What does it mean to be an item?

What does it mean to be an attribute?
1. Who is this visualization for?

2. How does it help them?
Lexical
Xhrdna asdf nkrwub.

Syntactical
Cats into swam.

Semantic
The puddle farts Paris.

Logical
He shaved a bicycle.
Lexical
Xhrdna asdf nkrwub.

Syntactical
Cats into swam.

Semantic
The puddle farts Paris.

Logical
He shaved a bicycle.
Lexical
Xhrdna asdf nkrwub.

Syntactical
Cats into swam.

Semantic
The puddle farts Paris.

Structural
Lexical
Xhrdna asdf nkrwub.

Syntactical
Cats into swam.

Semantic
The puddle farts Paris.

Structural
young confessor" (237.11)—an obvious reference to Joyce's brother, Stanislaus—they comment, "You have not brought sink-
ing members into the house of Amani. Elleb Inum, Titep Notep,
we name them to the Hall of Honour" (237.25-27). The setting is
unmistakably Egyptian, but the subject is love. Amani is Italian
for lovers, but the house of Amani is also a pun for the Egyptian
Amani, the Book of the Dead. Death and Love are synonymous in
the Tristan Legend, particularly in Wagner's operatic version
where the "love-death" aria begins "Mild and lone”—"locally
known as Mildew Lisa" (40.17) or "mild Aunt Lisa" (388.4).
The mock-Egyptian nonsense syllables Elleb Inum, Titep Notep
add to the setting and assure that the Amani significance is not
overlooked, but they can also be read backward as belle ma.
petit pote—beautiful hands, small feet—which Mason reminds
us characterizes Joyce's brother, but which Kevin Sullivan credits
as a characteristic of Joyce himself.

The extent to which Joyce can control the poetic medium uti-
lizing the pun for an artistic balance can be seen in such tightly
constructed episodes as that of "Jarl van Hooher and the
Prackequean" (31.33). The tale is told in a three-part form cover-
ing the three arrivals of the pirates at the castle of the jarl, yet
the balance is disproportionate since the first states all the themes
for the tale, the second is compressed for heightened action, and
the third is expanded to include the new turns of events. The three
events of the riddle provide the perfect balance, forming the frame
for the story: "Mark the Wans, why do I am shock alike a poss of
porterpoese?" (21.18-19). Mark the Wans becomes "Mark the
Twy" (22.5) and then the "Tris" (22.29), and the riddle asks
about "two poss" and then "three" as it progresses. (In the third
instance, porter poese splits from the monolithic porterpoese.)
When the jarl is first seen, he "had his burnt head high up in his
lamhouse" (21.10)—he is the giant of Vico's first stage as well
as the lighthouse on the Hill of Howth. But the second introd-
ce of van Hooher finds him with "his bareholobruned heels
drowned in his cellarmalt" (21.25)—prehistoric man having

Tokenization
young confessor” (237.11)—an obvious reference to Joyce's brother, Stanislaus—they comment, "You have not brought singing members into the house of Amanti. Elleb Inam, Titef Notep, we name them to the Hall of Honour" (237.25-27). The setting is unmistakably Egyptian, but the subject is love. Amanti is Italian for lovers, but the house of Amanti is also a pun for the Egyptian Amanti, the Book of the Dead, Death and Love are synonymous in the Tristan Legend, particularly in Wagner's operatic version where the "love-death" aria begins "Mild and loose"—"locally known as Mildew Lisa" (40.17) or "mild aunt Lisa" (388.4). The mock-Egyptian nonsense syllables Elleb Inam, Titef Notep add to the setting and assure that the Amanti significance is not overlooked, but they can also be read backward as belle mani, pietra petra—beautiful hands, small feet—which Mason reminds us characterizes Joyce's brother, but which Kevin Sullivan credits as a characteristic of Joyce himself.

