world as a symbol for the division of the city and for the division of the world into two power blocs. Today's international visitors to Pariser Platz come to re-experience this first gateway to the city, and to enjoy the long-denied freedom to walk through this magnificent work of art and look at it up close.

It was built as the grandest of a series of city gates constituting the passages through the customs wall encircling the city at the end of the eighteenth century. It is the only gate which survived, because it constitutes the monumental termination of Unter den Linden, the renowned boulevard of linden trees which led directly to the residence of the Prussian kings until the destruction of the city castle. The entire construction and ornamentation of the gate reflect the extraordinary importance it was granted by its builders. The architect selected as the model for his design the Propylaga in Athens, the monumental entry hall of the Acropolis, Just as the Propylaea led to a shrine of the Ancient world, this gate was to represent the access to the most important city of the Prussian kingdom. This reference to Antiquity made it the structure which founded the Classic age of architecture in Berlin, an epoch which brought the city its sobriquet "Spreeathen" ("Athens of the Spree" -- Berlin's river is called the Spree). The most important sculptor in Berlin during this period carried out the accompanying agenda of visual explanation. The Brandenburg Gate is crowned with a quadriga depicting the goddess of victory, "who brings peace", marching into the city. The relief on the pedestal portrays her again with her attendants. Personifications of virtues like friendship and statesmanship are represented, along with symbols of arts and sciences, because they make a city like Berlin bloom in times of peace. Reliefs with the exploits of Hercules in the passages allude to the time of the wars and the subsequent period of reconstruction, during which Friedrich II made Prussia into a European power and laid the foundation for flourishing trade and crafts. The gate thus is also a memorial for the king who died a few years before its construction.

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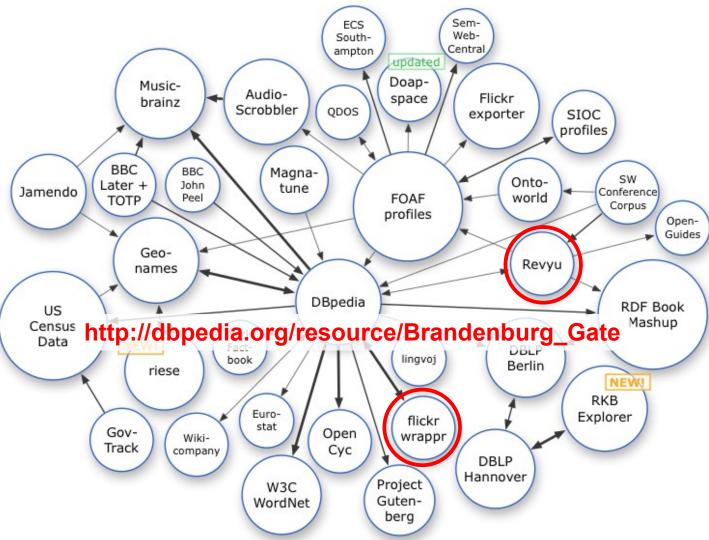
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What does it mean to "Browse" the Web of Data?







# Not Document Browsers, but Thing Browsers



# Porte de Brandebourg

URI: http://dbpedia.org/resource/Brandenburg\_Gate Go!

