Information Technology Laboratory





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Ional TAC Entity Linking by Performing Full-document Entity Extraction and Disambiguation

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evel

cal

Gaithersburg, MD

Microsoft Research Machine Learning Group

developed coun

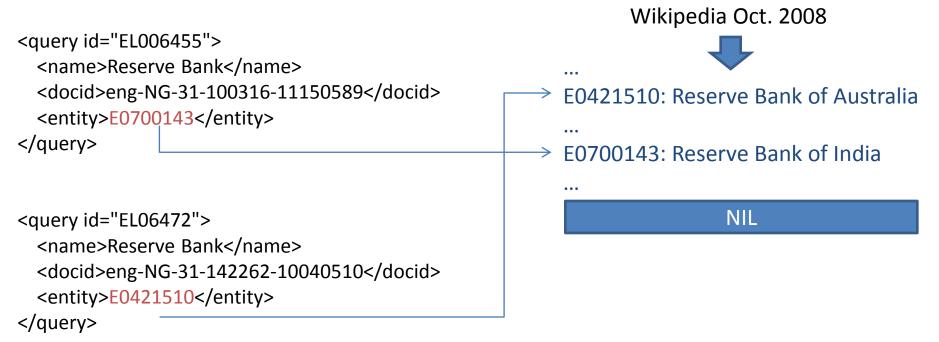
Senerici Report of the Assessment F Food chair, see the

Central Asia Soutr Asia

November 15, 2011

KBP Entity Linking - Task Description

For a name string and a document, determine which entity in a given knowledge base if any is being referred to by the name string.



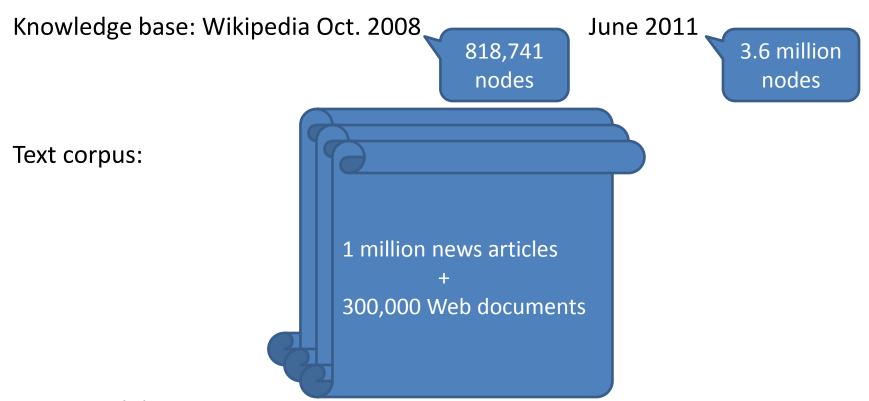
Evaluation metrics:

Linking accuracy (A), Known-entity linking accuracy (A_{Wiki}), NIL accuracy (A_{NIL}),

B-cubed precision and recall with equal element weighting

$$\begin{split} \mathsf{P}_{\mathsf{B-cubed+}} &= \mathsf{Avg}_x(\mathsf{Avg}_{x'\mid\mathsf{T}(x)=\mathsf{T}(x')}(\delta\left(\mathsf{T}(x),\mathsf{S}(x),\mathsf{S}(x')\right))\\ \mathsf{R}_{\mathsf{B-cubed+}} &= \mathsf{Avg}_x(\mathsf{Avg}_{x'\mid\mathsf{S}(x)=\mathsf{S}(x')}\left(\delta\left(\mathsf{S}(x),\mathsf{T}(x),\mathsf{T}(x')\right)\right), \end{split}$$

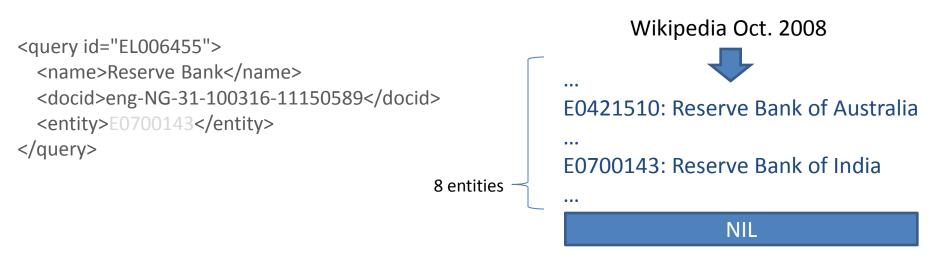
Employed Resources



Annotated data:

Corpus	Size (entity mentions)		
	Person	Organization	GPE
2010 Training Web	500	500	500
2010 Eval Newswire	500 500 50		500
2010 Eval Web data	250	250	250

How Ambiguous Are Target Names?



<query id="EL06472"> <name>Reserve Bank</name> <docid>eng-NG-31-142262-10040510</docid> <entity>E0421510</entity> </query>

How Ambiguous Are Target Names?



<query id="EL06472"> <name>Reserve Bank</name> <docid>eng-NG-31-142262-10040510</docid> <entity>E0421510</entity> </query>

<DOCID> eng-NG-31-100316-11150589 </DOCID> <DOCTYPE SOURCE="usenet"> USENET TEXT </DOCTYPE> <DATETIME> 2008-11-08T05:41:05 </DATETIME> <HEADLINE> India Inc cuts jobs, frills to stay in shape </HEADLINE> <TEXT> <POST> <POSTER> "ekam ber" <ekam...@gmail.com> </POSTER> <POSTDATE> 2008-11-08T05:41:05 </POSTDATE>

NEW DELHI/MUMBAI: Layoffs, firings and salary cuts are increasingly becoming all too common across India Inc, highlighting a deepening slowdown in the economy that has forced companies to take the knife to costs to protect their bottom line.