The extent to which Joyce can control the poetic medium utilizing the pun for an artistic balance can be seen in such tightly constructed episodes as that of "Jarl van Hoother and the Prackquair" (21-23). The tale is told in a three-part form covering the three arrivals of the pirates at the castle of the jarl, yet the balance is disproportionate since the first states all the themes for the tale, the second is compressed for heightened action, and the third is expanded to include the new turns of events. The three events of the riddle provide the perfect balance, forming the frame for the story: "Mark the Wans, why do I am ahoik aike a poss of porternoise?" (21.12-15). Mark the Wans becomes "Mark the Twy" (21.15) and then the "Tris" (21.29), and the riddle asks about "two posy" and then "three" as it progresses. (In the third instance, porternoise splits from the monolithic porternoise.) When the jarl is first seen, he "had his burnt head high up in his lamphouse" (21.10)—he is the giant of Vico's first stage as well as the lighthouse on the Hill of Howth. But the second introduction to van Hoother finds him with "his baref托管bruised heels drowned in his cellarmalt" (21.25)—prehistoric man having
young confessor” (237.11)—an obvious reference to Joyce’s brother, Stanislaus—they comment, “You have not brought sinking members into the house of Amanti. Elleb Inam, Titep Notep, we name them to the Hall of Honour” (237.25-27). The setting is unmistakably Egyptian, but the subject is love. Amanti is Italian for lovers, but the house of Amanti is also a pun for the Egyptian Amanti, the Book of the Dead. Death and Love are synonymous in the Trismam Legend, particularly in Wagner’s operatic version where the “love-death” aria begins “Mild and lose”—“locally known as Mildew Lisa” (40.17) or “mild aunt Lisa” (388.4). The mock-Egyptian nonsense syllables Elleb Inam, Titep Notep add to the setting and assure that the Amanti significance is not overlooked, but they can also be read backward as belle mami, petit pêter—beautiful hands, small feet—which Mason reminds us characterizes Joyce’s brother, but which Kevin Sullivan credits as a characteristic of Joyce himself.

The extent to which Joyce can control the poetic medium utilizing the pun for an artistic balance can be seen in such tightly constructed episodes as that of “Jarl van Hooter and the Prakkeuest” (21-23). The tale is told in a three-part form covering the three arrivals of the pirates at the castle of the jarl, yet the balance is disproportionate since the first states all the themes for the tale, the second is compressed for heightened action, and the third is expanded to include the new turns of events. The three events of the riddle provide the perfect balance, forming the frame for the story: “Mark the Wars, why do I am akue alike a poss of porterpea?” (21.18-19). Mark the Wars becomes “Mark the Twy” (22.5) and then the “Tris” (22.29), and the riddle asks about “two poss” and then “three” as it progresses. (In the third instance, porter pease splits from the monolithic porterpease.) When the jarl is first seen, he “had his burnt head high up in his lamhouse” (21.10)—he is the giant of Vico’s first stage as well as the lighthouse on the Hill of Howth. But the second introduction to van Hooter finds him with “his bareholobruned heels drowned in his cellarnait” (21.25)—prehistoric man having

Remove stop words
and the of by to on
Remove punctuation
People people people? people.
but not....
U.S.A. J.D. Salinger

Entities and phrases
San Francisco on fleek

Stemming
visualization visually visuals
goes went gone go
The 2007 State of the Union Address

Over the years, President Bush's State of the Union address has averaged almost 5,000 words each, meaning the the President has delivered over 34,000 words. Some words appear frequently while others appear only sporadically. Use the tools below to analyze what Mr. Bush has said.

Use of the phrase "Iraq" in past State of the Union Addresses

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Compared with other words

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<td>18</td>
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</table>

*As a newly elected president, Mr. Bush did not deliver a formal State of the Union address in 2001. His Feb. 27 speech to a joint session of Congress was analogous to the State of the Union, but without the title.

-- 2002 (Paragraph 29 of 67)

The word in context

IRAQ continues to thwart its hostility toward America and to support terror. The Iraqi regime has plotted to develop anthrax and nerve gas, and nuclear weapons for over a decade. This is a regime that has already used poison gas to murder thousands of its own citizens -- leaving the bodies of mothers huddled over their dead children. This is a regime that agreed to international inspections -- then kicked out the inspectors. This is a regime that has something to hide from the civilized world.
young confessor” (237.11)—an obvious reference to Joyce’s brother, Stanislaus—they comment, “You have not brought singing members into the house of Amanti. Elieb Inam, Titeb Notep, we name them to the Hall of Honour” (237.25-27). The setting is unmistakably Egyptian, but the subject is love. Amanti is Italian for lovers, but the house of Amanti is also a pun for the Egyptian Amanti, the Book of the Dead, Death and Love are synonymous in the Tristan Legend, particularly in Wagner’s operatic version where the “love-death” aria begins “Mild and love”—“locally known as Mildew Lisa” (40.17) or “mild aunt Lisa” (388.4). The mock-Egyptian nonsense syllables Elieb Inam, Titeb Notep add to the setting and assure that the Amanti significance is not overlooked, but they can also be read backward as belle mère, petit père—beautiful hands, small feet—which Mason reminds us characterizes Joyce’s brother, but which Kevin Sullivan credits as a characteristic of Joyce himself.