Property	Value	Sources
abstract		<u>G7</u>
abstract	Brama Brandenburska, ważna budowla w Berlinie, jeden z charakterystycznych punktów miasta, zaprojektowana przez słynnego niemieckiego architekta Carla Gottharda Langhansa. Budowana po wojnie siedmioletniej, w czasach umacniania Prus (kiedy w Polsce trwał Sejm Czteroletni), w roku rewolucji francuskiej została wzbogacona kwadrygą, którą powoziła naga wówczas Wiktoria, bogini zwycjęstwa uwieńczona dębowymi liśćmi. Na biało pomalowana budowla nazwana została wtedy Bramą Pokoju i winkt na nią nie zwracał specjalnej uwagi. Znaczenie nadał jej dopiero Napoleon Bonaparte, wywożąc kwadrygę do Paryża. Brama Brandenburska jako symbol Pokoju i Wolności od 3 października 1990, w rocznicę Zjednoczenia Niemiec, jest znowu w swej oryginalnej formie. Remont tej historycznej budowli trwał dwa lata. Będący niemal świętym symbolem dla Niemców zabytek znajduje się na niemieckich rewersach monet 10, 20 i 50 eurocentów jako symbol zjednoczenia państwa.	<u>G7</u>
abstract	Brandenburger Tor (Brandenburg-porten) er en triumfbue som står ved Pariser Platz i Berlin i enden av paradegaten Unter den Linden. Plassen på vestsiden av porten er kalt Platz des 18. März til minne om Tysklands gjenforening og marsrevolusjonen. Brandenburger Tor er et av Berlins og Tysklands viktigste landemerker. Den har blitt et symbol på både triumfer og tragedier. Brandenburger Tor ble først bygget 1734. Mellom 1788 og 1791 lot den preussiske konge Fredrik Wilhelm II porten oppføre på nytt i tidligklassisisists stil. Arkitekten som hadde ansvaret for konstruksjonen var Carl Gotthard Langhans. I 1793 fikk den en kvadriga med den romerske fredsgudinnen som kjører en firspent vogn plassert øverst. Da Frankrike okkuperte Berlin i 1806 sendte Napoleon denne figuren til Paris som krigsbytte. I 1814 kom den tilbake til Berlin. Den ble da utvidet med den tyske øm og et nytt maktsymbol, det preussiske jernkorset. Figuren ble da omdefinert til den romerske seiersgudinnen Victoria. Under den kalde krigen sto den på grensen mellom Vest- og Øst-Berlin og markerte skillet mellom den delte byen og det delte Europa. På samme måte ble den et symbol på gjenforeningen og befrielsen fra kommunismen i 1989.	<u>G7</u>
abstract	Brandenburger Tor är en stadsport i Berlin, ritad av arkitekten Carl Gotthard Langhans och uppförd 1788–1791. Den kröns av en quadriga-staty. Denna triumfbåge har kommit att bli en symbol för Berlin. Den står placerad vid Pariser Platz och är den enda återstående av en rad stadsportar som ledde till Berlin. Ett kvarter norrut ligger Riksdagsbyggnaden. Porten utgör den monumentala avslutningen av Unter den Linden, den berömda lindboulevarden som ledde till det kungliga residenset. Triumfbågen lät Fredrik Vilhelm II bygga som ett tecken på fred och den är byggd i nyklassicistisk stil. Brandenburger Tor består av tolv doriska kolonner, sex på var sida. Detta ger fem genomfarter, men ursprungligen fick vanligt folk bara använda de två yttre. Porten kröns av en quadriga, bestående av fredsgudinnan körande en vagn dragen av fyra hästar i triumf. Fyrspannet är i triumf. Evrspannet i triumf. Evr	<u>G7</u>
abstract	Brandenburgin portti on Berliinin historiallinen kaupunginportti ja yksi Berliinin tunnetuimmista symboleista. Se sijaitsee Berliinin historiallisessa keskustassa Pariser Platzilla, bulevardikatu Unter den Lindenin päässä.	<u>G7</u>
abstract	Das Brandenburger Tor am Pariser Platz in der Dorotheenstadt im Ortsteil Mitte (Bezirk Mitte) von Berlin wurde in den Jahren von 1788 bis 1791 auf Anweisung des preußischen Königs Friedrich Wilhelm II. von Carl Gotthard Langhans errichtet und ist das wichtigste Wahrzeichen der Stadt und gleichzeitig ein nationales Symbol, mit dem viele wichtige Ereignisse der Geschichte Berlins, Deutschlands, Europas und der Welt des 20. Jahrhunderts verbunden sind. Der Bau ist dem frühklassizistischen Stil zuzuordnen. Das Brandenburger Tor bildet mit dem Pariser Platz den Abschluss der Straße Unter den Linden. Auf der Westseite des Tores liegt der Platz des 18. März, an dem die Straße des 17. Juni beginnt, die den Tiergarten durchquert. Das Brandenburger Tor markierte die Grenze zwischen Ost- und West-Berlin und damit die Grenze zwischen den Staaten des Warschauer Paktes und der NATO. Es war bis zur Wiederwereinigung Deutschlands Symbol des Kalten Krieges und wurde nach 1990 zum Symbol der Wiedervereinigung Deutschlands und Europas.	<u>G7</u>
abstract	La Porta di Brandeburgo è una delle antiche porte urbane di Berlino. Si trova fra i quartieri di Mitte e Tiergarten. È il monumento più conosciuto della città, e simbolo dell'unità tedesca. Venne costruita a partire dal 1788 ed aperta al traffico il 6 agosto del 1791 da Carl Gotthard Langhans che prese spunto dalla ricostruzione dei Propilei di Atene pubblicata da Leroy nel "Ruines des plux beaux Monuments de la Grèce" nel 1758. Lo stile utilizzato da Langhans è definibile come dorico-romano semplificato, infatti alla base delle colonne sono presenti delle basi e alla fine del fregio risolta con un triglifo. Essa costituisce il punto finale occidentale del viale Unter den Linden presso la Pariser Platz. La porta è alta 26 metri e larga 65. Le colonne doriche in pietra, che a terra hanno una circonferenza di 1,75 metri, creano 5 punti di passaggio. Dopo l'abbattimento delle mura cittadine, Johann Heinrich Strack aggiunse nel 1868 ai lati della costruzione centrale due basse costruzioni. La quadriga sulla sua sommità fu creata nel 1794 da Johann Gottfries Schadow. Napoleone I la trasportò nel 1807 a Parigi, come bottino di guerra. Nel 1814 i prussiani la riportarono indietro, ed aggiunsero la croce di ferro alla corona che sormonta l'asta in mano alla dea della pace. La costruzione e la quadriga vennero seriamente danneggiate durante la seconda guerra mondiale e restaurate tra il 1956 ed il 1958. Gli stampi originali della quadriga si trovavano fortunatamente ancora nel deposito della fonderia Nack a Berlino ovest. La Porta di Brandenburgo fu chiusa il 13 agosto 1961 dai sistemi di sbarramento della DDR, rimanendo nella parte orientale della città. La quadriglia venne girata, dato che originariamente guardava ad ovest (e quindi contro il muro). Dopo gli awenimenti del 9 novembre 1989 la porta di Brandeburgo venne di Brandeburgo venne dificialmente riaperta il 22 dicembre dello stesso anno e poco dopo anche i cavalli tornarono a guardare nella direzione originaria. I resti del Muro di Berlino e dei vari sbarrament	<u>G7</u>
abstract	La Porte de Brandebourg se situe à l'entrée ouest de l'ancien Berlin et est un symbole de la ville. Elle fut érigée par Carl Gotthard Langhans (1732-1808) pour le roi prussien Frédéric-Guillaume II de Prusse (1744-1797). Elle fut construite de 1788 à 1791 en style néoclassique. Elle rappelle le Propylée de l'Acropole d'Athènes.	<u>G7</u>
abstract	La Puerta de Brandeburgo no es un arco del triunfo, sino que es el acceso, a modo de propileos, al "Nuevo Berlín" de la época. Se encuentra en el centro de Berlín (Alemania), siendo el símbolo más representativo de la ciudad. Está situada en la Plaza de París, formando el final de la avenida Unter den Linden y marcando el comienzo del gran parque Tiergarten y de la avenida Straße des 17. Juni. En las cercanías también se encuentran el Reichstag y la Potsdamer Platz. Importantes sucesos en la historia de Berlín están ligados a la Puerta de Brandeburgo.	<u>G7</u>