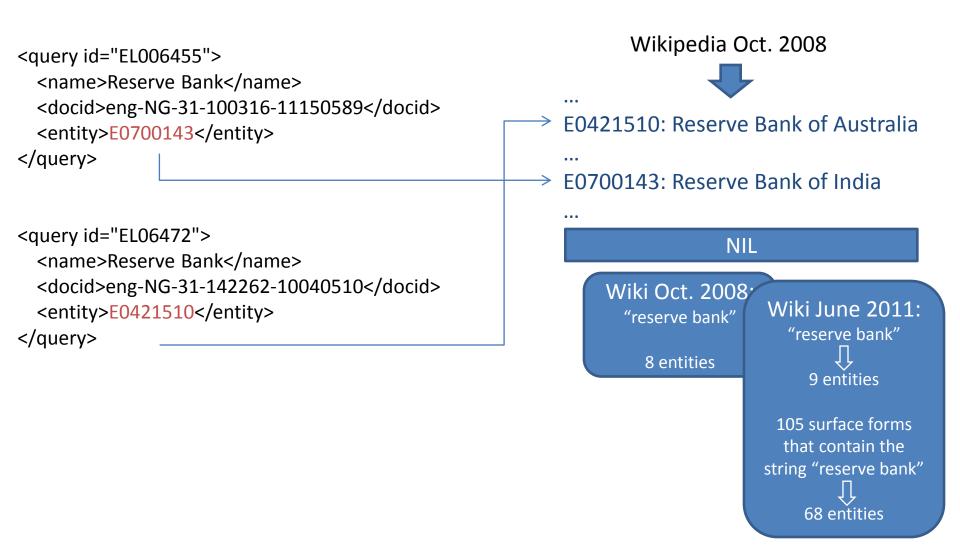
From banking and finance to aviation, from manufacturing to information technology, no sector appears immune, as companies look beyond hiring freezes to job cuts, mirroring a trend across much of the developed world which has seen tens of thousands of people out of employment.

Admittedly India, among the few major global economies that will see respectable GDP growth this year, may not see job losses quite like that being felt in the West, it has nevertheless got policymakers worried.

Prime Minister Manmohan Singh earlier this week urged industry to desist from laying off people and promised to cut interest rates and levies to shore up the economy. The **Reserve Bank** of India (RBI) has already turned its attention to driving up growth from containing inflation, and cut key reserve ratios for banks and a short-term interest rate, signalling a bias in favour of lower rates.

Yet on Friday, news about job cuts came in from different directions. L&T Infotech, a wholly-owned subsidiary of the country's largest engineering company Larsen & amp; Toubro (L&T), is shedding up to 5% of its workforce of nearly 10,000 employees, according to market sources.

How Ambiguous Are Target Names?



Full-document Analysis

- Perform full-document entity extraction and then match target names against the extracted entities; choose the top-ranked matching entity
- Sub- and super-string matches (in 7% of the instances, the target name does not match exactly any entity reference extracted from the text)
 - e.g. "USC" ~ "USC baseball team" → USC Trojans baseball

"Koran Tempo newspaper" ~ "Koran Tempo" → Koran Tempo

Starting Point

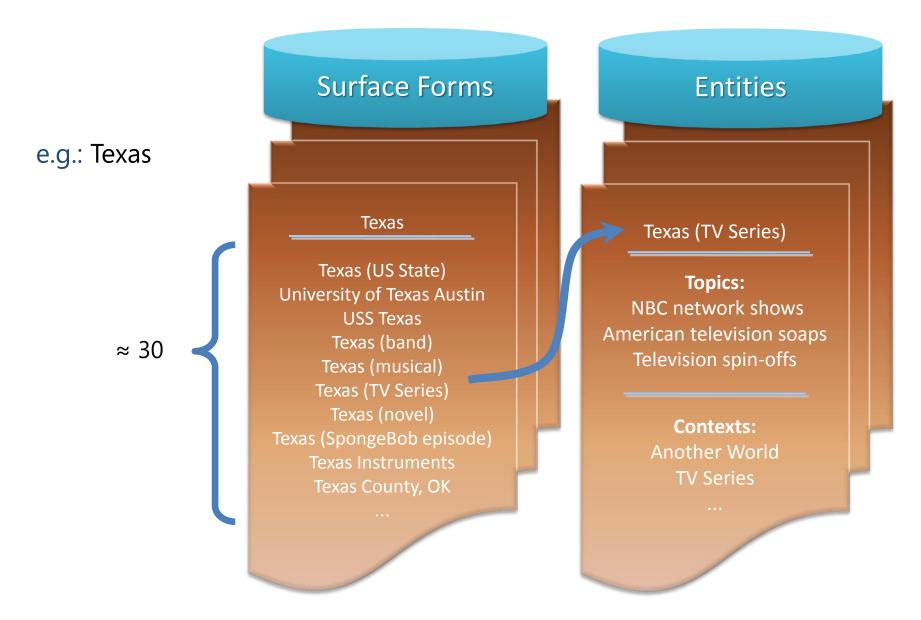
• Productized concept extraction system, trained on Wikipedia from June 2011



2010 training data set: A = 86.3%

 Map the provided KB extracted from Oct 2008 data to the 2011 collection
 <sup>2010 training data set: A = 88.2%
</sup>

Overview of the Information Extracted



the titles of entity pages

article discussion

edit this page history

Texas (TV series)

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Texas (sometimes called Another World in Texas and, later, Texas: The New Generation) was a soap opera which aired on NBC from August 4, 1980 until December 31, 1982. Created by John William Corrington, Joyce Hooper Corrington, and Paul Rauch, the show was a spinoff of *Another World*. It was unique in that it was the first soap opera to air hour-long episodes from its inception. The show aired from 3pm-4pm (EST) and caused a small domino effect on the NBC daytime schedule; Another World, which had previously been airing from 2:30pm-4pm, was scaled back to 60 minutes and aired from 2pm-3pm. The Doctors, which had been airing from 2pm-2:30pm, moved to 12:30pm-1pm.

Texas was moved towards the end of its run, taking the 11 AM to noon slot on the schedule. This lasted from April to December of 1982, when *Texas* was cancelled.