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Whose are the fathers, and of whom as concerning the flesh Christ came, who is over all, God blessed for ever. Amen.
answers = {}; buildData(workbook); buildLegend(); populateSearch(); indexData(); HandleSort();

reader.readAsBinaryString(f);

function buildLegend()
{
    var legendSize = glyphSize;
    var svg = d3.select("#legend");

    // False Negatives
    svg.append('circle').attr('cx', legendSize / 2).attr('cy', legendSize / 2).attr('r', legendSize / 2).attr('fill', '#A9A9A9');
    svg.append('text').attr('x', legendSize / 2 + 10).attr('y', legendSize - 1).attr('fill', 'White').attr('font-family', 'sans-serif').attr('font-size', '12px').text('Total False Negatives');

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FR88513-0157

AP: Groups Seek $1 Billion a Year for Aging Research

SJMN: WOMEN’S HEALTH LEGISLATION PROPOSED CI

AP: Older Athletes Run For Science

FR: Committee Meetings

FR: October Advisory Committees; Meetings

FR88120-0046

FR: Chronic Disease Burden and Prevention Models; Program A

AP: Survey Says Experts Split on Diversion of Funds for AIDS

FR: Consolidated Delegations of Authority for Policy Development

SJMN: RESEARCH FOR BREAST CANCER IS STUCK IN P
They very soon came upon a Gryphon lying fast asleep in the sun.
Remove stop words and the of by to on.

Remove punctuation.

People, people, people? people, but not...

U.S.A. J.D. Salinger

Entities and phrases
San Francisco on fleek

Stemming
visualization visually visuals

goes went gone go
1. Who is this visualization for?

2. How does it help them?
• Misleading size encodings

• Unstable layout

• Sub-optimal size comparisons

• Lose text structure
Clinton 1997

Obama 2009
expensive or cheap? sushi

wait

“long wait” or “no wait”? what type of sushi roll?
Lexical
Xhrdna asdf nkrwub.

Syntactical
Cats into swam.

Semantic
The puddle farts Paris.

Structural
Lexical
Xhrdna asdf nkrwub.

Syntactical
Cats into swam.

Semantic
The puddle farts Paris.

Structural
The grand jury commented on a number of other topics.
possess sage of the halos wisdom, and know in advance sushi zone only accepts cash and the waits will be long and arduous.

yes, it's a long wait, learn the master of zen if you want to eat here.

we came here early to try to avoid the long wait most people here talk about.
these truths to be self-evident, that all men are created equal, that they are endowed by their creator with certain unalienable rights
to life, liberty, and the pursuit of happiness. That to secure these rights, governments are instituted among men, deriving their just powers from the consent of the governed.

We hold these truths to be self-evident, that all men are created equal, that they are endowed by their creator with certain unalienable rights, that among these are life, liberty, and the pursuit of happiness. That to secure these rights, governments are instituted among men, deriving their just powers from the consent of the governed.

We, therefore, the representatives of the United States of America, in Congress assembled, appealing to the supreme judge of the world, do mutually pledge to each other our lives, our fortunes, and our sacred honor.
i have a dream that one day

...
The grand jury commented on a number of other topics.
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<td>That my own heart</td>
<td>drifts and cries, having no...</td>
<td>Deep Analysis...</td>
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<td>By the shout of the</td>
<td>heart heart continually at work</td>
<td>And the wave...</td>
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<tr>
<td>Nothing to adapt the skill of the heart</td>
<td>heart to, skill</td>
<td>And the wave...</td>
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<td>The tread, the beat of it, it is own heart</td>
<td>heart</td>
<td>Träumerei...</td>
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<td>Because I follow it to my own heart</td>
<td>heart</td>
<td>Many famous...</td>
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<td>My heart is ticking like the sun:</td>
<td>I am washed up</td>
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<td>The vague heart sharpened to a candid co...</td>
<td>The March Pa...</td>
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<tr>
<td>Contract my heart by looking out of date.</td>
<td>Lines on a Yo...</td>
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<tr>
<td>Having no heart to put aside the theft</td>
<td>Home is Se...</td>
<td></td>
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<td>And the boy puking his heart out in the Gents</td>
<td>Essential Bea...</td>
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<td>A harbour for the heart against distress.</td>
<td>Bridge for the...</td>
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<td>These I would choose my heart to lead</td>
<td>After-Dinner R...</td>
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<td>Time in his little cinema of the heart</td>
<td>Time and Spa...</td>
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<td>A Stone Church...</td>
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<td>Hands that the heart can govern</td>
<td>Heaviest of flo...</td>
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<td>If hands could free you,</td>
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<td>That overflows the heart</td>
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<td>Pour away the</td>
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Context sort: Asc occurrence order
Lexical
Xhrdna asdf nkrwub.