## Brandenburg Gate

http://www.georss.org/georss/point

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- La Porte de Brandebourg se situe à l'entrée ouest de l'ancien Berlin et est un symbole de la ville. Elle fut érigée par Carl Gotthard Langhans (1732-1808) pour le roi prussien Frédéric-Guillaume II de Prusse (1744-1797). Elle fut construite de 1788 à 1791 en style néoclassique. Elle rappelle le Propylée de l'Acropole d'Athènes."
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- Бранденбургские ворота" 🎎
- ||-||-||-||-||-||-||} De Brandenburger Tor (Brandenburger Poort) is de belangrijkste poort van Berlijn, gebouwd in 1788. De poort staat aan de Pariser Platz en vormt de afsluiting van de boulevard Unter den Linden. 🎎
- . 28
- Brama Brandenburska, ważna budowła w Berlinie, jeden z charakterystycznych punktów miasta, zaprojektowana przez stynnego niemieckiego architekta Carla Gottharda Langhansa."
- Brandenburgin portti on Berliinin historiallinen kaupunginportti ja yksi Berliinin tunnetuimmista symboleista. Se sijaitsee Berliinin historiallisessa keskustassa Pariser Platzilla, bulevardikatu Unter den Lindenin päässä."
- 🔹 La Porta di Brandeburgo è una delle antiche porte urbane di Berlino. Si trova fra i quartieri di Mitte e Tiergarten." 🌉
- 布蘭登堡門()是位於德国首都柏林的新古典主義風格建筑,由普魯士國王腓特烈 威廉二世下令於1788年至1791年間建造,以紀念普魯士在七年战争取得的勝利。" 🦀
- Das Brandenburger Tor am Pariser Platz in Berlin-Mitte wurde in den Jahren von 1788 bis 1791 auf Anweisung des preußischen K\u00f6nigs Friedrich Wilhelm II. von Carl
  Gotthard Langhans errichtet und ist das wichtigste Wahrzeichen der Stadt und gleichzeitig ein Staatssymbol, mit dem viele wichtige Ereignisse der Geschichte Berlins,
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- Brandenburger Tor (Brandenburg-porten) er en triumfbue som står ved Pariser Platz i Berlin i enden av paradegaten Unter den Linden. Plassen på vestsiden av porten er kalt Platz des 18. März til minne om Tysklands gjenforening og marsrevolusjonen."
- 2005年のブランデンブルク門とパリ広場]] 1764年の古いブランデンブルク門 ナポレオンとブランデンブルク門]] 1987年、西ベルリン側からの門の風景、壁のため近寄れない" №
- The Brandenburg Gate (German: Brandenburger Tor) is a former city gate and one of the main symbols of Berlin, Germany. It is located between the Pariser Platz and the Platz des 18. März and is the only remaining gate of a series through which one formerly entered Berlin. One block to its north lies the Reichstag. It constitutes the monumental termination of Unter den Linden, the renowned boulevard of linden (lime) trees which led directly to the royal residence."
- 🔹 Brandenburger Tor är en stadsport i Berlin, ritad av arkitekten Carl Gotthard Langhans och uppförd 1788–1791. Den kröns av en quadriga-staty." 🌉

abstract

- La Puerta de Brandeburgo no es un arco del triunfo, sino que es el acceso, a modo de propileos, al "Nuevo Berlin" de la epoca. Se encuentra en el centro de Berlín
  (Alemania), siendo el símbolo más representativo de la ciudad. Está situada en la Plaza de París, formando el final de la avenida Unter den Linden y marcando el comienzo
  del gran parque Tiergarten y de la avenida Straße des 17. Juni. En las cercanías también se encuentran el Reichstag y la Potsdamer Platz. Importantes sucesos en la
  historia de Berlín están ligados a la Puerta de Brandeburgo."
- Brandenburgin portti on Berliinin historiallinen kaupunginportti ja yksi Berliinin tunnetuimmista symboleista. Se sijaitsee Berliinin historiallisessa keskustassa Pariser Platzilla, bulevardikatu Unter den Lindenin päässä."
- . =
- ||-||-||-||-||-||-||} De Brandenburger Tor (Brandenburger Poort) is de belangrijkste poort van Berlijn, gebouwd in 1788. De poort staat aan de Pariser Platz en vormt de afsluiting van de boulevard Unter den Linden."
- La Porta di Brandeburgo è una delle antiche porte urbane di Berlino. Si trova fra i quartieri di Mitte e Tiergarten. E' il monumento più conosciuto della città, e simbolo dell'unità tedesca. Venne costruita a partire dal 1788 ed aperta al traffico il 6 agosto del 1791 da Carl Gotthard Langhans che prese spunto dai Propilei di Atene. Essa costrutisce il punto finale occidentale del viale Unter den Linden presso la Pariser Platz. La porta è alta 26 metri e larga 65. Le colonne doriche in pietra, che a terra hanno una circonferenza di 1,75 metri, creano 5 punti di passaggio. Dopo l'abbattimento delle mura cittadine, Johann Heinrich Strack aggiunse nel 1868 ai lati della costruzione centrale due basse costruzioni. La quadriga sulla sua sommità fu creata nel 1794 da Johann Gottfries Schadow. Napoleone I la trasportò nel 1807 a Parigi, come bottino di guerra. Nel 1814 i prussiani la riportarono indietro, ed aggiunsero la croce di ferro alla corona che sormonta l'asta in mano alla dea della pace. La costruzione e la quadriga vennero seriamente danneggiate durante la seconda guerra mondiale e restaurate tra il 1956 ed il 1958. Gli stampi originali della quadriga si trovavano fortunatamente ancora nel deposito della fonderia Noack a Berlino ovest. La Porta di Brandenburgo fu chiusa il 13 agosto 1961 dai sistemi di sbarramento della DDR, rimanendo nella parte orientale della città. La quadriglia venne girata, dato che originariamente guardava ad ovest (e quindi contro il muro). Dopo gli avvenimenti del 9 novembre 1989 la porta di Brandeburgo venne ufficialmente riaperta il 22 dicembre dello stesso anno e poco dopo anche i cavalli tornarono a guardare nella direzione originaria. I resti del Muro di Berlino e dei vari sbarramenti nelle vicinanze della porta venne a mano a mano completamente demoliti. La notte di capodanno del 1989 la guadriga venne di puovo danneggiata, ma già nel 1981 vennero reminati il avori di restauro. Attualmente è raffigurata su alcune monete (10, 20 e 50 cent di euro) emesse.