Rauch's initial plans involved a historical soap centered around the period of the Civil War. The Corringtons submitted a concept for a show set in the Antebellum South entitled "Reunion", but NBC wanted something more in line with the hugely successful primetime soap *Dallas*. Rauch then chose to have the show revolve around the popular *Another World* character Iris Cory Carrington, played by Beverlee McKinsey. She and her goofy maid Vivien Gorrow (Gretchen Oehler) moved away from Bay City to live a new life in Houston and Iris became involved with first love Alex Wheeler. A slew & of characters debuted on *Another World* in hopes that when they moved over to *Texas* they would take fans with them. The show had a difficult task from the beginning, as the series' main timeslot competitors were *General Hospital*, then at its most popular, and *Guiding Light*, which was going through a resurgence at the time.

Critics complained that Iris (who was known on Another World as being a villainess and



Genre	soap opera	
Created by	John William	
	Corrington, Joyce	
	Hooper Corrington,	
	Paul Rauch	
Starring	Beverlee McKinsey	
	Bert Kramer,	
	Daniel Davis	
Country of origin 💻 United States		
No. of episodes	617	
Production		
Running time	60 Minutes	



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W http://en.wikipedia.org/wiki/Another_World_in_Texas

http://en.wikipedia.org/wiki/Another_World_in_Texas





the disambiguation pages



the references to entity pages in other articles

article discussion edit this page history	
	Your continued donations keep Wikipedia running!
Pam Long	

From Wikipedia, the free encyclopedia

Pamela K. Long is an American actress and writer, most known for her stints writing the soap opera *Guiding Light*, from 1983 to 1986 and from 1987 to 1990.

Before she started in show business, she won the title of Miss Alabama in 1974. At the time she was attending the University of North Alabama, and was involved in the Phi Mu sorority.

After graduation, she went to New York City and played Ashley Linden on *Texas* from 1981 to 1982. It was after the show ended that Long, who had already proven herself capable of writing a second penning scripts for *Texas*, moved to *Guiding Light* with former *Texas* executive producer Gail Kobe.

Both of her stints were well-regarded and provided a renaissance for the show's ratings to the #1 spot for three weeks in the summer of 1984, dethroning then-powern use *General Hospital* from the top ratings spot. Long created some of GL's most memorable characters, like vixen Reva Shayne, haughty ice queen Alexandra Spaulding, and rough-around-the-edges ingenue Harley Davidson Cooper.

When she left Guiding Light for the second time, she went on to write Santa Barbara and One Life to Live.

Long was once married to actor Jay Hammer and was credited for a time as Pamela Long Hammer.

Preceded by	Head Writer of Guiding Light (GL)	Succeeded by
Carolyn Culliton	1983-1986	Jeff Ryder
Preceded by Joseph D. Manetta		Succeeded by
	Head Writer of GL	Nancy Curlee
	1987-1990	Stephen Demorest

Topics

• List pages ("List of [...]" "Table of [...]")

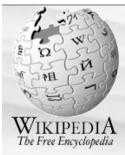
article discussion edit this page story	
List of soap operas	Your continued donations keep Wikipedia running!
From Wikipedia, the free encyclopedia	
This is a list of Soap operas by country of origin.	
Contents [hide]	
1 Argentina 2 Australia	
40 Switzerland	
41 Turkey	
42 UK	
43 U.S.	
Argentina	[edit]
Amandote	
Padre Coraje	
The O.C. (2003-2007)	
 Texas (1980-1982) 	
 Titans (2000) 	
 The Young and the Restless (197 present) 	
 Young Doctor Malone (1958-1963) Where the Heart is (1969-1973) 	
 Where the Heart Is (1969-1973) 	

Categories: Soan operas I Lists of television series

Topics

• Wikipedia categories

article



navigation

- Main page
- Contents
- Featured content
- Current events
- Random article

interaction

- About Wikipedia
- Community portal
- Recent changes
- File upload wizard
- Contact us
- Make a donation
- Help



Texas (TV series)

From Wikipedia, the free encyclopedia

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Genre soap opera Created by John William Corrington, Joyce Hooper Corrington, Paul Rauch



The second was the Match Game-Hollywood Squares Hour, hosted by Gene Rayburn and Jon Bauman. A soap opera wouldn't air in that slot again until July 1984, when *Santa Barbara* premiered. After that was cancelled in 1993, NBC gave the hour back to its affiliates.

Categories: 1980s American television series | NBC network shows | American television soap operas | Television spin-offs | Television series by Procter & Gamble Productions | Television shows set in Texas

Topics

Lexico-syntactic patterns

article discussion edit this page history

Scotland

From Wikipedia, the free encyclopedia

This is an archived revision of this page, as edited by Mais oui! (Talk | contribs) at 09:49, 22 April 2006. It may differ significantly from the current revision.

Scotland (Alba in Gaelic) is a nation in northwest Europe and a constituent country of the United Kingdom. The country occupies the northern third of the island of Great Britain, shares a land border to the south with England, and is bounded by the North Sea to the east, the Atlantic Ocean to the north and west, and the North Channel and Irish Sea to the south-west. Apart from the mainland. Scotland consists of over 790 islands.

Scotland Portal

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The capital, Edinburgh, is one of Europe's largest financial centres. Scottish waters consist of a large sector ^[1] of the North Atlantic and the North Sea. containing the largest oil reserves in the European Union.