Syntactical
Cats into swam.

Semantic
The puddle farts Paris.

Structural
Lexical
Xhrdna asdf nkrwub.

Syntactical
Cats into swam.

Semantic
The puddle farts Paris.

Structural
Effective statistical models for syntactic and semantic disambiguation

Student: Kristina Nikolova Toutanova
Advisor: Christopher D. Manning

Computer Science (2005)

Keywords: Syntactic, Semantic, Tree kernels, Parsing

Abstract:

This thesis focuses on building effective statistical models for disambiguation of sophisticated syntactic and semantic natural language (NL) structures. We advance the state of the art in several domains by (i) choosing representations that encode domain knowledge more effectively and (ii) developing machine learning algorithms that deal with the specific properties of NL disambiguation tasks—sparsity of training data and large, structured spaces of hidden labels. For the task of syntactic disambiguation, we propose a novel representation of parse trees that connects the words of the sentence with the hidden syntactic structure in a direct way. Experimental evaluation on parse selection for a Head Driven Phrase Structure Grammar shows the new representation achieves superior performance compared to previous models. For the task of disambiguating the semantic role structure of verbs, we build a more accurate model, which captures the knowledge that the semantic frame of a verb is a joint structure with strong dependencies between arguments. We achieve this using a Conditional Random Field without Markov independence assumptions on the sequence of semantic role labels. To address the sparsity problem in machine learning for NL, we develop a method for incorporating many additional sources of information, using Markov chains in the space of words. The Markov chain framework makes it possible to combine multiple knowledge sources, to learn how much to trust each of them, and to chain inferences together. It achieves large gains in the task of disambiguating prepositional phrase attachments.
Look away, Justin! Bieber’s teen girlfriend Sofia Richie is spotted with handsome man as they leave West Hollywood dinner. Sofia Richie has been dating Justin Bieber for one month. But on Wednesday evening the 18-year-old model was spotted in the company of another handsome man. Sep 1, 2016

Justin Bieber’s girlfriend Sofia Richie spotted with man as they leave a ... www.dailymail.co.uk/.../Justin-Bieber-s-teen-girlfriend-Sofia-Richie-spotted-handsome...

Justin Bieber and girlfriend Sofia Richie put on another steamy PDA ... https://www.thesun.co.uk/.../justin-bieber-and-girlfriend-sofia-richie-put-on-another-stea... Sep 1, 2016 - JUSTIN Bieber and his girlfriend Sofia Richie clearly can’t get enough of each other.

Is Sofia Richie Justin Bieber’s New Girlfriend - Justin Bieber May Be ... www.comopolitan.com/entertainment/.../sofia-richie-facts-justin-bieber-new-girlfriend... Aug 15, 2016 - Over the past few days, Justin Bieber has sparked rumors model Sofia Richie is his new girlfriend — and Beliebers are totally freaking out.

Justin Bieber’s girlfriend Sofia Richie spotted with man as they leave a ... www.dailymail.co.uk/.../Justin-Bieber-s-teen-girlfriend-Sofia-Richie-spotted-handsome...

Justin Bieber’s girlfriend Sofia Richie says they have a ‘special ... - Mirror www.mirror.co.uk/ 3am - Celebrity News - Justin Bieber
Sep 8, 2016 - Sofia Richie has revealed she has a “special relationship” with Justin Bieber, which can be “hard to find” in their world. The daughter of iconic ...

Lexical
Xhrdna asdf nkrwub.

Syntactical
Cats into swam.

Semantic
The puddle farts Paris.

Structural
Lexical
Xhrdna asdf nkrwub.

Syntactical
Cats into swam.

Semantic
The puddle farts Paris.