has subject	Buildings and structures in Berlin &		
	<ul> <li>Visitor attractions in Berlin </li> </ul>		
	• Landmarks in Germany		
	• Gates 🌉		
	Greek Revival buildings		
page	http://en.wikipedia.org/wiki/Brandenburg_Gate		
longitude	• 13.37769985198975 🏖		
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latitude	• 52.51630020141602 縫		

depiction





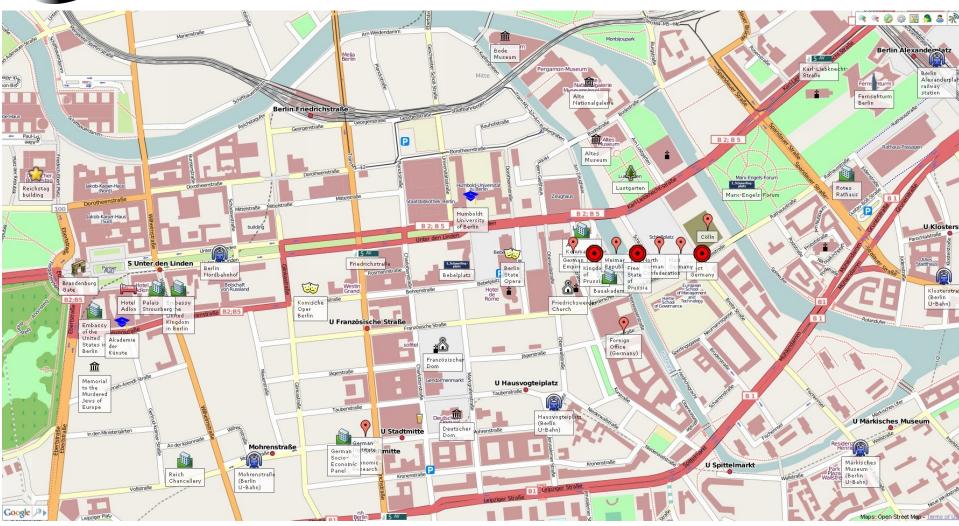






# **Browsing in Multiple Dimensions**







# Interaction Widgets for Browsing the Web of Data

## Home - Tom Heath

### Home Research Publications Talks Roles Other Stuff

### Research

I'm currently a Researcher in the Platform Division at Talis, working in the field of recommender systems and collective intelligence in a Linked Data/Semantic Web context. Before joining Talis I studied for my PhD at the Knowledge Media Institute of The Open University in the UK.

My PhD research was focused on using the Semantic Web to support recommendation-seeking in social networks. Specifically the aim was to: understand how people choose word of mouth information sources from among members of their social networks, and the factors that affect these source-selection decisions; model these processes as computational algorithms so they can be replicated in an online environment; build Semantic Web-based systems that support people in information seeking through their trusted social networks. See Research for a few more details.

## Recent Publications (see all Publications)

- Mathieu d'Aquin, Enrico Motta, Martin Dzbor, Laurian Gridinoc, Tom Heath, and Marta Sabou (2008) Collaborative Semantic
  Authoring. IEEE Intelligent Systems, Vol. 23(3), pages 80-83.
- Paul Miller, Rob Styles and Tom Heath (2008) Open Data Commons, a License for Open Data. In Proceedings of the 17th International World Wide Web Conference (WWW2008), Beijing, China, April 2008.
- Christian Bizer, Tom Heath, Kingsley Idehen and Tim Berners-Lee (2008) Linked Data on the Web (LDOW2008). In Proceedings of the 17th International World Wide Web Conference (WWW2008), Beijing, China, April 2008. [alternate]

### From Elsewhere on the Web

# Xtom's latest reviews on Revyu.com

- Brandenburg Gate
- · Man on Wire
- The Grant Institute
- . Alison May Food Stylist and Writer
- · Kwik-Fit Tyres and Car Servicing, Cheltenham Road, Bristol
- . The Lamb, Stoke Goldington, Milton Keynes
- · New Street Station, Birmingham
- Tim Berners-Lee's Keynote at Linked Data Planet, New York, 17 June 2008
- · Cats Abbey, Sherborne, Gloucestershire
- · Harmony Guesthouse, Pingyao, Shanxi Province, China

# Tom's Latest Semantic Web Bookmarks From del.icio.us

Talis Project Xiphos - About

SPARQL Implementation Survey

Linked Data Blog Aggregator

Linked Movie Data Base | Start Page

Das Know-Center holt die international anerkanntesten

Spitzenforscher zur I-KNOW nach Graz

LSL - Learning Societies Lab Homepage

Semantic Web Austin

Job Mart - ESW Wiki

Semantic Search Arrives at the Web

Yahoo Researcher Seeks to Combine Semantic Search Methods [SearchEngineWatch]

n<sup>2</sup> » Blog Archive » Streaming Parsing of RDF/XML with ARC2

The 7th International Semantic Web Conference (ISWC 2008) | How to Publish Linked Data on the Web

moriarty - Google Code

The Semantic Web Gang » Blog Archive » July 2008: The Semantic Web Gang discusses interfaces to the Semantic Web

WhatIsVoCamp - VoCamp

Revyu.com - Review Anything



### See Also



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# Tom Heath's Displacement Activities

Blog

Archive

About

# What's with the images in Cuil?

Friends

MONDAY, 4. AUGUST 2008, 16:31:50 TOM HEATH, CUIL, PICTURES, TALIS ...

I've just been having a play with Cuil. In general I really like it, particularly the richer layout. What is very weird (aka rubbish) though is the algorithm they're using to select images for display next to each result. A quick search for Talis shows some relatively sensible accommpanying images, although I'm not sure who the young guy with the beard is.

A bit of vanity searching though throws up all sorts of weirdness. This time who is the old dude with the beard known as 303 See Other? He looks kind of familiar, but there's no way it's me. And who's the other young guy with the whispy chin hair, and why is he squatting on my publications page? I like the juxtaposition of Linked Data and the Killer App image, but why? There seem to be far too many false positives, so come on Cuil, up the confidence threshold slightly.