The Kingdom of Scotland was an independent state until 1 May 1707, when the Acts of Union resulted in a political union with the Kingdom of England to create the Kinodom of Great Britain. Scotland continues to constitute a separate state and jurisdiction in Public International Law. Scots law, the

Music

Main article: Music of Scotland

The Scottish music scene is a significant aspect of Scottish culture, with both traditional and modern influences. The most famous type of Scottish music is the bagpipes, a wind instrument consisting of one or more musical pipes which are fed continuously by a reservoir of air in a bag. The fiddle and accordion are also traditional Scottish instruments, heavily musicians from recent times include Andy Stewart, The featured in Scottish country dance bands. Fe

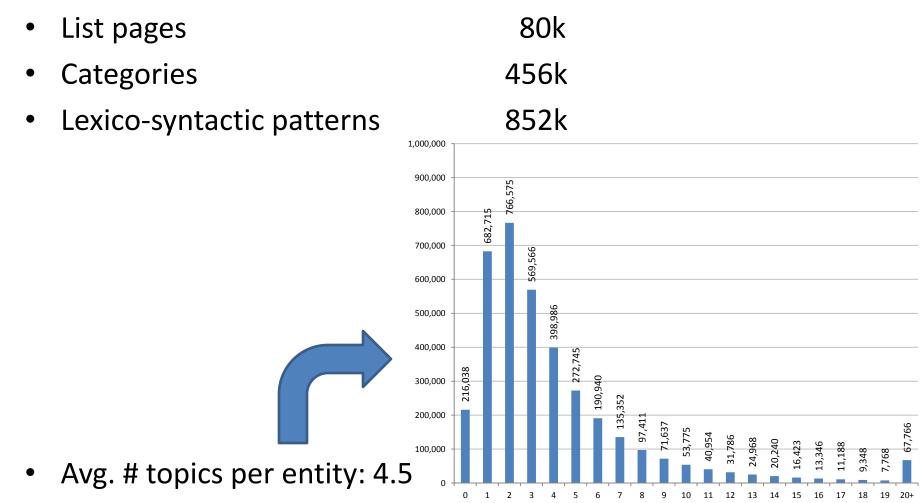
Corries and the contemporary Dougie MacL America, and became a major early influence

Dish ENUM_Scotland_Music_#1 vies of music there, for example co



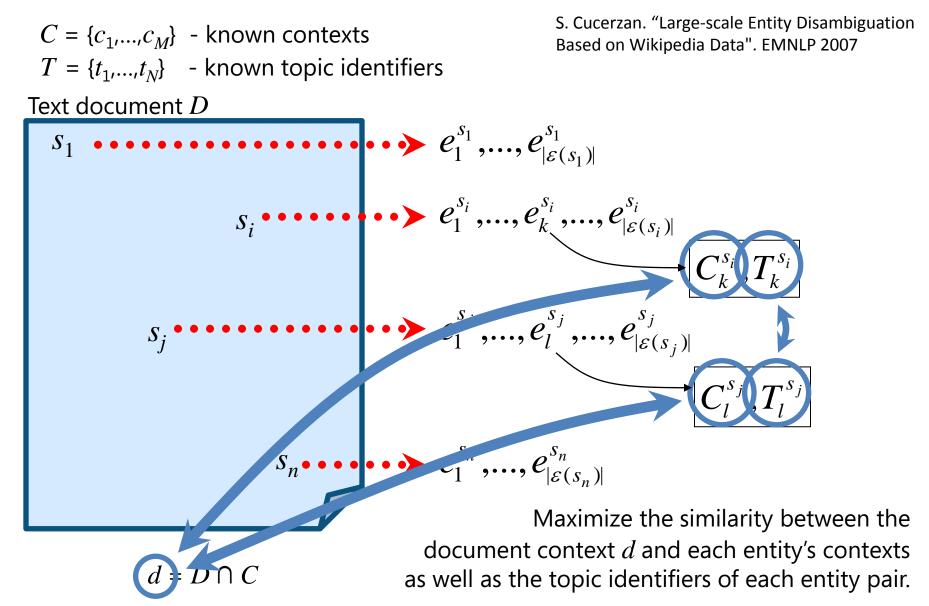
Modern Scottish pop music has produced many international ands including the Bay City Rollers, Primal Scream, Simple Minds, The Proclaimers, Deacon Blue, Texas, Franz Ferdinand, Belle and Sebastian, and Travis, as well as individual artists such as Gerry Rafferty, Lulu, Annie Lennox and Lloyd Cole, and world-famous Gaelic groups such as Runrig and Capercaillie. These have been joined by Gaelic punk bands such as Oi Polloi who give an ancient culture a new voice.

Topic Statistics



• Avg. # entities per topic: 12

Disambiguation - Intuition



Disambiguation - Intuition

S. Cucerzan. "Large-scale Entity Disambiguation Based on Wikipedia Data". EMNLP 2007

$$\underset{\substack{(e_1,\dots,e_n) \in \\ \varepsilon(\tau_1) : x : \varepsilon(s_n)}}{\arg \max} \beta \sum_{i=1}^n < C_{e_i}, d > + (1-\beta) \sum_{i=1}^n \sum_{\substack{j=1 \\ j \neq i}}^n < T_{e_i}, T_{e_j} >$$

$$\overline{d} = d \times \bigcup_{s \in S(D)} \bigcup_{e \in \varepsilon(s)} T_e$$

$$\underset{(e_1,\ldots,e_n)\in\varepsilon(s_1)\times\ldots\times\varepsilon(s_n)}{\arg\max}\sum_{i=1}^n < (\frac{\beta}{1-\beta}C_{e_i},T_{e_i}), \overline{d} - (0,T_{e_i}) >$$

$$\underset{e_i \in \varepsilon(s_i)}{\operatorname{arg\,max}} < (\frac{\beta}{1-\beta}C_{e_i}, T_{e_i}), \overline{d} > - \|T_{e_i}\|^2, i \in 1..n$$
topic tags of e_i

Topic Matching

<DOCID> eng-WL-11-174574-12934438 </DOCID> <DOCTYPE SOURCE="blog"> BLOG TEXT </DOCTYPE> <DATETIME> 2009-11-07T19:13:00 </DATETIME> <BODY> <HEADLINE> Maia Campbell In New Movie!! </HEADLINE> <TEXT> <POST> <POSTER> NYC Gossip Girl </POSTER> <POSTDATE> 2009-11-07T19:13:00 </POSTDATE> I guess all that praying and rehab is helping out Maia Campbell! Here she is in a new independent film alongside the likes of Ray J, LisaRaye, AZ and more. The movie is called " Envy " and will be out on DVD on November 10th. All I'm going to say to Ray J is.....keep your day job at VH1! Check out the movie trailer below: </POST> </TEXT> </BODY> </DOC>