Structural
'Twas the Night Bbefore Christmas: A Visi
by Clement Clarke Moore (1779-1863)

'Twas the night before Christmas, when all through the house
-Not a creature teacher was stirring, not even a mouse spouse.
-The stockings were flung hung by the chimney with care I swear,
In hopes that St Nicholas Nick soon would be thereis on Medicare.

The children were nestled all snug in the sheir beds,
While millions visions of beanie babies sugar plums danced in-on their sledheads.
And mamma in her spurs kerchief, and I in my chapsesp, 
Had just settled a quarrel over reggae or rapour brains for a long winter's nap.
Revisions of '/Text-TagTemplate/TagTemplate.pm'

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<td>1.13</td>
<td></td>
<td>5/11/04 12:38 AM</td>
<td>matisse</td>
<td>Bumped version to 1.81</td>
</tr>
<tr>
<td>1.12</td>
<td></td>
<td>5/11/04 12:34 AM</td>
<td>matisse</td>
<td>Suppressed warnings when replacement stin</td>
</tr>
<tr>
<td>1.11</td>
<td></td>
<td>5/10/04 7:58 PM</td>
<td>matisse</td>
<td>Increased version number to 1.8</td>
</tr>
<tr>
<td>1.10</td>
<td></td>
<td>12/2/03 8:41 AM</td>
<td>matisse</td>
<td>Changed version number to 1.7 because CP</td>
</tr>
<tr>
<td>1.9</td>
<td></td>
<td>11/20/03 2:27 PM</td>
<td>matisse</td>
<td>Fixed VERSION in perldoc. (Set to 1.6.1)</td>
</tr>
</tbody>
</table>

Workspace file: TagTemplate.pm

```perl
# Loop until we have replaced all the tags.
my $regex = $self->tag_pattern();
while ( $string =~ /<$regex>/g ) {
  my $contents = $1;
  my $q_contents = quotemeta $contents;
  my $o_contents = $contents;  # preserve in case we're
  # Remove leading and trailing whitespace.
  $contents =~ s/^\s+//;
  $contents =~ s/\s+$//;
  # Remove whitespace in quoted values.
  $contents =~ s/"([^\"]*)"/\$q_contents/g;
  $contents =~ s/\%/\#/g;
  $contents =~ s/\$\d+/\$0/g;
  $contents =~ s/\$\w+//;
  $contents =~ s/\$\w+/\$0/g;
  $contents =~ s/\$\d+/\$0/g;
  $contents =~ s/\$\w+/\$0/g;
  $contents =~ s/\$\d+/\$0/g;
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  $contents =~ s/\$\d+/\$0/g;
  $contents =~ s/\$\w+/\$0/g;
  $contents =~ s/\$\d+/\$0/g;
  $contents =~ s/\$\w+/\$0/g;
  $contents =~ s/\$\d+/\$0/g;
  $content
```
Animated Traces:

https://fathom.info/traces/
This is a visualization method for seeing the evolution of a document over time. Currently it is meant as a tool for exploratory data analysis in the WikiProject; we ourselves are the target audience. However it would be interesting to develop it further. In particular, it seems possible that it would be useful for looking at the evolution of other documents.

Example: the evolution of the page on "Abortion" on the wikipedia through several dozen version. (this is real data)
Time goes left-to-right; document position is on the y-axis; each "streak" is a piece of text that remains the same from version to version.
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Gary King (political scientist)

Wikipedia

and has taught there since. To date, he has authored or coauthored seven books (six published and one forthcoming) and nearly 200 journal articles and book chapters.

He currently teaches the course Government 2001: Advanced Quantitative Methodology and Political Inference at Harvard University. There is a lot of work in that class and we’re really screwed.

Selected publications


References

I'm testifying at the Congressional hearing and Danovich is covering ERC. I think Jeff's comments were taken out of context. He said policymakers do need to take care of small customers whose bills are tripling. Frankly, we'd get slaughtered if we said anything else. But he also said there is a right way and a wrong way to do it.

Enron and others had provided a market-based answer by offering a fixed price deal to SRPGEES which would have enabled them to cap rates to those who had not switched. California elected instead to cap rates and deficit spend (ie, create a deferral account). I don't think we can stand for anything that doesn't protect the small customers, but we can continue to emphasize the market-based solutions. One of the messages in my testimony will be: customers should be encouraged to choose. Those who did are doing fine.
Lexical
Xhrdnaasdfnkrwub.

Syntactical
Cats into swam.

Semantic
The puddle farts Paris.

Structural