#### O COMMENTS

# VoCamp - Tackling the Vocabulary Bottleneck

WEDNESDAY, 30. JULY 2008, 07:47:16 EVENT, VOCABULARY, SEMANTIC WEB, VOCAMP ...

The last 18 months have seen amazing progress in the world of Linked Data, but we now face a new challenge: availability of vocabularies to describe this data. OK, so it's not really a new challenge at all, but this time it's real, and urgent. Anyone stumbling across a tasty open data set on the Web is generally faced with the decision of whether to create the necessary vocabulary with which to describe the data, or walk away and find something to do that is more immediately gratifying. There just isn't a critical mass of existing vocabularies with which to describe the data that is already out there on the Web.

Out of the desire to do something about this issue, and spurred on by discussions with a number of people in the community, Richard Cyganiak and I have set a ball rolling called VoCamp - lightweight, informal hackfests, where motivated people can get together and spend some dedicated time creating vocabularies/ontologies in any area that interests them. Thanks to the generous efforts of David Shotton and Jun 7hao, the first VoCamp will take place in Oxford in late Sentember

#### BLOG SEARCH

search

#### **FRIENDS**











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TAGS

v Card

Tom Heath

PC member of: INSEMTIVE2008, SDoW2008,

OC member of: ISWC2007+ASWC2007,

FOAF @

I-SEMANTICS 2008, SemWiki2008, SWKM2008

Affiliation:

ESWC2006

See also:

[edit]

Talis Information Ltd

Homepage: tomheath.com/home/html @



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### search

Go Search

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page discussion edit with form edit history

## Tom Heath

Tom is a researcher at Talis Information Ltd, and a PhD student at Knowledge\_Media\_Institute. Tom attended ESWC2006, ISWC2006, WWW2007, ESWC2007, ISWC2007+ASWC2007, WWW2008, ESWC2007.

## **Publications**

- Recipes for Semantic Web Dog Food The ESWC and ISWC Metadata Projects
- Revyu.com: A Reviewing and Rating Site for the Web of Data

# FOAF Knows Relationships

- Denny Vrandecic
- Chris Bizer

Obside Diagon

Facts about Tom Heath ①

Affiliation Talis Information Ltd + \( \), and Knowledge Media Institute + \( \)

Foaf:knows Denny Vrandecic + \( \), and Chris Bizer + \( \)

Homepage http://tomheath.com/home/html \( \) + \( \)

Member of Talis Information Ltd + \( \)

Name Tom Heath + \( \)

Participant of ESWC2006 + \( \), ISWC2006 + \( \), ISWC2007 + \( \), ESWC2007 + \( \), ISWC2007 + \( \), ISWC2007 + \( \), and WWW2008 + \( \)

Category: Person

This page was last modified on 29 July 2008, at 13:44.

This page has been accessed 1,920 times.

See also http://tomheath.com/home/rdf @ + Q

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# Reviews by tom (202)

### **Brandenburg Gate**



The Brandenburg Gate makes a pretty impressive and imposing monument as you approach down Unter den Linden. For many people the gate will be imprinted on the brain from images of the day the Berlin wall fell, and the history bound up in this place is tangible. Just being able to walk through it freely is a fairly mindblowing experience. Not to be missed if you're in Berlin.

### Man on Wire

\*\*\* on 08 Aug 2008

Brilliant. This account of Philippe Petit's high-wire walk between the two towers of the World Trade Center is mind-blowing, moving and hilariously funny in almost equal measures.

The documentary plus reconstruction format works pretty well, and while some of Petit's present day performances for the camera are over the top the film nevers lacks credibility. In fact the interview segments have a degree of clarity that really brings the story alive. They're somewhat reminiscent of similar features in Touching the Void, except the range of protoganists with distinct characters gives this an added dimension.

Great direction, coupled with a powerful soundtrack and poignant archive footage of the Twin Towers under construction make this an unmissable film.

### The Grant Institute

★☆☆☆☆ on 04 Aug 2008

I've got no idea what these guys actually do, but if my email inbox is anything to go by they're too busy sending spam email to actually do any real work. It seems to be something to do with workshops about writing grant proposals, but I can't imagine who would want to take a course with these guys given their marketing techniques. I'm not going to provide a link to their web site, as I don't want them to gain any Google karma from this review.

### Alison May - Food Stylist and Writer

on 04 Aug 2008

Not being in the kind of business that needs food stylists or food writers, I haven't ever booked Alison for a job. However, I have been lucky enough to act as a guinea pig while she's been perfecting recipes for clients, and it's impressive stuff, always impeccably presented.

## Kwik-Fit Tyres and Car Servicing, Cheltenham Road, Bristol

★☆☆☆☆ on 31 Jul 2008

I've had bad experiences with this branch of Kwit-Fit on Cheltenham Road before, but always gone back as the guys seemed decent but just sketchy and disorganised due to stress. I was willing to give them the benefit of the doubt, but today's experience really takes the biscuit.

Having got some quotes for tyres over the phone earlier this week I phoned Kwik-Fit to see if they could match the best quote. The said they could, and would order the tyres in for fitting later in the week. They were due to be fitted today, but on taking the car in it turned out the specific tyres had not been ordered as agreed. To make matters worse the manager appeared and refused to honour the telephone quote for those specific tyres or even some cheaper alternatives. At this point I walked away, and will now have to make an additional trip elsewhere.

If you're thinking of chancing it and using this Kwit-Fit, my word of advice is to always phone back and double-check that they've done what they said they were going to do before you turn up. All in all though, my opinion is that giving this place a wide berth is by far the best strategy.