AZ (rapper) – Categories: <u>1972 births</u> | <u>Living people</u> | <u>African American rappers</u> | <u>American rappers of Dominican Republic descent</u> | <u>American people of Dominican Republic descent</u> | <u>Aftermath Entertainment artists</u> | <u>Hispanic and Latino American rappers</u> | <u>Members of the Nation of</u> <u>Gods and Earths</u> | <u>Motown artists</u> | <u>People from Brooklyn</u> | <u>Rappers from New York City</u> | <u>Virgin Records artists</u> | <u>EMI Records artists</u> | <u>Underground rappers</u>

Maia Campbell – Categories: <u>Actors from Florida</u> | <u>African American actors</u> | <u>American child actors</u> | <u>American film actors</u> | <u>American television</u> <u>actors</u> | <u>People from Montgomery County, Maryland</u> | <u>1976 births</u> | <u>Living people</u> | <u>American screen actor</u>, <u>1970s birth stubs</u>

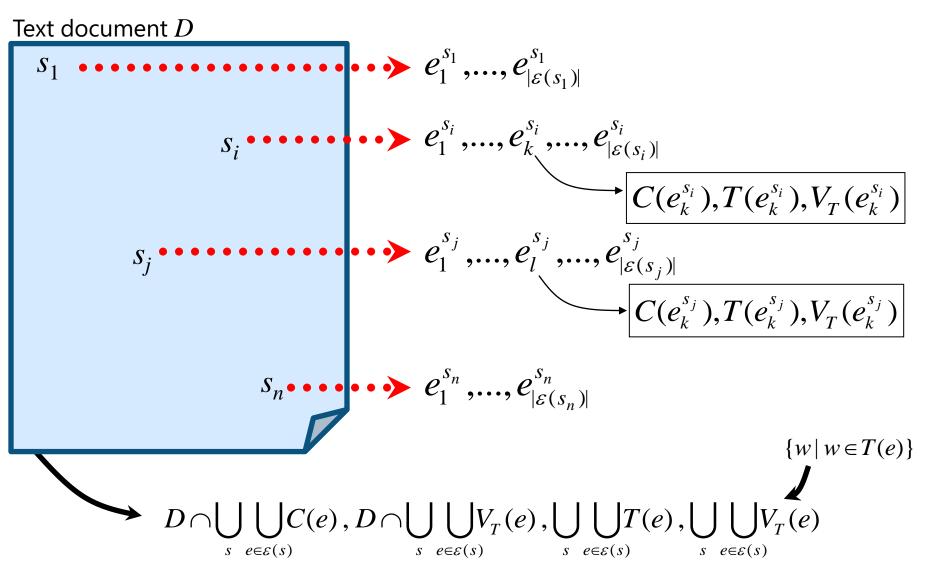
LisaRaye McCoy-Misick – Categories: <u>1967 births</u> | <u>Actors from Chicago</u>, <u>Illinois</u> | <u>American fashion designers</u> | <u>American film actors</u> | <u>A</u>

Ray J – Categories:1981 births | Living people | Actors from California | Actors from Mississippi | African American film actors | AfricanAmerican musicians | African American rappers | African American television actors | American male singers | American rhythm and bluessingers | American child actors | Atlantic Records artists | Musicians from California | Musicians from Mississippi | Participants in Americanreality television series | People from Los Angeles County, California | People from McComb, Mississippi | Rappers from Los Angeles, California

e.g.

Disambiguation Component

Text document D



Disambiguation Component $\underset{e_i \in \mathcal{E}(s_i)}{\operatorname{arg\,max}} \sum_{j=1..|F|} \beta_j \cdot f_j(e_i, \overline{D}), i \in 1..n$

Features:

- Wikipedia-based prior
- Context similarity with the document
- Topic-identifier similarity
- Topic-word similarity with the document
- Topic-word similarity
- Number of different surface forms in the document that lead to the same entity
- Acronym matching *
- String similarity
- Required context not found in the document
- Unlikely type of entity (music, movies, etc.) *

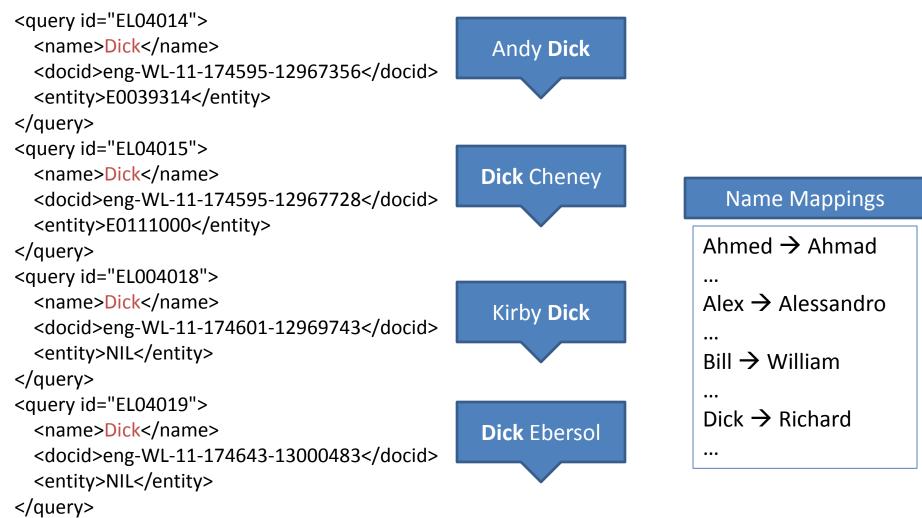
Training: Binary Labeled Examples

- Entity in the 2008 collection:
 - Label 1 for the correct disambiguation
 - Label 0 for all other possible disambiguations
- NIL entity
 - Label 0 for all possible disambiguations in the 2008 collection

Target Names vs. Surface Forms

- Perform full-document entity extraction and disambiguation, which includes coreference and partial name resolution
- Map the target string to one of the extracted entities by matching it against the extracted surface forms for the entities.

