

Indexing Report

Name: Jianing Liu

1. steps of PageRank process and tools:

- Use JSoup in a Java program to extract links from download webpages, for each webpage, extract its outgoing links. Store the links in a file called “edgelist”.
- Use NetworkX library and the “edgelist” file as the input of a Python program to create a NetworkX graph. And use this graph to compute the pageRank score.
 - I use default read_edgelist method to create an **undirected** graph.
 - initial configuration of pageRank algorithm:

```
alpha=0.85
personalization=None,
max_iter=30
tol=1e-06
nstart=None,
weight='weight'
dangling=None
```
 - Output: a dictionary of graph nodes with corresponding PageRank scores called “external_pageRankFile” like <id>=<score> .
 - Put it in /.../solr-6.2.1/server/solr/latimes_huffington/data/
- Add fields in managed-schema which refers to the score.
- Modify solrconfig.xml to access the pageRank file (eventListener)
- reload the index

2. for every query, return the top 10 results produced by two methods and a graph showing the amount of overlap.

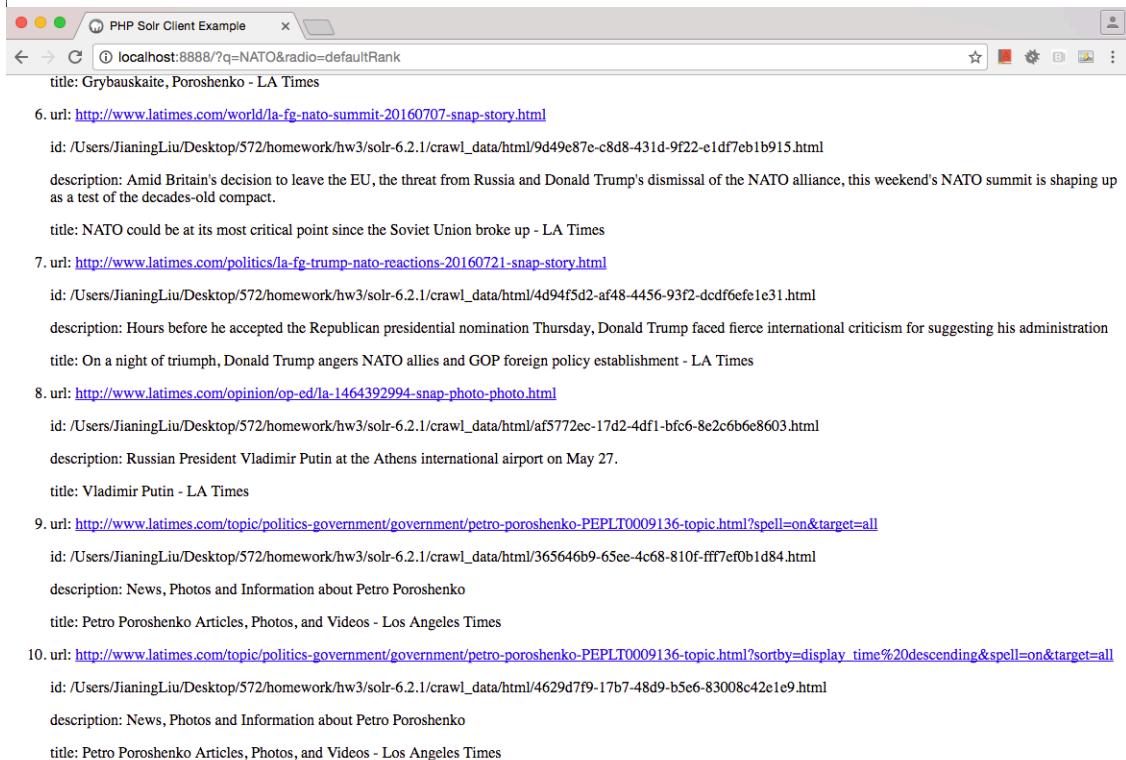
Q1. NATO

Default:



Results 1 - 10 of 127:

1. url: <http://www.latimes.com/world/europe/la-fg-russia-nato-nuclear-threat-20150507-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/af85253e-e161-41b6-9125-b3a4014152e8.html
description: NATO signals to Russia that the alliance is ready to defend its Eastern European members against Kremlin threats.
title: NATO military exercises aim to send message of resolve to Russia - LA Times
2. url: <http://www.latimes.com/world/europe/la-fg-ukraine-russia-nato-20150527-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/94ead1db-a605-4733-977c-fd9b38631b03.html
description: Casualties mount in eastern Ukraine as NATO officials assure Kiev leadership of support for path to membership
title: NATO discusses membership path with Ukraine as fighting continues - LA Times
3. url: <http://www.latimes.com/world/europe/la-fg-ukraine-russia-nato-aid-20140807-001-photo.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/88442f0f-bd5d-4dad-b438-982efecce2f2.html
description: A Thursday meeting in Kiev between NATO chief Anders Fogh Rasmussen, right, and Ukrainian President Petro Poroshenko, middle left, in this photo provided by the presidential press service.
title: Ukraine-NATO - LA Times
4. url: <http://www.latimes.com/visuals/video/la-fg-vn-kerry-urges-nato-states-to-fight-islamic-state-militants-20151202-embeddedvideo.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/253bb8e1-b7fb-40d5-9664-1e5c0f372ca2.html
description: Secretary of State John Kerry said on Wednesday that NATO members stood ready to step up military efforts against the Islamic State and held out hope of broadening cooperation between the West and Russia to end Syria's protracted civil war. (Dec. 2)
title: Kerry urges NATO states to fight Islamic State militants - LA Times
5. url: <http://www.latimes.com/world/europe/la-fg-ukraine-nato-referendum-20141124-001-photo.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/c47c6acd-381a-41c8-bce4-02ad6c3bdf8e.html
description: Ukrainian President Petro Poroshenko, right, with President Dalia Grybauskaite of NATO-member Lithuania at a Kiev news conference where he said that whether Ukraine joins the Western military alliance will be decided by voters years from now.
title: Grybauskaite, Poroshenko - LA Times



pageRank:



Results 1 - 10 of 127:

1. url: <http://www.huffingtonpost.com/syndication/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/bbe42339-e19e-4df3-893e-85914e90c49d.html
title: RSS / XML
2. url: <http://www.huffingtonpost.com/news/afghanistan-war-blog/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e1718ff1-29db-4157-a4c6-6a9d6af24b9e.html
description: Big News on Afghanistan War Blog. Includes blogs, news, and community conversations about Afghanistan War Blog.
title: Afghanistan War Blog: Pictures, Videos, Breaking News
3. url: <http://www.latimes.com/topic/business/economy/european-union-ORGVO000067-topic.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/042d081e-6348-4a2b-8b2b-df86606d97b9.html
description: News, Photos and Information about European Union
title: European Union Articles, Photos, and Videos - Los Angeles Times
4. url: <http://www.latimes.com/world/europe/la-fg-brussels-airport-explosion-20160322-story>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/6f49f4ad-06cb-4174-b283-bc5783c80a7f.html
description: Just days after a suspect in last year's Paris attacks was taken into custody, another set of coordinated assaults was launched on a city that serves as the de
title: Hunt is on for Brussels bombings suspect; Islamic State warns of more, worse attacks - LA Times
5. url: <http://www.latimes.com/topic/unrest-conflicts-war/islamic-state-ORCIG000120-topic.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/6004b862-d3f8-439b-9b13-b4b314cabedf.html
description: News, Photos and Information about Islamic State
title: Islamic State Articles, Photos, and Videos - Los Angeles Times
6. url: <http://www.latimes.com/world/europe/la-fg-us-turkey-think-tank-coup-20160809-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/78d8f4a7-5c9a-47f9-a246-9eb9e31c1e01.html
description: Bespectacled and slightly balding, Washington academic Henri J. Barkey hardly appears the type to mastermind political revolt and foreign intrigue.
title: Did a U.S. think tank sponsor a military coup? Turkey thinks so. - LA Times
7. url: <http://www.latimes.com/world/middleeast/la-fg-syria-cease-fire-analysis-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e5477102-8267-43e7-92a7-cfa167b9d44d.html
description: What does the cease-fire in Syria mean to President Bashar Assad, whose opponents say has attacked his own people and destroyed the country to maintain power.
title: The Syria cease-fire, the rebels and the government of President Bashar Assad - LA Times
8. url: <http://www.latimes.com/opinion/op-ed/la-oe-boot-republicans-in-exile-20160508-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/ecf3b267-3fd1-4386-a037-d2bf89a6cd4d.html
description: I have been a Republican as long as I can remember. Joining the Grand Old Party seemed like a natural choice for someone like me who fled the Soviet Union as
a
title: The Republican Party is dead - LA Times
9. url: <http://www.latimes.com/politics/la-na-pol-donald-trump-convention-speech-transcript-20160721-snap-htmlstory.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e25ef97c-aa16-4608-abf7-d212c68701ff.html
description: The staff of the L.A. Times annotates Donald Trump's RNC acceptance speech.
title: Donald Trump's complete convention speech, annotated - LA Times
10. url: <http://www.latimes.com/world/asia/la-fg-china-obama-20160904-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/f3a39401-ce42-413f-9caa-245bdac38216.html
description: President Obama's final appearance at the Group of Twenty summit has been a complicated waltz of diplomacy with an array of difficult partners. Sunday, Syria
dominated.
title: In China, Obama struggles for elusive deal with Russia on Syria - LA Times

number of overlap: 0

Q2. Dow Jones

Default:

PHP Solr Client Example

localhost:8888/?q=Dow+Jones&radio=defaultRank

Search: Dow Jones defaultRank pageRank

Results 1 - 10 of 46:

1. url: <http://www.latimes.com/business/la-fi-wall-street-20151125-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/c4ab060f-4cd7-4064-af5d-989c5aca641c.html
description: Stocks wobbled on Wednesday and finished little changed before the Thanksgiving holiday in the U.S. The market was positive for most of the day, but its gains dissipated in the final minutes of trading. Last week the markets made their biggest weekly jump of 2015, but the indexes have hardly budged...
title: Stocks end mixed as trading winds down before Thanksgiving - LA Times

2. url: <http://www.latimes.com/business/la-fi-brexit-economic-impact-20160624-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/c9db89f3-5c12-4f0d-b4f1-d41a467f9633.html
description: British rejection of the EU is setback for global economy. You may never have cared about Brexit, but your 401(k) is about to take a hit and the future of globalization is facing new uncertainty.
title: Stock market plunges, but 'Brexit' unlikely to spark a U.S. recession - LA Times
3. url: <http://www.latimes.com/business/la-fi-financial-markets-20160923-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/3566845c-2ee6-4396-8e12-b8609e8b0fad.html
description: U.S. stock indexes closed moderately lower Friday after three days of gains. Several technology stocks traded heavily, including Yahoo, Twitter and Facebook. Energy stocks fell along with a steep decline in the price of oil. The Dow Jones industrial average sank 131.01 points, or 0.7%, to 18,261.45....
title: Stocks move lower as energy and tech shares fall - LA Times
4. url: <http://www.latimes.com/business/la-fi-0125-agenda-markets-economy-20160125-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/1266dbb6-2a01-4f5d-b54c-9157fac2a9ed.html
description: An overvalued stock market has run head-on into anxiety about slowing global growth, with falling oil prices lubricating the skid.
title: The outlook and risks this year for five key sectors of the economy - LA Times
5. url: <http://www.latimes.com/business/la-fi-wall-street-stocks-20151117-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/800ea1a4-d67e-4eee-a090-9c6899b39628.html
description: U.S. stocks ended little changed on Tuesday after a late-afternoon slump wiped out much of the market's gains from earlier in the day. Investors weighed mixed results from Wal-Mart stores, Home Depot and other big U.S. retailers, as well as new data on inflation. Energy stocks were among the biggest...
title: An early gain fades, leaving stock indexes little changed - LA Times

PHP Solr Client Example

localhost:8888/?q=Dow+Jones&radio=defaultRank

6. url: <http://www.latimes.com/business/la-fi-markets-20160630-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/814a7a86-aff0-4659-aa7b-ecb3108b2938.html
description: U.S. stocks closed higher, extending a rally into a third day as traders feel less anxious about Britain's vote last week to leave the European Union.
title: Stocks climb again, extending rally to a third day - LA Times

7. url: <http://www.latimes.com/business/la-fi-markets-20160922-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/5b468466-c280-4df3-9718-b291ed0eb77.html
description: Stocks posted solid gains Thursday as investors, comfortable that the Federal Reserve will keep interest rates low for now, bought up stocks that pay big dividends. Real estate companies rose as investors looked for income. So did telecom stocks, which also typically pay higher-than-average dividends....
title: Stocks rise, led by high-dividend sectors - LA Times

8. url: <http://www.latimes.com/business/la-fi-brexit-why-americans-care-20160624-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/247d8de8-3e27-45a3-8df8-8f09f37bc2bc.html
description: The vote to exit the 28-nation EU bloc is a move that will have an impact on Americans' investment portfolios, retirement savings and more.
title: Three reasons why Americans should care about 'Brexit' - LA Times

9. url: <http://www.latimes.com/business/la-fi-financial-markets-20160216-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/9280b4fb-02a2-43ef-8828-5389ca4a8f8f.html
description: Stocks closed broadly higher Tuesday as the market notched its second sizable gain in a row. Retail and industrial stocks made the biggest gains as they were lifted by company earnings, some good news from China's economy and hope that Japan's struggling economy will get another boost. Indexes...
title: Stocks rise in a broad rally, building on gains from late last week - LA Times

10. url: <http://www.latimes.com/topic/business/financial-business-services/wells-fargo-ORCRP016609-topic.html?page=9>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e25dc068-dcb3-4ea8-9fce-37b2251da9bc.html
description: News, Photos and Information about Wells Fargo
title: Wells Fargo Articles, Photos, and Videos - Los Angeles Times

pageRank:



Results 1 - 10 of 46:

1. url: <http://www.latimes.com/topic/business/economy/european-union-ORGVO000067-topic.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/042d081e-6348-4a2b-8b2b-df86606d97b9.html
description: News, Photos and Information about European Union
title: European Union Articles, Photos, and Videos - Los Angeles Times
2. url: <http://www.latimes.com/world/europe/la-fg-brexit-next-steps-20160624-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/c9128c71-05c9-472b-99f4-1f2b7664b2cb.html
description: Now that British voters have voted to leave the European Union, how does that happen? Are their legal challenges ahead? A Q & A.
title: Confused? We break down the 'Brexit' vote for you - LA Times
3. url: <http://www.latimes.com/projects/la-me-pension-crisis-davis-deal/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/ce6b4ea5-3739-434f-a6d1-a7df4fb5c61f.html
description: It was a deal that wasn't supposed to cost taxpayers an extra dime. Now California's annual tab is in the billions, and the cost keeps climbing.
title: How a pension deal went wrong and cost California taxpayers billions - Los Angeles Times
4. url: <http://www.latimes.com/business/la-fi-markets-20160922-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/5b468466-c280-4df3-9718-b291ed0eeb77.html
description: Stocks posted solid gains Thursday as investors, comfortable that the Federal Reserve will keep interest rates low for now, bought up stocks that pay big dividends. Real estate companies rose as investors looked for income. So did telecom stocks, which also typically pay higher-than-average dividends....
title: Stocks rise, led by high-dividend sectors - LA Times
5. url: <http://www.latimes.com/business/la-fi-brexit-why-americans-care-20160624-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/247d8de8-3e27-45a3-8df8-8f09f37bc2bc.html
description: The vote to exit the 28-nation EU bloc is a move that will have an impact on Americans' investment portfolios, retirement savings and more.
title: Three reasons why Americans should care about 'Brexit' - LA Times



6. url: <http://www.latimes.com/world/europe/la-fg-brexit-updates-20160624-htmlstory.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/735951db-3951-49a9-aa4e-0881ec675d36.html
description: Brexit updates: What's happening now that Britain voted to leave the EU June 28, 2016, 8:27 a.m. Britons voted Thursday to leave the 28-nation European Union, a stunning decision that appeared to defy economic reason and cast doubts over the future of the bloc that been a bulwark for peace and...
title: Brexit updates: What's happening now that Britain voted to leave the EU - LA Times
7. url: <http://www.latimes.com/business/la-fi-markets-20160919-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/3961048b-557c-453e-9927-93e8fe96ee29.html
description: U.S. stocks wobbled and finished mostly lower Monday as investors waited for central bank meetings in the United States and Japan.
title: Stocks finish mostly lower after a wobbly day - LA Times
8. url: <http://www.latimes.com/business/la-fi-markets-20160921-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/abaac07c-0874-4cb8-a591-afacc179f0c6.html
description: U.S. stocks climbed Wednesday as investors felt relieved that the Federal Reserve once again left interest rates unchanged. That sent dividend-paying stocks higher. Energy companies jumped with the price of oil. Stocks made a big gain after the Fed's decision, which ended weeks of confusion for...
title: Stocks jump after Federal Reserve leaves interest rates unchanged - LA Times
9. url: <http://www.latimes.com/business/la-fi-0125-agenda-markets-economy-20160125-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/1266dbb6-2a01-4f5d-b54c-9157fac2a9ed.html
description: An overvalued stock market has run head-on into anxiety about slowing global growth, with falling oil prices lubricating the skid.
title: The outlook and risks this year for five key sectors of the economy - LA Times
10. url: <http://www.latimes.com/business/la-fi-financial-markets-20160923-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/3566845c-2ee6-4396-8e12-b8609e8b0fad.html
description: U.S. stock indexes closed moderately lower Friday after three days of gains. Several technology stocks traded heavily, including Yahoo, Twitter and Facebook. Energy stocks fell along with a steep decline in the price of oil. The Dow Jones industrial average sank 131.01 points, or 0.7%, to 18,261.45....
title: Stocks move lower as energy and tech shares fall - LA Times

number of overlap: 4

Q3. Rio Olympics

Default:



Results 1 - 10 of 251:

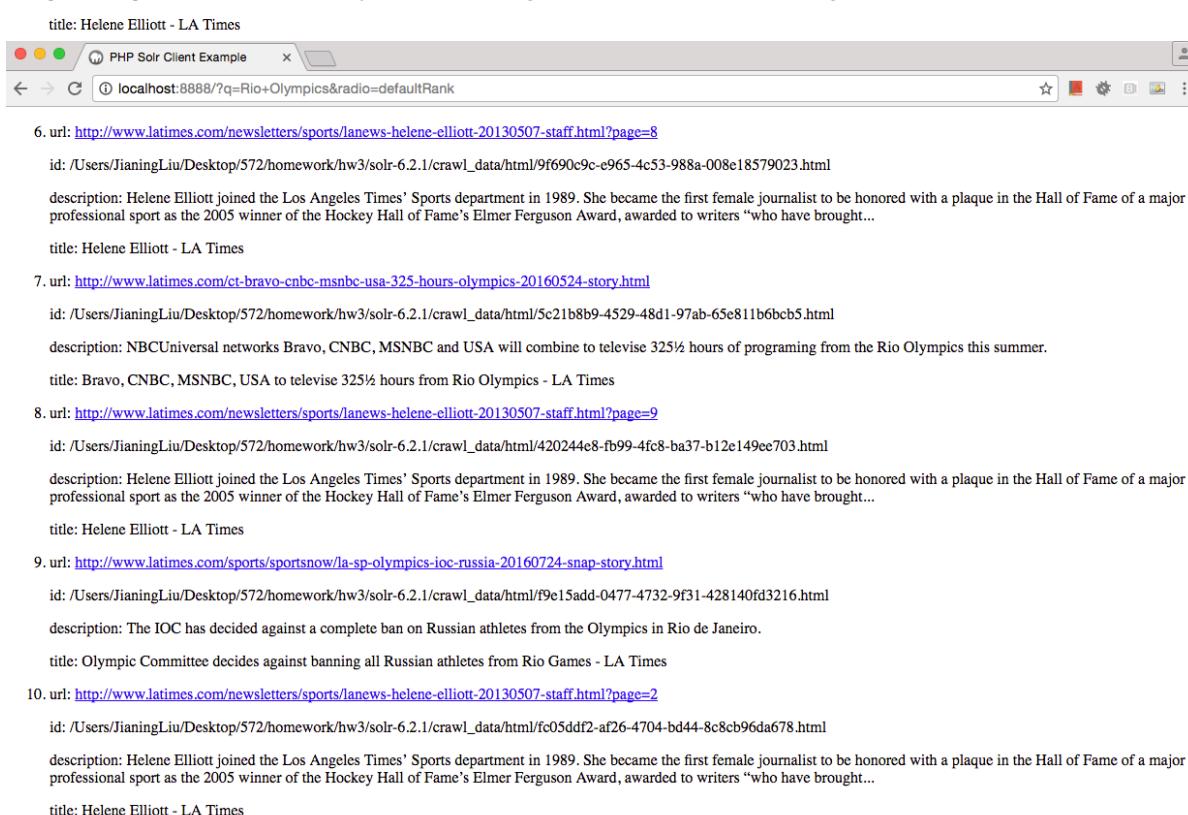
1. url: <http://www.latimes.com/sports/olympics/la-sp-oly-rio-2016-olympics-hmtlstory.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/25c09d54-0e24-44cb-b6eb-a389890cf0e.html
description: 2016 Summer Olympics: The U.S. dominates Rio Games with 121 medals Aug. 27, 2016, 10:01 a.m. The 2016 Rio Olympics have come to a close with Americans earning 121 medals -- 46 gold, 37 silver and 38 bronze -- their biggest haul ever, not counting the boycotted 1984 Los Angeles Games or the 1904...
title: 2016 Summer Olympics: The U.S. dominates Rio Games with 121 medals - LA Times

2. url: <http://www.latimes.com/newsletters/sports/lanews-helene-elliott-20130507-staff.html?page=4>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/7cf4fe6a-3de2-4447-9aa8-7c266a58700c.html
description: Helene Elliott joined the Los Angeles Times' Sports department in 1989. She became the first female journalist to be honored with a plaque in the Hall of Fame of a major professional sport as the 2005 winner of the Hockey Hall of Fame's Elmer Ferguson Award, awarded to writers "who have brought...
title: Helene Elliott - LA Times

3. url: <http://www.latimes.com/topic/sports/2016-summer-olympics-EVSPR000247-topic.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/ed848573-5a7d-45ee-9670-0798a974dd77.html
description: News, Photos and Information about 2016 Summer Olympics
title: 2016 Summer Olympics Articles, Photos, and Videos - Los Angeles Times

4. url: <http://www.latimes.com/world/mexico-americas/la-fg-brazil-rio-olympics-sign-20160705-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/c398cdab-a9c5-4184-bf7b-12ae82579c98.html
description: As the state confronts a fiscal crisis, it's delayed paying police and firefighters.
title: Police greet visitors to Rio with signs saying 'Welcome to hell' - LA Times

5. url: <http://www.latimes.com/newsletters/sports/lanews-helene-elliott-20130507-staff.html?page=5>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/75e5fd44-83f9-493f-b260-3af90a2c8bb3.html
description: Helene Elliott joined the Los Angeles Times' Sports department in 1989. She became the first female journalist to be honored with a plaque in the Hall of Fame of a major professional sport as the 2005 winner of the Hockey Hall of Fame's Elmer Ferguson Award, awarded to writers "who have brought...
title: Helene Elliott - LA Times



pageRank:



- Results 1 - 10 of 251:
1. url: <http://www.huffingtonpost.com/impact/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e17a143c-203b-4c78-b571-ac47814c9883.html
description: Discover worthy causes, find ways to take action, and read truly inspiring stories. Hear from social good experts and share how you can make an impact.
title: Causes, Volunteering, People Making a Difference - HuffPost Impact
 2. url: <http://www.huffingtonpost.com/syndication/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/bbe42339-e19e-4df3-893e-85914e90c49d.html
title: RSS / XML
 3. url: <http://www.huffingtonpost.com/news/sleep--wellness/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/c67ca1bc-d9d8-4c17-94b8-45420c0268f0.html
description: Big News on Sleep + Wellness. Includes blogs, news, and community conversations about Sleep + Wellness.
title: Sleep + Wellness: Pictures, Videos, Breaking News
 4. url: <http://www.huffingtonpost.com/news/paving-the-way/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/df29673d-ee75-41a0-bff7-493614cc94b3.html
description: Big News on Paving The Way. Includes blogs, news, and community conversations about Paving The Way.
title: Paving The Way: Pictures, Videos, Breaking News
 5. url: <http://www.huffingtonpost.com/section/queer-voices>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/ea34837e-3c31-4c71-ab78-4a0d151c78fc.html
description: Examine issues, explore culture and join discussions on the latest lesbian, gay, bisexual and transgender news that matters most to the LGBT community.
title: LGBT News, Culture, Opinion and Conversations - HuffPost Gay Voices | Huffington Post
6. url: <http://www.latimes.com/sports/clippers/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/cf458474-75cd-4b11-963a-2f5fa6b9d2f3.html
description: News about the Los Angeles Clippers from the Los Angeles Times.
title: LA CLIPPERS - NBA - Los Angeles Times
7. url: <http://www.latimes.com/sports/olympics/la-sp-jordan-wilimovsky-swimming-olympics-20160523-column>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/d8856077-b2ce-4fa0-a9a5-2b6b09e20036.html
description: The reigning men's world champion in 10-kilometer open-water swimming -- also the first U.S. swimmer to qualify for the Rio de Janeiro Games -- failed the first
title: Jordan Wilimovsky has taken the long route -- marathon swimming -- to the Rio Olympics - LA Times
8. url: <http://www.latimes.com/world/mexico-americas/la-fg-brazil-rio-favelas-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/45683d24-659f-4160-951f-fdb9cbba7633.html
description: An effort to wrest control of Rio's slums, or favelas, from gangs worked--until the gangs came back
title: Armed forces 'pacified' Rio's slums, but as Olympics approached, the gangs came back - LA Times
9. url: <http://www.latimes.com/world/mexico-americas/la-fg-brazil-three-presidents-20160815-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/3143d10a-8843-4e9c-90f2-dbc2349ff944.html
description: A guide to corruption accusations swirling around Brazil's former and current presidents--and the interim president as well.
title: Brazil's current and former presidents face trials. And the interim president is in hot water too - LA Times
10. url: <http://www.latimes.com/world/la-fg-brazil-olympics-islamic-state-20160721-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/311914bf-a4c7-4d78-9b33-56d1bff9fde3.html
description: Federal police in Brazil have ordered the detention of 12 people who allegedly pledged allegiance to the Islamic State group via social media.
title: Brazilian police arrest 10 suspected of planning for terrorist attack around Olympics - LA Times

number of overlap: 0

Q4. Pokemon Go

Default:



Results 1 - 10 of 50:

1. url: <http://www.latimes.com/science/sciencenow/la-sci-sn-pokemon-go-distraction-20160916-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/8727b660-27f2-47f3-bd18-4bda053ad0f4.html
description: Hundreds of thousands of Pokemon Go users are driving while playing or distracted by other players, risking serious injury, a new study found by mining social media and news reports.
title: 10,000 instances of distracted driving a day are due to 'Pokemon Go' - LA Times
2. url: <http://www.latimes.com/sports/la-sp-oly-rio-2016-star-gymnast-kohei-uchimura-racks-up-a-1470238205-htmlstory.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/9c689d0a-cb36-45a1-a69c-b77f2e9d0de.html
description: Japanese gymnast Kohei Uchimura had some spare time on his hands last week after landing in Sao Paulo, Brazil, with his teammates for s...
title: Star gymnast Kohei Uchimura racks up a \$5,000 phone bill playing 'Pokemon Go' before Olympics - LA Times
3. url: <http://www.huffingtonpost.com/news/pet/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/407c11f1-f2c8-4e17-ab4c-62da4eec0eb0.html
description: Big News on Pets. Includes blogs, news, and community conversations about Pets.
title: Pets: Pictures, Videos, Breaking News
4. url: <http://www.latimes.com/science/popular/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e6d256a0-2a4f-4584-8d9d-871ebf72a847.html
title: Trending Science News - Los Angeles Times
5. url: <http://www.latimes.com/topic/science/scientific-research/13004000-topic.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/b24ca939-54fe-4b1e-9451-61bf258e61c1.html
description: News, Photos and Information about Scientific Research
title: Scientific Research Articles, Photos, and Videos - Los Angeles Times



6. url: <http://www.huffingtonpost.com/author/nmjones303-720>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/cfc642f1-9a61-436e-a6d0-2ff2d6b63eee.html
title: Natalya Jones | Huffington Post
7. url: <http://www.latimes.com/science/sciencenow/la-sci-sn-opioid-naloxone-app-20160919-snap-story>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/f6331c7d-b65d-4f00-93a4-15982bd17cb3.html
description: The Food and Drug Administration challenges coders to create an app that would help opioid overdose victims find the nearest source of naloxone, a drug that could save their lives.
title: FDA asks coders to create an app that matches opioid overdose victims with lifesaving rescue drug - LA Times
8. url: <http://www.latimes.com/opinion/op-ed/la-oe-dau-m-the-problem-with-problematic-20160721-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/dce3b8d3-2b6e-475f-a43d-e9f9f06b3b6c.html
description: Cropping up particularly in online discussions about social justice and unacknowledged privilege, "problematic" is sort of like "utilize" for the Smug McSanctipants set.
title: Why the weasel word 'problematic' should be banned - LA Times
9. url: <http://www.latimes.com/business/technology/la-fi-tn-apple-products-20160906-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/c2c034d0-3bc9-4405-85e6-067a430a7ea0.html
description: Apple didn't wow at its annual product event in San Francisco on Wednesday. No ground-breaking products, no last-minute surprises and nothing the rumor mill hadn't already predicted.
title: Small tweaks are the big takeaways from the iPhone 7, Apple Watch Series 2 - LA Times
10. url: <http://www.huffingtonpost.com/news/baltimore/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/708c35ca-dcef-4e9a-ad39-b748436e2cca.html
description: Big News on Baltimore. Includes blogs, news, and community conversations about Baltimore.
title: Baltimore: Pictures, Videos, Breaking News

pageRank:



Results 1 - 10 of 50:

1. url: <http://www.huffingtonpost.com/news/eat-the-press/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/81d0dcbb7-9d73-4964-9405-ef4c9de3aa50.html
description: Big News on Eat The Press. Includes blogs, news, and community conversations about Eat The Press.
title: Eat The Press: Pictures, Videos, Breaking News
2. url: <http://www.huffingtonpost.com/syndication/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/bbe42339-e19e-4df3-893e-85914e90c49d.html
title: RSS / XML
3. url: <http://www.huffingtonpost.com/news/what-is-working-small-businesses/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/5eeb1ea9-f461-4e5d-92d6-a7c00358dc4d.html
description: Big News on What Is Working: Small Businesses. Includes blogs, news, and community conversations about What Is Working: Small Businesses.
title: What Is Working: Small Businesses: Pictures, Videos, Breaking News
4. url: <http://www.huffingtonpost.com/news/power-of-humanity/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/2c4ed8cc-5e7a-4150-a644-32119ad7ec21.html
description: Big News on The Power Of Humanity. Includes blogs, news, and community conversations about The Power Of Humanity.
title: The Power Of Humanity: Pictures, Videos, Breaking News

5. url: <http://www.huffingtonpost.com/section/healthy-living>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/895d7243-d4f7-466d-8b56-f7ab8c06e70e.html
description: Healthy Living news and opinion
title: Healthy Living | Huffington Post