Do you know tom? <u>Login</u> or <u>Register</u> to add tom to your Network

Web Feed of tom's Latest Reviews

RSS WEB FEED

About tom (Tom Heath)



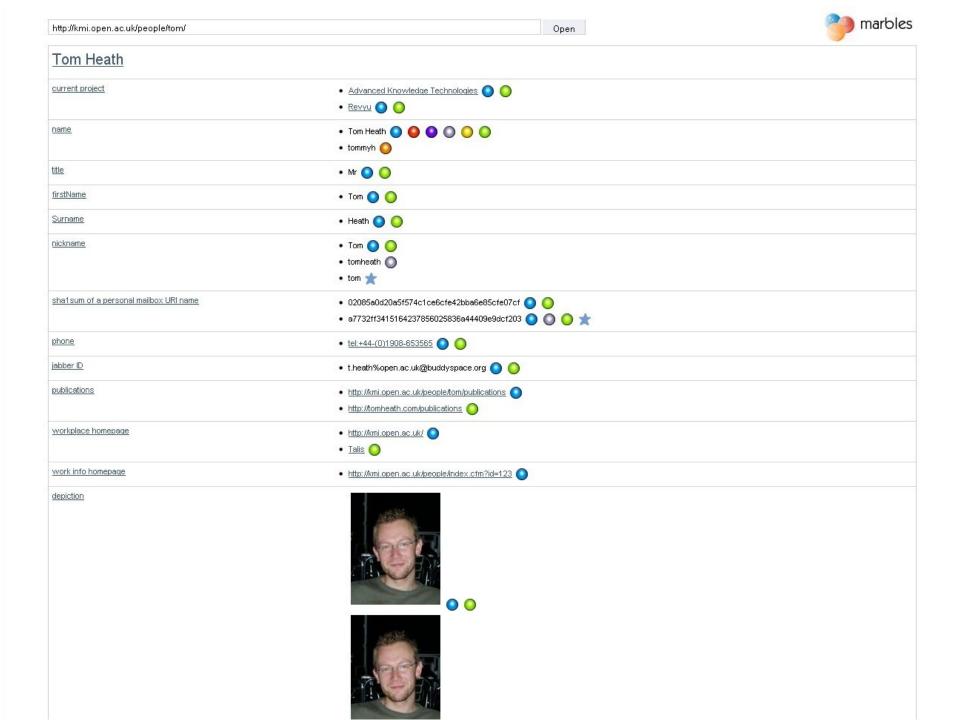
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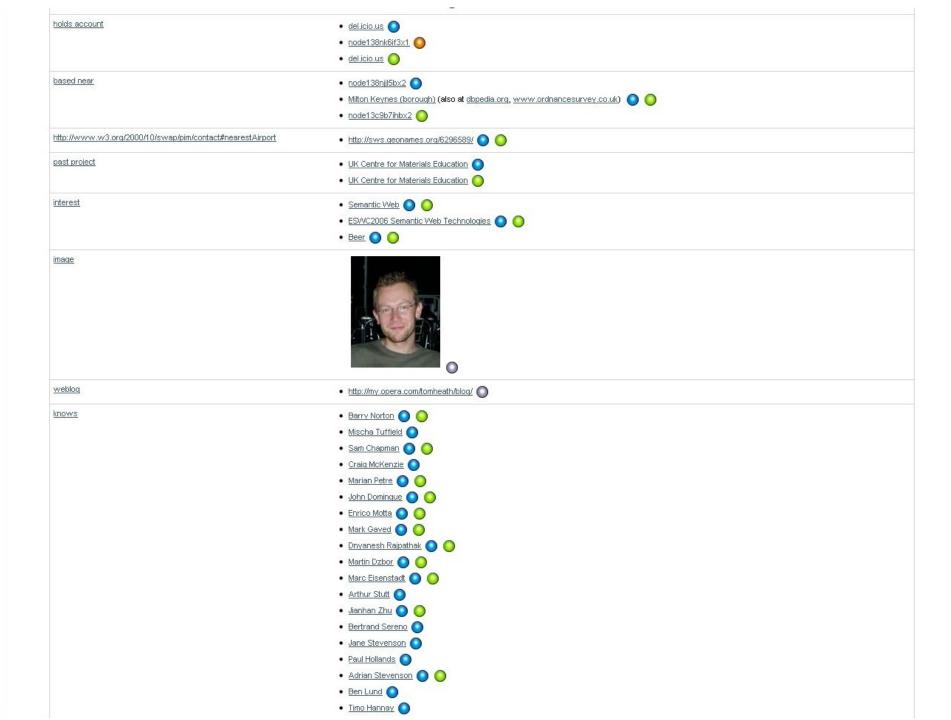
tom's location: Borough of Milton Keynes

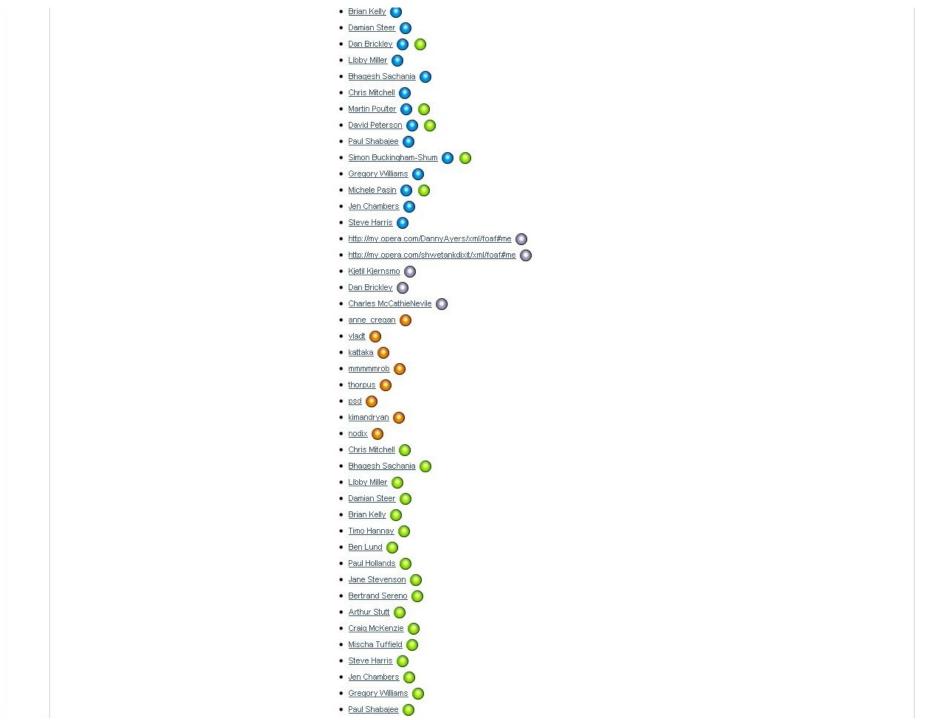
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Review of The Holiday, by tom **
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is Creator of