Coreference and Partial Name Resolution



Coreference \rightarrow positional and string matching heuristics to map shorter surface forms to longer surface forms labeled with the same entity type

Partial names \rightarrow use the complementary parts of the entities of the type person identified in the document to create disambiguation candidates

Coreference

Andy **Dick**

<query id="EL04014"> <name>Dick</name> <docid>eng-WL-11-174595-12967356</docid> <entity>E0039314</entity> </query> <query id="EL04015"> <name>Dick</name> <docid>eng-WL-11-174595-12967728</docid> <entity>E0111000</entity> </query> <query id="EL004018"> <name>Dick</name> <docid>eng-WL-11-174601-12969743</docid> <entity>NIL</entity> </query> <query id="EL04019"> <name>Dick</name> <docid>eng-WL-11-174643-13000483</docid> <entity>NIL</entity> </query>

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<HEADLINE> Vodka & amp; Red Bull Gives You ... Bad Mornings </HEADLINE> <TEXT> <POST>

<POSTER> ???? </POSTER>

<POSTDATE> 2005-06-04T18:51:00 </POSTDATE>

The jury in the Michael Jackson molestation trial deliberated for about 2 hours yesterday afternoon before recessing for the day ... they could come back with a verdict at any time now. But the really important thing to discuss is way that Janet Jackson looked when she showed up at court to support her brother yesterday:

Um, Janet has been packin' on the lbs. She still looks good but you can tell that she is getting big. Is it wrong to say that she is starting to look like one of the Klumps ?

Everyone is talking about how amazing Jessica Simpson looks in her new video These Boots are Made for Walking ... and while I will not deny that she looks absolutely killer I do feel it is my duty to point out one tiny little thing:

Er ... what is going on in there? Do we even want to know?

Yay! They are coming out with a David Beckham toy:

It looks fun to play with ... but I think I might prefer the real thing:

Oh c'mon, you know you would love to play with his ball too.

Who knew Andy Dick had a son?

Yeah, I feel bad for the kid ... can you imagine having a **Dick** for a dad?

Ashanti ... hahahaha ... I don't even know what to say ...

 \ldots she needs to take that wig back and get her \$20 back \ldots it's SOOOO horrible!!!

Coreference

Dick Cheney

<query id="EL04014"> <name>Dick</name> <docid>eng-WL-11-174595-12967356</docid> <entity>E0039314</entity> </query> <query id="EL04015"> <name>Dick</name> <docid>eng-WL-11-174595-12967728</docid> [...] <entity>E0111000</entity> </query> <query id="EL004018"> <name>Dick</name> <docid>eng-WL-11-174601-12969743</docid> <entity>NIL</entity> </query> <query id="EL04019"> <name>Dick</name> <docid>eng-WL-11-174643-13000483</docid> <entity>NIL</entity> </query>

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<HEADLINE> Turn That Frown Upside Down </HEADLINE>

<TEXT> <POST>

<POSTER> ???? </POSTER>

<POSTDATE> 2006-03-24T18:01:00 </POSTDATE>

Hmm ... I wonder what is going on with our dear Jake Gyllenhaal ... he's been lookin' mighty sad the past few days he's been out and about. Check out these pictures of Jake y poolooking all sad and stuff ... I wonder what it will take to get a smile on his face?

Parker Posey and Chris Kattan were on hand in NYC last night for the premiere of their new movie Adam & amp; Steve :

I love Parker so much! This movie doesn't sound that amazing but she is so damn funny I'll prolly check it out just because she's in it. I'm really excited to see her in Superman Returns this June. [Source, Source]

UGH ... Sharon Stone really needs to chill out with the over-the-topness she's been attempting lately ... check out these ridiculous pictures from the German premiere of Basic Instinct 2:

[...]

Rumors have been swirling lately that Paris Hilton and Stavros Niarchos were dunzo ... that she couldn't handle his Greekness and went back to her last boyfriend Paris Latsis (who is also Greek ... yeah ... I know). But check out this picture of Parisopolis looking all cozy while out shopping in LA:

[...]

TheSmokingGun.com has sniffed out the official tour rider for Vice President Cheney ... now we know what sorts of things the VP needs in his hotel suites to make him happy: As far as tour riders, this one isn't too bad (I think J. Lo has the most ridiculous rider I've ever seen altho, Mariah Carey's rider is pretty insane too). I love that all the TVs have to be tuned to Fox News ... so typical. Do you suppose **Dick** "accidentally" shoots people who forget to give him his 4 cans of Diet Caffeine Free Sprite ? [Source]

Coreference

<query id="EL04014">

- <name>Dick</name>
- <docid>eng-WL-11-174595-12967356</docid> <entity>E0039314</entity>
- </query>

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</query>

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</query>

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<name>Dick</name>

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<DOCID> eng-WL-11-174601-12969743 </DOCID> <DOCTYPE SOURCE="blog"> BLOG TEXT </DOCTYPE> <DATETIME> 2007-04-04T02:16:00 </DATETIME> <HEADLINE>

Netflix Review! THIS FILM IS NOT YET RATED (2006, dir. Kirby Dick)

</HEADLINE>

<TEXT> <POST>

<POSTER> Arden </POSTER>

<POSTDATE> 2007-04-04T02:16:00 </POSTDATE>

To quote another more successful documentary from 2006, "It's not so much a political issue as it is a moral issue..." The subject of this doc is the mysterious and fear-inspiring MPAA rating system. I got a call today at work from a producer who uttered the phrase "I just heard from the MPAA" with a pathetic quiver reminiscent of a child waking from the nightmare. Filmmaker Kirby Dick gives the hard-hitting expose structure a lighthearted touch that works to a degree but ultimately keeps any non-cinephile at a comfortable distance.