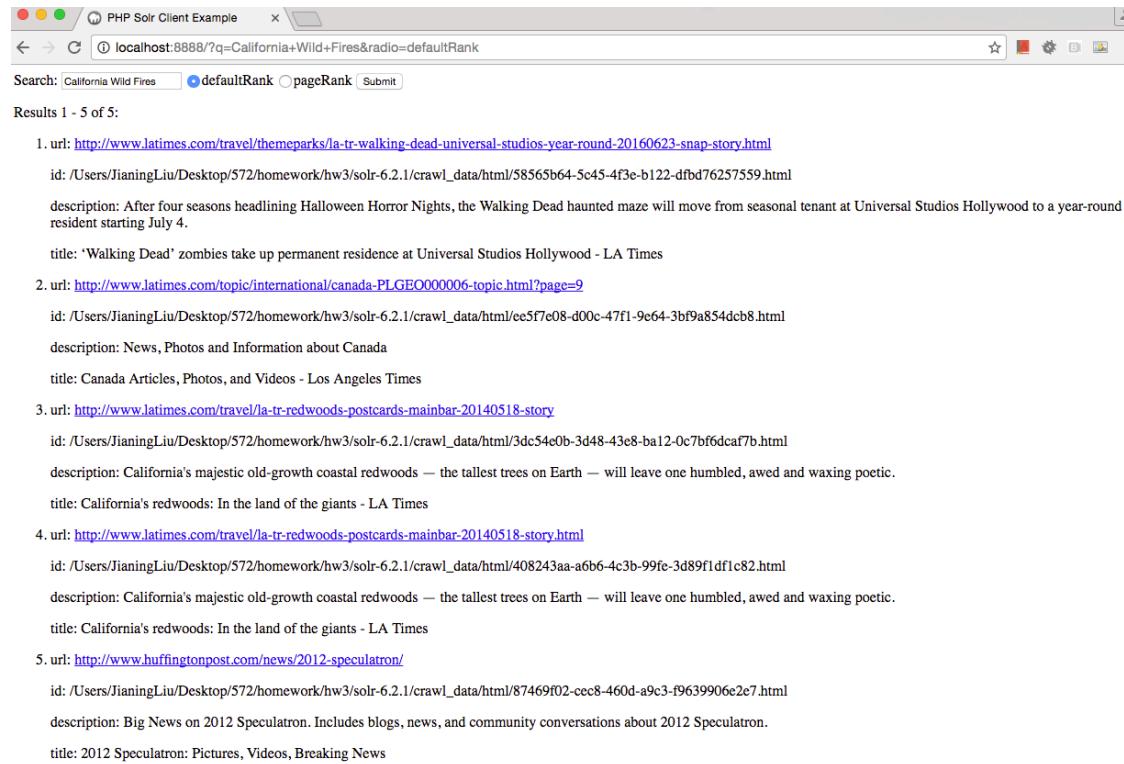


6. url: <http://www.latimes.com/science/popular/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e6d256a0-2a4f-4584-8d9d-871ebf72a847.html
title: Trending Science News - Los Angeles Times
7. url: <http://www.huffingtonpost.com/detroit/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/2c29f197-b6c3-4f5e-ae6c-2f6b870a5bf9.html
description: Find local Detroit news, opinion, politics, culture, real estate, restaurants and events. Join the conversation! Contribute your thoughts and comments to up-to-the minute coverage of what matters to you.
title: Detroit News and Opinion on all Michigan News in The Huffington Post
8. url: <http://www.latimes.com/science/sciencenow/la-sci-sn-beer-happy-faces-20160919-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/bbd07058-533a-4b93-bd13-8d0b8781ba3b.html
description: In a double-blind clinical trial involving beer with and without alcohol, researchers learned that drinking makes people less inhibited but not more sexually aroused.
title: What researchers learned about hook-up culture from volunteers who drank beer for the sake of science - LA Times
9. url: <http://www.latimes.com/science/sciencenow/la-sci-sn-opioid-naloxone-app-20160919-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/f7902d33-8ed5-4579-94e5-c5e4404a583d.html
description: The Food and Drug Administration challenges coders to create an app that would help opioid overdose victims find the nearest source of naloxone, a drug that could save their lives.
title: FDA asks coders to create an app that matches opioid overdose victims with lifesaving rescue drug - LA Times
10. url: <http://www.latimes.com/sports/olympics/la-sp-oly-contrast-20160803-snap-story>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/1834e2a6-d118-4638-85ca-c57ba9ab2954.html
description: A gleaming sports mecca has appeared on the shores of Rio de Janeiro, a cluster of stadiums and arenas with brightly colored facades and domed white roofs.
title: Rio is a contrast in new and old, as many residents see more harm than good in hosting the Games - LA Times

number of overlap: 1

Q5. California Wild Fires

Default:



PHP Solr Client Example

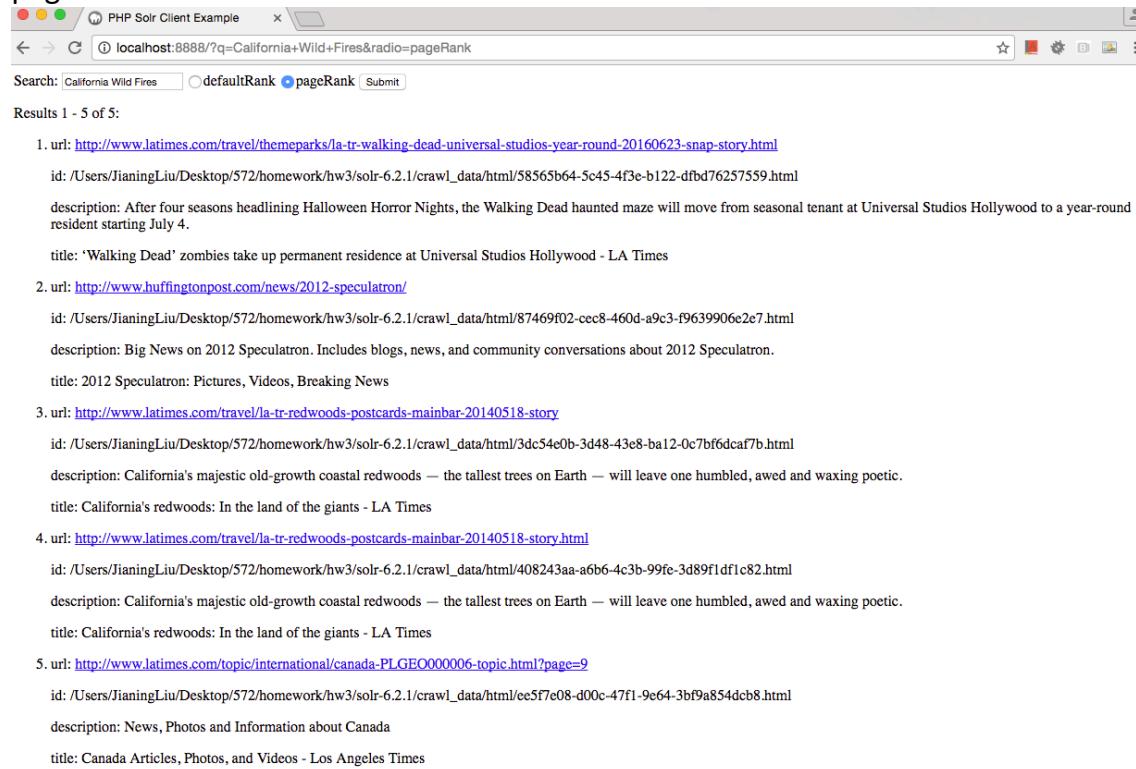
localhost:8888/?q=California+Wild+Fires&radio=defaultRank

Search: California Wild Fires defaultRank pageRank Submit

Results 1 - 5 of 5:

1. url: <http://www.latimes.com/travel/themeparks/la-tr-walking-dead-universal-studios-year-round-20160623-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/58565b64-5c45-4f3e-b122-dfb7d76257559.html
description: After four seasons headlining Halloween Horror Nights, the Walking Dead haunted maze will move from seasonal tenant at Universal Studios Hollywood to a year-round resident starting July 4.
title: 'Walking Dead' zombies take up permanent residence at Universal Studios Hollywood - LA Times
2. url: <http://www.latimes.com/topic/international/canada-PLGEO000006-topic.html?page=9>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/ee5f7e08-d00c-47f1-9e64-3bf9a854dc8.html
description: News, Photos and Information about Canada
title: Canada Articles, Photos, and Videos - Los Angeles Times
3. url: <http://www.latimes.com/travel/la-tr-redwoods-postcards-mainbar-20140518-story>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/3dc54e0b-3d48-43e8-ba12-0c7bf6dcraf7b.html
description: California's majestic old-growth coastal redwoods — the tallest trees on Earth — will leave one humbled, awed and waxing poetic.
title: California's redwoods: In the land of the giants - LA Times
4. url: <http://www.latimes.com/travel/la-tr-redwoods-postcards-mainbar-20140518-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/408243aa-a6b6-4c3b-99fe-3d89f1df1c82.html
description: California's majestic old-growth coastal redwoods — the tallest trees on Earth — will leave one humbled, awed and waxing poetic.
title: California's redwoods: In the land of the giants - LA Times
5. url: <http://www.huffingtonpost.com/news/2012-speculatron/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/87469f02-cec8-460d-a9c3-f9639906e2e7.html
description: Big News on 2012 Speculatron. Includes blogs, news, and community conversations about 2012 Speculatron.
title: 2012 Speculatron: Pictures, Videos, Breaking News

pageRank:



PHP Solr Client Example

localhost:8888/?q=California+Wild+Fires&radio=pageRank

Search: California Wild Fires defaultRank pageRank Submit

Results 1 - 5 of 5:

1. url: <http://www.latimes.com/travel/themeparks/la-tr-walking-dead-universal-studios-year-round-20160623-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/58565b64-5c45-4f3e-b122-dfb7d76257559.html
description: After four seasons headlining Halloween Horror Nights, the Walking Dead haunted maze will move from seasonal tenant at Universal Studios Hollywood to a year-round resident starting July 4.
title: 'Walking Dead' zombies take up permanent residence at Universal Studios Hollywood - LA Times
2. url: <http://www.huffingtonpost.com/news/2012-speculatron/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/87469f02-cec8-460d-a9c3-f9639906e2e7.html
description: Big News on 2012 Speculatron. Includes blogs, news, and community conversations about 2012 Speculatron.
title: 2012 Speculatron: Pictures, Videos, Breaking News
3. url: <http://www.latimes.com/travel/la-tr-redwoods-postcards-mainbar-20140518-story>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/3dc54e0b-3d48-43e8-ba12-0c7bf6dcraf7b.html
description: California's majestic old-growth coastal redwoods — the tallest trees on Earth — will leave one humbled, awed and waxing poetic.
title: California's redwoods: In the land of the giants - LA Times
4. url: <http://www.latimes.com/travel/la-tr-redwoods-postcards-mainbar-20140518-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/408243aa-a6b6-4c3b-99fe-3d89f1df1c82.html
description: California's majestic old-growth coastal redwoods — the tallest trees on Earth — will leave one humbled, awed and waxing poetic.
title: California's redwoods: In the land of the giants - LA Times
5. url: <http://www.latimes.com/topic/international/canada-PLGEO000006-topic.html?page=9>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/ee5f7e08-d00c-47f1-9e64-3bf9a854dc8.html
description: News, Photos and Information about Canada
title: Canada Articles, Photos, and Videos - Los Angeles Times

number of overlap: 5

Q6. Donald Trump

Default:



PHP Solr Client Example localhost:8888/?q=Donald+Trump&radio=defaultRank

Search: Donald Trump defaultRank pageRank Submit

Results 1 - 10 of 2468:

1. url: <http://www.huffingtonpost.com/news/donald-trump/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/d7c8df19-a4c3-4547-9309-a5a40a13dde9.html
description: Big News on Donald Trump. Includes blogs, news, and community conversations about Donald Trump.
title: Donald Trump: Pictures, Videos, Breaking News

2. url: <http://www.huffingtonpost.com/author/christina-wilkie>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/9869be83-7ddc-464c-848a-0846c7afb16a.html
title: Christina Wilkie | Huffington Post

3. url: <http://www.latimes.com/entertainment/envelope/cotown/la-et-ct-donald-trump-sells-miss-universe-wme-img-20150914-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/1d8008ee-0e27-47ca-b123-f46b3fb1004.html
description: Three days after becoming the sole owner of the Miss Universe Organization, Donald Trump has turned around and sold the grouping of pageants to the WME/IMG agency. The media agency announced the acquisition Monday morning. Financial terms of the deal were not disclosed. The events put on within...
title: Donald Trump sells Miss Universe organization to WME/IMG - LA Times

4. url: <http://www.latimes.com/entertainment/envelope/cotown/la-et-ct-donald-trump-univision-settle-lawsuit-20160211-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/825136fb-9818-49ad-8275-c6e0635ed17c.html
description: Donald Trump has settled his lawsuit with Univision over the media company's decision to drop his Miss Universe pageant last year.
title: Donald Trump and Univision settle lawsuit over Miss Universe pageant - LA Times

5. url: <http://www.huffingtonpost.com/news/eric-trump/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/c4adf2b5-b24d-40b9-ad3e-0faa08dd3448.html
title: Eric Trump



6. url: <http://www.latimes.com/local/lanow/la-me-ln-trump-university-20160614-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/c6296e5b-d85a-4530-bb12-9627ca4a9e36.html
description: Donald Trump fights to keep videos of his Trump University depositions private
title: Donald Trump fights to keep videos of his Trump University testimony private - LA Times

7. url: <http://www.latimes.com/visuals/photography/la-na-donald-trump-in-arizona-photos-20160831-photogallery.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/0ce466db-128e-4749-b8ce-fadcd7a4e1b9.html
title: Donald Trump supporters and protesters in Arizona - LA Times

8. url: <http://www.latimes.com/nation/politics/la-na-trump-entertainer-20160129-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/b8fbf065-3302-43b9-9273-5c0c135b68c7.html
description: Bemoaning the migration of U.S. jobs overseas, Donald Trump reminded a New Hampshire audience this week that Pfizer was moving its headquarters to Ireland. "No more Viagra!" a man hollered. "Shout that out once more," Trump responded with a grin. "No more Viagra!" The Republican presidential candidate...
title: All the campaign is a stage for Donald Trump - LA Times

9. url: <http://www.latimes.com/local/lanow/la-me-ln-trump-university-20160601-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/7ff17c71-dedd-408b-8880-ffaed31df97f.html
description: Court documents unsealed this week in two class-action lawsuits against Trump University portray the program as a "fraudulent scheme" that employed high-pressure sales tactics — as well as a place where some participants got "exceptional" advice about profiting from real estate.
title: The good, the bad and the Donald: Documents paint conflicting portraits of Trump U - LA Times

10. url: <http://www.latimes.com/entertainment/tv/showtracker/la-et-st-jimmy-fallon-full-house-donald-trump-20160216-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/2fa68927-d54f-46c3-80ce-ba21b9bc647c.html
description: Jimmy Fallon and "The Tonight Show" know what people want: more "Fuller House" and more Donald Trump. Tuesday night's show featured a sketch featuring just that, including the entire cast of the upcoming Netflix series and Fallon playing "the Donald" himself.
title: Would 'Fuller House' be better with Donald Trump in the cast? Watch and find out - LA Times

pageRank:



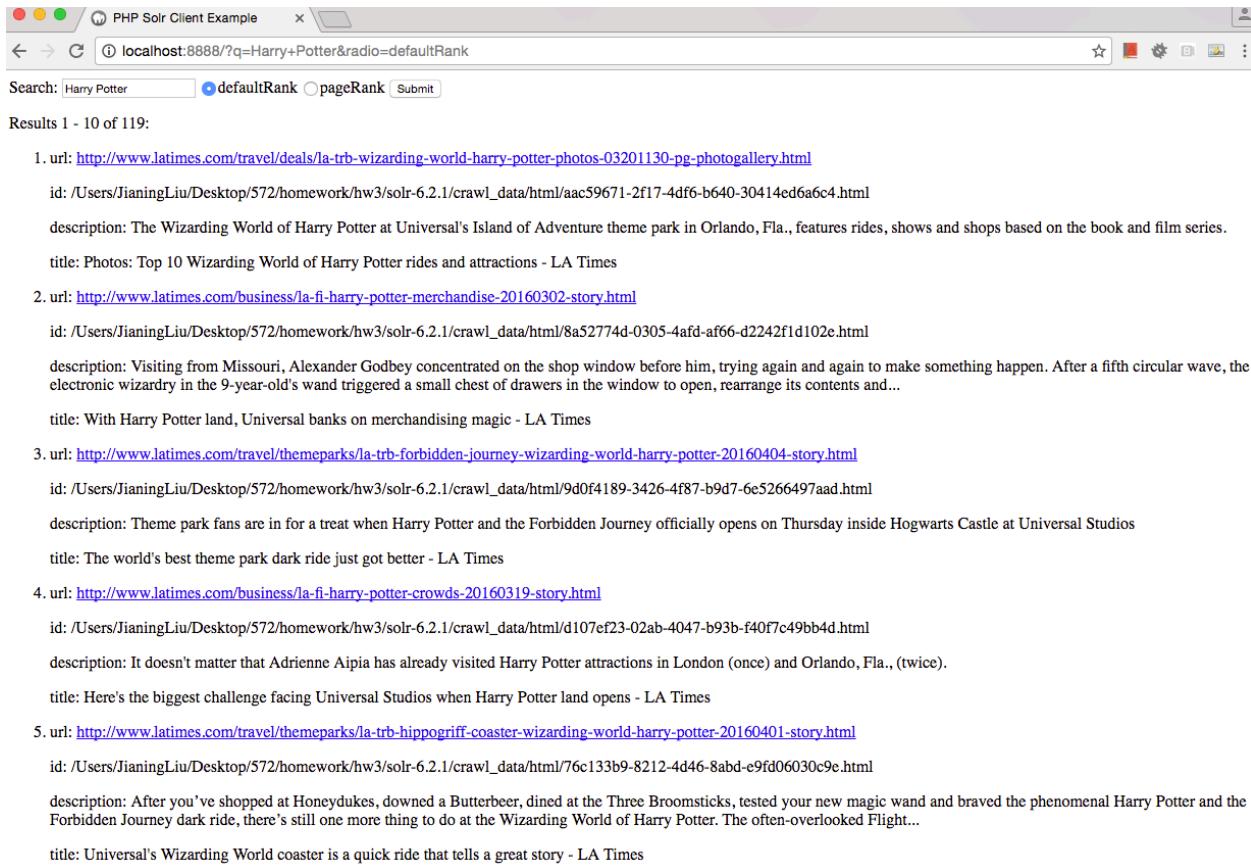
Results 1 - 10 of 2468:

1. url: <http://www.latimes.com/entertainment/popular/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/cd30d6b0-792f-42ee-acb7-768a443ca8d3.html
description: Read the most popular Entertainment stories by the Los Angeles Times from this hour.
title: Popular This Hour - Entertainment - Los Angeles Times
2. url: <http://www.latimes.com/projects/la-na-all-things-trump/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/7d8bb2a3-6649-443d-911a-4e51c2ee87f5.html
description: Few took Donald Trump's campaign seriously when he started running for president, but the brash New York businessman bulldozed his way past every rival for the GOP nomination. He hopes to become the 45th president of the United States. All things Clinton
title: All things Trump - Los Angeles Times
3. url: <http://www.latimes.com/projects/la-na-all-things-clinton/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/ae0fc786-9044-4181-9b0c-bd72e28eb346.html
description: Hillary Clinton is the first woman to top a major party's presidential ticket. A former first lady, U.S. senator and secretary of State, the Democratic candidate hopes to become the 45th president of the United States. All things Trump
title: All things Clinton - Los Angeles Times
4. url: <http://www.latimes.com/projects/2016-presidential-election-map/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/46449381-5aba-4d45-827a-d737b9f848d4.html
description: A presidential candidate needs 270 electoral votes to win the White House. Most states predictably vote red or blue, but a small handful swing either way and make up the main election battlegrounds. What does it take to win the presidency?
title: The race to 270 - Los Angeles Times
5. url: <http://www.huffingtonpost.com/p/frequently-asked-question.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/88adaece-63c1-40b0-8b9a-806fcc30ebb9.html
title: Frequently Asked Questions
6. url: <http://www.latimes.com/projects/la-na-pol-first-presidential-debate-primer/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e6b0a840-0331-4ed3-bd4f-633bbe98a642.html
description: Hillary Clinton and Donald Trump face off in person for the first time Monday. Here's your guide to how the candidates' debating styles could clash in the highly anticipated first presidential debate. For real-time political analysis during the debate, join the Los Angeles Times Watch Party at the Ace Hotel on Monday, or head to Trail Guide.
title: How Clinton and Trump plan to win the presidential debate - Los Angeles Times
7. url: <http://www.huffingtonpost.com/green/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e614da40-bb90-416a-b488-d8f08277cb80.html
description: Get the latest environment news, explore the hottest green topics of the day and share your opinions on how to make the planet greener and cleaner.
title: Green News, Energy, Environment, Animals, Climate Change, Extreme Weather - HuffPost Green
8. url: <http://www.huffingtonpost.com/?country=US>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/afa098b0-bd94-405c-a822-7189ebc4478e.html
description: The destination for news, blogs and original content offering coverage of US politics, entertainment, style, world news, technology and comedy - Huffington Post
title: Breaking News and Opinion on The Huffington Post | Huffington Post
9. url: <http://www.huffingtonpost.com/science/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/d18fd37b-b21f-48bf-89f7-37ac9957a645.html
description: Join the discussion with top scientists on the latest news in spaceflight, brain/body research, evolution and the influence of science on culture.
title: Science News, Discoveries and Breakthrough Scientific Research - HuffPost Science
10. url: <http://www.huffingtonpost.com/impact/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e17a143c-203b-4c78-b571-ae47814c9883.html
description: Discover worthy causes, find ways to take action, and read truly inspiring stories. Hear from social good experts and share how you can make an impact.
title: Causes, Volunteering, People Making a Difference - HuffPost Impact

number of overlap: 0

Q7. Harry Potter

Default:



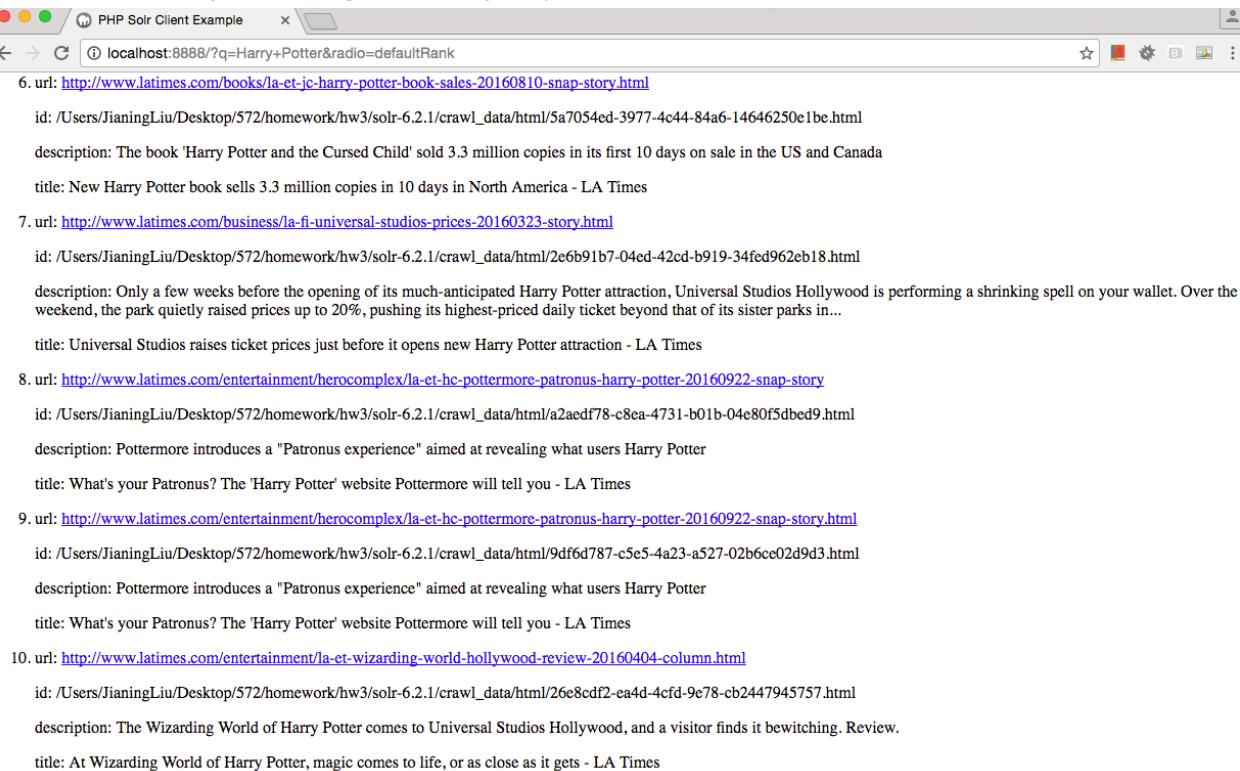
PHP Solr Client Example

localhost:8888/?q=Harry+Potter&radio=defaultRank

Search: Harry Potter defaultRank pageRank

Results 1 - 10 of 119:

1. url: <http://www.latimes.com/travel/deals/la-trb-wizarding-world-harry-potter-photos-03201130-pg-photogallery.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/aac59671-2f17-4df6-b640-30414cd6a6c4.html
description: The Wizarding World of Harry Potter at Universal's Island of Adventure theme park in Orlando, Fla., features rides, shows and shops based on the book and film series.
title: Photos: Top 10 Wizarding World of Harry Potter rides and attractions - LA Times
2. url: <http://www.latimes.com/business/la-fi-harry-potter-merchandise-20160302-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/8a52774d-0305-4afd-af66-d2242f1d102e.html
description: Visiting from Missouri, Alexander Godbey concentrated on the shop window before him, trying again and again to make something happen. After a fifth circular wave, the electronic wizardry in the 9-year-old's wand triggered a small chest of drawers in the window to open, rearrange its contents and...
title: With Harry Potter land, Universal banks on merchandising magic - LA Times
3. url: <http://www.latimes.com/travel/themeparks/la-trb-forbidden-journey-wizarding-world-harry-potter-20160404-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/9d0f4189-3426-4f87-b9d7-6e5266497aad.html
description: Theme park fans are in for a treat when Harry Potter and the Forbidden Journey officially opens on Thursday inside Hogwarts Castle at Universal Studios
title: The world's best theme park dark ride just got better - LA Times
4. url: <http://www.latimes.com/business/la-fi-harry-potter-crowds-20160319-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/d107ef23-02ab-4047-b93b-f40f7c49bb4d.html
description: It doesn't matter that Adrienne Aipia has already visited Harry Potter attractions in London (once) and Orlando, Fla., (twice).
title: Here's the biggest challenge facing Universal Studios when Harry Potter land opens - LA Times
5. url: <http://www.latimes.com/travel/themeparks/la-trb-hippogriff-coaster-wizarding-world-harry-potter-20160401-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/76c133b9-8212-4d46-8abd-e9fd06030c9e.html
description: After you've shopped at Honeydukes, downed a Butterbeer, dined at the Three Broomsticks, tested your new magic wand and braved the phenomenal Harry Potter and the Forbidden Journey dark ride, there's still one more thing to do at the Wizarding World of Harry Potter. The often-overlooked Flight...
title: Universal's Wizarding World coaster is a quick ride that tells a great story - LA Times



PHP Solr Client Example

localhost:8888/?q=Harry+Potter&radio=defaultRank

6. url: <http://www.latimes.com/books/la-et-jc-harry-potter-book-sales-20160810-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/5a7054ed-3977-4c44-84a6-14646250e1be.html
description: The book 'Harry Potter and the Cursed Child' sold 3.3 million copies in its first 10 days on sale in the US and Canada
title: New Harry Potter book sells 3.3 million copies in 10 days in North America - LA Times

7. url: <http://www.latimes.com/business/la-fi-universal-studios-prices-20160323-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/2e6b91b7-04ed-42cd-b919-34fed962eb18.html
description: Only a few weeks before the opening of its much-anticipated Harry Potter attraction, Universal Studios Hollywood is performing a shrinking spell on your wallet. Over the weekend, the park quietly raised prices up to 20%, pushing its highest-priced daily ticket beyond that of its sister parks in...
title: Universal Studios raises ticket prices just before it opens new Harry Potter attraction - LA Times

8. url: <http://www.latimes.com/entertainment/herocomplex/la-et-hc-pottermore-patronus-harry-potter-20160922-snap-story>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/a2aedf78-c8ea-4731-b01b-04e80f5dbed9.html
description: Pottermore introduces a "Patronus experience" aimed at revealing what users Harry Potter
title: What's your Patronus? The 'Harry Potter' website Pottermore will tell you - LA Times