    Tom Heaths FOAF File

    The Statistical Core Vocabulary (scovo)

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Tom Heathe FOAF File

#### Sources

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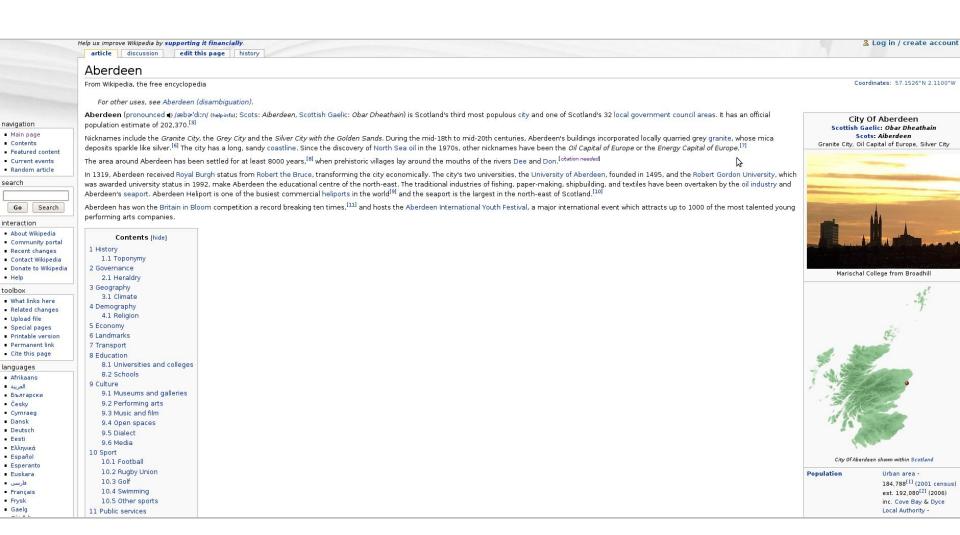


## A Task-oriented Foundation for Linked Data Applications



Search and Browse are great for *Documents* – but what other kinds of tasks can we enable with a Web of *Data*?

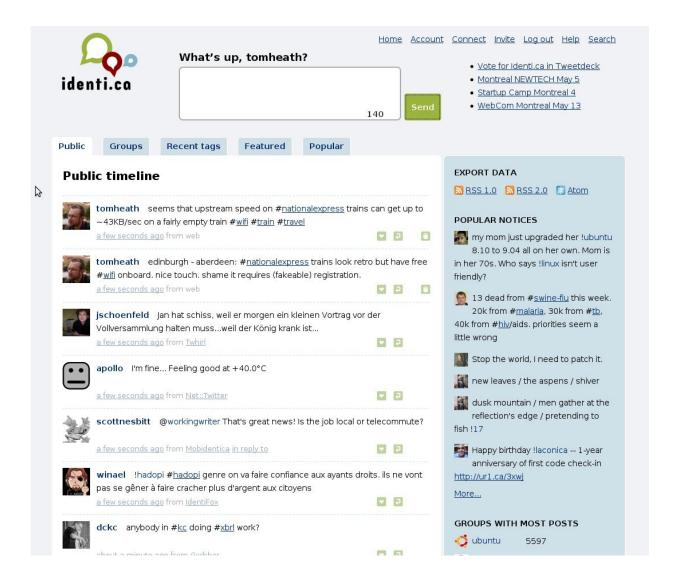




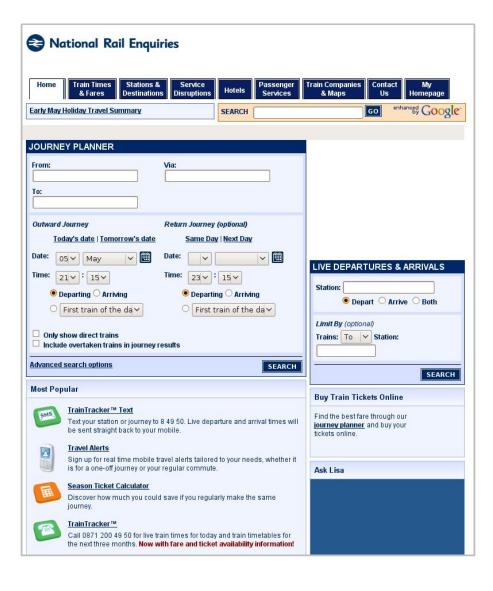
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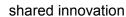


# talis®











### 11 Platform- and Application-Independent Tasks



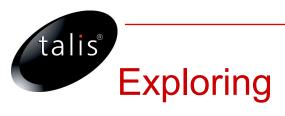
### 11 Platform- and Application-Independent Tasks

- Locating
- Exploring
- Grazing
- Monitoring
- Notifying
- Sharing

- Asserting
- Discussing
- Evaluating
- Arranging
- Transacting



- Looking for an object or chunk of information which is known or expected to exist
- e.g. an article from a journal, a colleague's phone number.



 Gathering information about a specific concept or entity to gain understanding or background knowledge



- Moving speculatively between sources with no specific information goal in mind, but an expectation that items of interest may be encountered
- e.g. serial watching of YouTube videos.



- Checking known sources that are expected to change, with the express intention of detecting the nature and occurrence of changes
- e.g. checking news sites during an election, checking email accounts for new messages, reading twitter/identi.ca.



- Informing others of an event in time or a change of state
- e.g. emailing/tweeting/txting/IMing friends to tell them you'll be going out at the weekend.



- Making an object or chunk of information available to others
- e.g. sharing holiday photos via Flickr or MMS; uploading preprints of papers to an eprints repository.