What is the MPAA? Who makes up the rating board? The appeals board? These questions and more are answered by the amiable **Dick** and a crafty P.I. named Becky who looks like the best 3rd grade gym teacher ever! It actually is a very CRUEL injustice that practically ever great filmmaker of the last 50 years has had to recut their film to avoid an "X" or "NC-17" in order to secure distribution in the United States. What the film doesn't answer and actually can't answer is exactly what criteria constitutes this rating. The whole rating process is shrouded in secrecy. The film does make some deductions that any cinephile probably already knows.

OK stuff: shooting people in the head. stabbing a woman in her fake breast. rapid gun fire with no blood. rape. NOT OK stuff: female orgasms. pubic hair. pouring spagetti all over your breasts. realistic depictions of war crimes. So... what's the result? Well, you get movies that promote video-game violence and discourage consensual sex. It's backwards. It's weird. We all agree. What the documentary strains to also point out is that it is indeed censorship. It's a bit of a violation of that ye olde first amendment. But the larger issue is that film is not considered art. It should be but it's not. It's a business.



Partial Name Resolution

```
<query id="EL04014">
  <name>Dick</name>
  <docid>eng-WL-11-174595-12967356</docid>
  <entity>E0039314</entity>
</query>
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  <entity>E0111000</entity>
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  <docid>eng-WL-11-174601-12969743</docid>
  <entity>NIL</entity>
</query>
<query id="EL04019">
  <name>Dick</name>
  <docid>eng-WL-11-174643-13000483</docid>
  <entity>NIL</entitv>
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<DOCID> eng-WL-11-174643-13000483 </DOCID> <DOCTYPE SOURCE="blog"> BLOG TEXT </DOCTYPE> <DATETIME> 2007-11-13T03:01:00 </DATETIME> <BODY> <HEADLINE> Susan Saint James & amp; Teddy Ebersol </HEADLINE> <TEXT> <POST> <POSTER> friend </POSTER> <POSTDATE> 2007-11-13T03:01:00 </POSTDATE> Picture (c) by Rakka from Flickr

She remembers her son Teddy Ebersol.

The actress and wife of NBC Sports chairman **Dick** talks about the 14-year-old's tragic death.

Dick Ebersol

"l would say right now we're looking at environmental factors and (aircraft) performance factors,―Arnold Scott said.

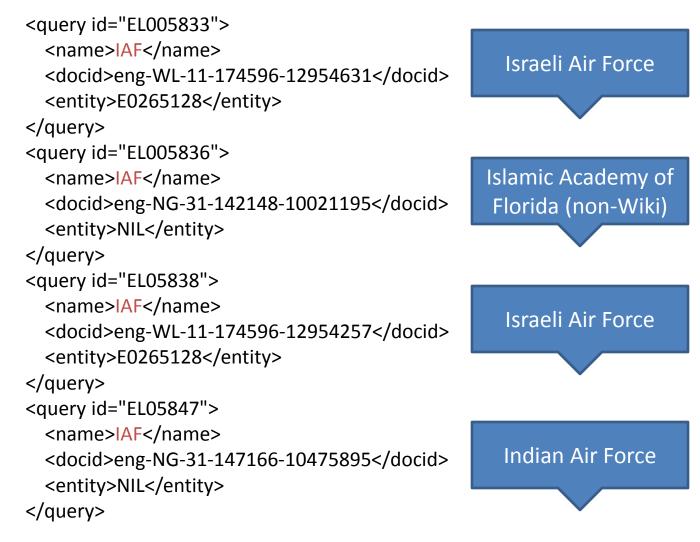
Dik Ebersol of sports Meets of NBS has told researchers, his diplomaed jet plane struggled only 20 ft in air before it has fallen back to a runway and has broken separately, officials of aircraft have told on Wednesday.

14-years son Edward Ebersol "Teddy" and two members of a team was killed, when the engine of twin CL-601 the Applicant has failed in easy snow, a fog and freezed temperatures in Montrose the Regional Airport on Sunday.

National researchers of Board of Safety of Transportation have told, that the plane has not removed ice before attempt of rise. (from news - 2004)

" Teddy was funny. The youngest one $\hat{a} \in {}^{+}_{1}$ he's just there, you know? And we had such a big family. We have five children. Teddy was kind of like $\hat{a} \in {}^{"}$ Teddy, come on, Teddy. Hurry up, Teddy. Quietly he developed this way of thinking that you would never know about, except the school he went to makes them write an autobiography. And so he wrote this autobiography. At the time $\hat{a} \in {}^{+}_{1}$ we read it found out things we didn't know about Teddy and how much we all meant to him as a family $\hat{a} \in {}^{"}$ one quote said something about, $\hat{a} \in {}^{\infty}$ On the road of life, the only person ahead of the love of your family is God. $\hat{a} \in {}^{\bullet}$ Saint James

More than 10% target names in TAC 2010 data.



<query id="EL005833"> <name>IAF</name> <docid>eng-WL-11-174596-12954631</docid> <entity>E0265128</entity> </query> <query id="EL005836"> <name>IAF</name> <docid>eng-NG-31-142148-10021195</docid> <entity>NIL</entity> </query> <query id="EL05838"> <name>IAF</name> <docid>eng-WL-11-174596-12954257</docid> <entity>E0265128</entity> </query> <query id="EL05847"> <name>IAF</name> <docid>eng-NG-31-147166-10475895</docid> <entity>NIL</entity> </query>

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Syria has not yet accepted a request by the International Atomic Energy Agency to visit the site bombed by the **IAF** on September 6, which Washington says was a nuclear reactor, Reuters reported Friday.

Israeli Air

Force

The news agency quoted diplomats in Vienna as saying that Damascus was stalling its approval of the UN delegation visit, demanding more details on the proposed inspection.

Syrian atomic energy chief Ibrahim Othman came to Vienna earlier this month to speak with IAEA head Mohamed ElBaradei on the matter, but the two did not agree on the timing or nature of a visit, diplomats said.

The agency received a letter from Syria several days ago asking for more details on the trip, one diplomat said. The IAEA has replied and is now waiting for Damascus's response, he added.

</POST> </TEXT>

Islamic Academy of Florida (?)

<query id="EL005833"> <name>IAF</name> <docid>eng-WL-11-174596-12954631</docid> <entity>E0265128</entity> </query> <query id="EL005836"> <name>IAF</name> <docid>eng-NG-31-142148-10021195</docid> <entity>NIL</entity> </query> <query id="EL05838"> <name>IAF</name> <docid>eng-WL-11-174596-12954257</docid> <entity>E0265128</entity> </query> <query id="EL05847"> <name>IAF</name> <docid>eng-NG-31-147166-10475895</docid> <entity>NIL</entity> </query>

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<POSTER> "DoD" <danskisan...@gmail.com> </POSTER> <POSTDATE> 2008-03-07T21:30:00 </POSTDATE>

This weekend, the University of South Florida (USF) and the town of Temple Terrace, a suburb of Tampa Bay, Florida, will once again be hosting the Muslim American Society's Olympics. Once again, the school known as Jihad U and the local area will be associating themselves with terrorism and radical Islam.