- Making statements of fact or opinion
- e.g. writing a review on Revyu.com, flagging a book as one that you own.



- Exchanging knowledge or opinions with others on a specific topic
- e.g. posting a comment on a discussion forum or blog, email mailing lists, microblogging discussions.



- Determining whether a particular piece of information is true, or assessing a number of alternative options
- e.g. choosing which film to see at the weekend, based on what's showing, where, and at what time; choosing a new digital camera; checking facts behind a news story.



- Coordinating with third parties to ensure that something will take place or will be possible at a certain time
- e.g. arranging travel and accommodation for an international conference.



#### Transacting

- Transferring money or credit between two locations
- e.g. Paying a bill, or transferring money between accounts.



- The Semantic Web is about linked, machinereadable data – but has significant implications for human-computer interaction.
- Linked Data applications can replicate linked document applications, but why limit our horizons?
- Task-centricity the key to spotting Semantic Web killer apps?



- Acknowledgements
  - The Disco and Marbles teams at FU Berlin
- Further reading
  - Sept/Oct 2008 issue of IEEE Internet Computing
  - http://linkeddata.org/

## shared innovation



- The data format for building the Web of Linked Data
- Resource Description Framework
- In essence a simple data model
- It's about writing down relations between things
- See http://www.w3.org/RDF/



### Uniquely Identifying Things

- We need to be able to identify things globally and uniquely
- URIs (URLs) already provide those capabilities
- Name things with URIs, specifically http:// URIs



#### Linked Data Principles

- 1. Use URIs as names for things.
- 2. Use HTTP URIs so that people can look up those names.
- 3. When someone looks up a URI, provide useful RDF information.
- 4. Include RDF statements that link to other URIs so that they can discover related things.

Tim Berners-Lee 2007

http://www.w3.org/DesignIssues/LinkedData.html

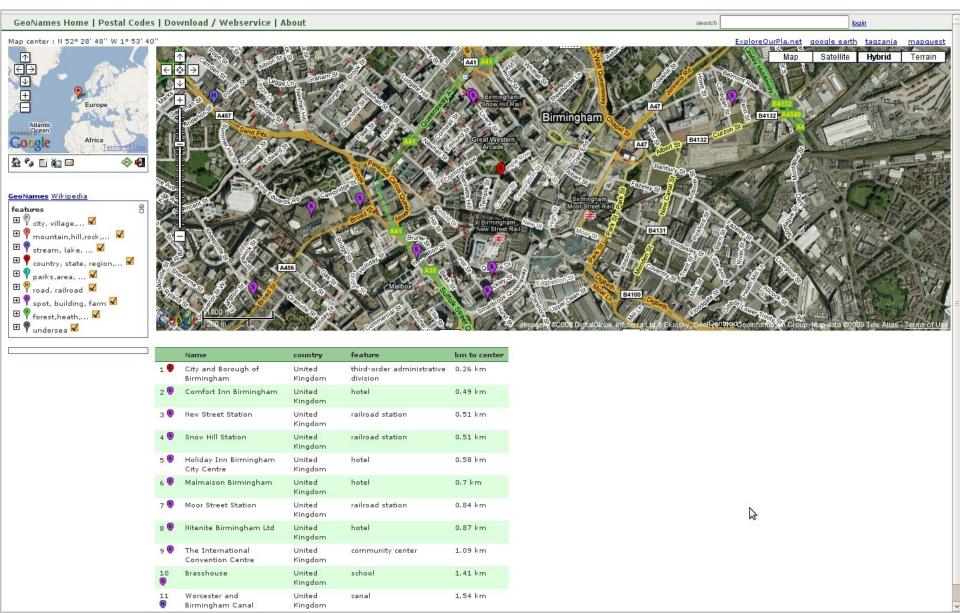


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- Talis (UK)
- Garlik (UK)
- OpenLink (UK)
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#### Birmingham

From Wikipedia, the free encyclopedia

Coordinates: 6 52°29'1"N 1°54'23"W

Birmingham

This article is about the city in England. For the U.S. city named after it, see Birmingham, Alabama. For other uses, see Birmingham (disambiguation).

Birmingham (4) pronunciation (help-info), /'bax:mɪnəm/ BIRR-ming-əm) is a city and metropolitan borough in the West Midlands county of England. Birmingham is the most populous of England's core cities, and is the second most populated British city after London, with a population of 1,010,200 (2005 estimate). Often considered to be the second city of the United Kingdom<sup>[2]</sup>, the City of Birmingham forms part of the larger West Midlands conurbation, which has a population of 2,284,093 (2001 census)[3] and includes several neighbouring towns and cities, such as Solihull, Wolverhampton and the towns of the Black Country.

The city's reputation was forged as a powerhouse of the Industrial Revolution in England, a fact which led to Birmingham being known as "the workshop of the world" or the "city of a thousand trades". [4] Although Birmingham's industrial importance has declined, it has developed into a national commercial centre, being named as the third best place in the United Kingdom to locate a business, and the 21st best in Europe by Cushman & Wakefield in 2007. [5] It is also the fourth most visited city by foreign visitors in the UK. [6] In 1998, Birmingham hosted the G8 summit at the International Convention Centre, on the site of Bingley Hall, the world's first purpose-built exhibition hall, and remains a popular location for conventions today along with the National Exhibition Centre in nearby Solihull. [7] In 2007, Birmingham was ranked as the 55th most livable city in the world, according to the Mercer Index of worldwide standards of living. [8]

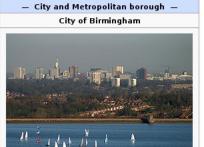
People from Birmingham are known as 'Brummies', a term derived from the city's nickname of Brum. This comes in turn from the city's dialect name, Brummagem, [9] which is derived from one of the city's earlier names, 'Bromwicham'. There is a distinctive Brummie dialect and accent, both of which differ from the adjacent Black Country.

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Birmingham's skyline viewed from Bartley Green



#### Nickname(s): "Brum", "Brummagem", "Second

City", "Workshop of the World", "City of a Thousand Trades", "Canal City" Motto: Forward