[...]

MAS-Tampa website has been purged of its hate and violence, USF didn't have a problem hosting the radical group when the material was up on the site in 2005 and 2006. But then again, radical Islam has become a normal occurrence at USF.

Sami Al-Arian arrived at USF in 1986. While there, he would create an entire infrastructure for Palestinian Islamic Jihad (PIJ), an organization that targets Israeli civilians with terrorist attacks. This PIJ network consisted of a charity, the Islamic Committee for Palestine (ICP) a.k.a. Islamic Concern Project; a think tank, World and Islam Studies Enterprise (WISE); and a children's school, the Islamic Academy of Florida (**IAF**). In the case of WISE, USF was a partner.

Ramadan Shallah, at the behest of Al-Arian, came to teach a political science course at USF, in 1991. He abruptly left town in 1995 and soon emerged in Damascus, Syria as the international head of PIJ, replacing the assassinated Fathi Shikaki.

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Israeli Air Force

Investigators from the International Atomic Energy Agency, which works under the auspices of the United Nations, have found traces of enriched uranium in Syria, a potential sign that the country had been attempting to develop a nuclear program, Reuters quoted diplomats familiar with the IAEA investigation as saying.

According to Monday's report, the uranium was discovered at the same site which was allegedly bombed by IAF jets in September 2007. Behind the scenes, Israel has reportedly been working to convince US and other Western officials of the legitimacy of the air strike, but the findings of the IAEA investigators provide the first independent confirmation that a nuclear program had indeed been in development.

The leaked information came shortly after the IAEA Director Mohamed ElBaradei announced he would release a formal, written report on the subject, Reuters reported. The IAFA had no immediate comment.

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Indian Air Force

<query id="EL005833"> <name>IAF</name> <docid>eng-WL-11-174596-12954631</docid> <entity>E0265128</entity> </query> <query id="EL005836"> <name>IAF</name> <docid>eng-NG-31-142148-10021195</docid> <entity>NIL</entity> </query> <query id="EL05838"> <name>IAF</name> <docid>eng-WL-11-174596-12954257</docid> <entity>E0265128</entity> </query> <query id="EL05847"> <name>IAF</name> <docid>eng-NG-31-147166-10475895</docid> <entity>NIL</entity> </query>

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<POSTDATE> 2008-01-24T13:19:53 </POSTDATE>
Take care of your parents!! *THEY ARE PRECIOUS*
This was narrated by an IAF pilot to IIT students during a Seminar
on Human Relations:

<DOCID> eng-NG-31-147166-10475895 </DOCID>

Venkatesh Balasubramaniam (who works for IIT) describes how his gesture of booking an air ticket for his father, his maiden flight, brought forth a rush of emotions and made him (Venkatesh) realize that how much we all take for granted when it comes to our parents. My parents left for our native place on Thursday and we went to the airport to see them off. In fact, my father had never traveled by air before, so I just took this opportunity to make him experience the same. In spite of being asked to book tickets by train, I got them tickets on Jet Airways. The moment I handed over the tickets to him, he was surprised to see that I had booked them by air. The excitement was very apparent on his face, waiting for the time of travel. Just like a school boy, he was preparing himself on that day and we all went to the airport, right from using the trolley for his luggage, the baggage check-in and asking for a window seat and waiting restlessly for the security check-in to happen. He was thoroughly enjoying himself and I, too, was overcome with joy watching him experience all these things.

As they were about to go in for the security check-in, he walked up to me with tears in his eyes and thanked me. He became very emotional and it was not as if I had done something great but the fact that this meant a great deal to him.

Web / Search data: israeli air force

IAF

international association of facilitators institute for alternative futures industrial areas foundation international accreditation forum inter american foundation israel air force integrated architecture framework intelligent audio file iragi accordance front inspired art fair international astronautical federation international advertising festival indian air force islamic action front infrastructure assessment framework industrial air filtration international apparel federation islamic academy of florida integration adapter framework international of anarchist federations inject a floor international academy of flint

Wikipedia – June 2011 extract: IAF (disambiguation) Israeli Air Force Indian Air Force Indonesian Air Force International Accreditation Forum International Astronautical Federation Islamic Action Front



restrict the candidate space to only acronym expansions present in the target document

A. Jain, S. Cucerzan, and S. Azzam. "Acronym-Expansion Recognition and Ranking on the Web". IEEE-IRI 2007

Other Subtasks

- Truecasing of titles and other capitalized content
- Concept boundary detection
- Topic segmentation / relevant context identification
- Resolving conflicting disambiguations (within a document)
- NIL prediction
- NIL clustering (only based on Wikipedia 2011 and exact surface form matching)

Submitted System Performance

- 2010 data:
 - Training

A = 89.93%

Ent: 90.6% NIL: 88.3%

- Test

A = 89.96%

Ent: 87.3% NIL: 92.2%

• 2011 official run:

F_{B-cubed+} = 0.841 A = 86.8%

Conclusion

- full entity analysis of a target document by modeling it in the space of Wikipedia-derived topics and contexts of all candidate entity disambiguations for all surface forms extracted from the target document
- empirical results obtained on the test set suggest that this system is achieving current state-of-the-art entity linking performance