9. url: <http://www.latimes.com/entertainment/herocomplex/la-et-hc-pottermore-patronus-harry-potter-20160922-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/9df6d787-c5e5-4a23-a527-02b6ce02d9d3.html
description: Pottermore introduces a "Patronus experience" aimed at revealing what users Harry Potter
title: What's your Patronus? The 'Harry Potter' website Pottermore will tell you - LA Times

10. url: <http://www.latimes.com/entertainment/la-et-wizarding-world-hollywood-review-20160404-column.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/26e8cdf2-ea4d-4cf8-9e78-cb2447945757.html
description: The Wizarding World of Harry Potter comes to Universal Studios Hollywood, and a visitor finds it bewitching. Review.
title: At Wizarding World of Harry Potter, magic comes to life, or as close as it gets - LA Times

pageRank:

PHP Solr Client Example

localhost:8888/?q=Harry+Potter&radio=pageRank

Search: Harry Potter defaultRank pageRank Submit

Results 1 - 10 of 119:

1. url: <http://www.huffingtonpost.com/syndication/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/bbe42339-e19e-4df3-893e-85914e90c49d.html
title: RSS / XML
2. url: <http://www.huffingtonpost.com/section/arts>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/6945e627-c090-489f-8dcd-82d245fe78ad.html
description: Arts news and opinion
title: Arts | Huffington Post
3. url: <http://www.latimes.com/travel/themeparks/la-trb-star-wars-land-disneyland-20150817-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/acfb2363-cf1b-4618-a2ca-8d7272675ca0.html
description: Disney raised more questions than it answered at the D23 Expo with the announcement of plans to unveil Star Wars Lands at Disneyland in Anaheim and Disney's Hollywood Studios in Orlando, Fla. Here's what we know so far: The new 14-acre lands will each feature two attractions set in a remote frontier...
title: 8 unanswered questions about Disneyland's Star Wars Land - LA Times
4. url: <http://www.latimes.com/travel/themeparks/la-trb-32-best-theme-park-2016-20151228-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/aed00407-f5e9-4a7b-aeac-c694c0b91ee7.html
description: Looking ahead to 2016, theme parks around the world are planning to add a host of new attractions designed to thrill ride enthusiasts.
title: 32 best new theme park additions of 2016 - LA Times
5. url: <http://www.latimes.com/travel/themeparks/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/493d6106-65b9-4b46-9d92-8b96959d53bd.html
description: Travel guides to theme parks by the Los Angeles Times
title: Theme Parks - Los Angeles Times

PHP Solr Client Example

localhost:8888/?q=Harry+Potter&radio=pageRank

doc: Theme Parks - Los Angeles Times

6. url: <http://www.latimes.com/entertainment/herocomplex/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/0c09996d-6356-4252-adc6-7b06ff817ee1.html
description: Read Hero Complex from the L.A. Times, covering all things science fiction, superheroes and fantasy.
title: Hero Complex - Los Angeles Times
7. url: <http://www.huffingtonpost.com/news/lesbian/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/81649cc6-8c0e-4490-8860-28486b4c8afd.html
description: Examine issues like gay marriage, explore lesbian culture and join discussions on the latest news that matters most to the lesbian community.
title: Lesbian News, Culture, Opinion and Conversations - HuffPost Gay Voices
8. url: <http://www.latimes.com/entertainment/latest/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/7b934eff-142e-4e27-81b1-c951519c10be.html
description: The latest news in our Entertainment sections, hand-picked by L.A. Times editors.
title: Latest Entertainment News - Los Angeles Times
9. url: <http://www.latimes.com/entertainment/music/posts/la-et-ms-american-idol-finale-justin-guarini-20160407-htmlstory.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/bd896a94-1562-4f06-970b-9865c3d3294e.html
description: Ahead of "American Idol's" series finale tonight, we asked Justin Guarini, the runner-up of the show's inaugural season in 2002, to recount his time on the show -- and his career after he placed second behind Kelly Clarkson. This is his story as told to Los Angeles Times staff writer Gerrick D....
title: Justin Guarini looks back on his 'American Idol' experience - LA Times
10. url: <http://www.latimes.com/travel/themeparks/la-trb-star-wars-land-disneyland-20160427-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/bf84b055-b57a-4c61-a071-7d3f6f01bf1.html
description: Disney raised even more questions than it answered with the recent release of concept art for the new Star Wars Lands at Disneyland in Anaheim and Disney's
title: Another 8 unanswered questions about Disneyland's 'Star Wars' land - LA Times

number of overlap: 0

Q8. Brazil

Default:



PHP Solr Client Example

localhost:8888/?q=Brazil&radio=defaultRank

Search: Brazil defaultRank pageRank Submit

Results 1 - 10 of 250:

1. url: <http://www.latimes.com/world/brazil/la-fg-brazil-impeachment-20160313-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/33e693ad-963a-4d24-bd26-88983af9a14f.html
description: Some of the largest antigovernment demonstrations Brazil has seen took place Sunday, after long-standing accusations of corruption against former President Luiz
title: Brazil sees some of the largest antigovernment demonstrations in its history - LA Times
2. url: <http://www.latimes.com/world/brazil/la-fg-0320-brazil-crisis-20160321-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/1497cf5-8ef2-4c31-bd67-be950c836a65.html
description: All three branches of Brazil's government are accused of wrongdoing. Old political heroes are being cast in new, unflattering light. And streets across the country have been filled with hundreds of thousands of demonstrators. Ge de Souza, a doorman in downtown Sao Paulo, pointed to streets Saturday...
title: Political crisis leaves Brazilians reeling - LA Times
3. url: <http://www.latimes.com/nation/ct-three-months-brazil-olympics-20160514-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/67186c64-6aa5-4632-9542-ff0f73262fba.html
description: The XXXI Olympiad begins in less than three months and the host country is facing a devastating recession, a Zika epidemic and more political turbulence now
title: Three months before the Summer Olympics, Brazil is a mess - LA Times
4. url: <http://www.latimes.com/world/brazil/la-fg-brazil-coup-debate-20160402-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/cb7cd071-1e4e-4fc3-b5ef-4dfef5a39a97.html
description: When author Marcelo Rubens Paiva uses the word "coup," many Brazilians listen. His father, politician Rubens Paiva, was among the hundreds tortured and murdered by the military dictatorship that seized power here in 1964. The well-known novelist is part of a vocal minority insisting that the current...
title: When Brazilian politicians talk about a coup, they trigger fears of a return to a dark past - LA Times
5. url: <http://www.latimes.com/world/mexico-americas/la-fg-brazil-impeach-20160328-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/46b6c480-638c-4138-a167-a4a5513ccb5f.html
description: Efforts to impeach Brazil's president accelerated this month as the country fell into full-blown crisis. But the congressional commission that will help decide
title: The politicians voting to impeach Brazil's president are accused of more corruption than she is - LA Times
6. url: <http://www.latimes.com/topic/politics-government/government/dilma-rousseff-PEPLT00007715-topic.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/950c606b-3a23-4bbc-b414-7ba45ae7cd0c.html
description: News, Photos and Information about Dilma Rousseff
title: Dilma Rousseff Articles, Photos, and Videos - Los Angeles Times
7. url: <http://www.latimes.com/world/mexico-americas/la-fg-brazil-low-rider-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e818c5de-74da-41f8-8f93-0eef4566796c.html
description: A lowrider culture has sprung up in Brazil, mimicking the style of East L.A. in the 1990s. There are mariachis, Dodgers and Raiders gear, loads of expensively restored cars and taco trucks.
title: While no one was looking, East L.A. got transplanted to Brazil — lowriders, taco trucks and all - LA Times
8. url: <http://www.latimes.com/sports/olympics/la-fg-brazil-olympics-politics-20160808-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/c2e56680-6f50-45d6-859b-d29d4b5e9cb8.html
description: It's long been IOCC policy to keep political statements out of the Games. But it's sparking debate on how to protect freedom of speech during a politically charged moment in Brazil's history.
title: Brazil is struggling to keep the Olympics free of politics - LA Times
9. url: <http://www.latimes.com/world/mexico-americas/la-fg-brazil-impeachment-pictures-photogallery.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/191aecd6-b564-4438-9b65-05ea99f390b7.html
title: Brazilians take to the streets ahead of suspended President Dilma Rousseff's impeachment vote - LA Times
10. url: <http://www.latimes.com/world/mexico-americas/la-fg-brazil-impeachment-20160725-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/ce01f0b9-eb2a-441a-84e1-7cc947c7bfc2.html
description: 40 U.S. Congress members have published a letter expressing "deep concern" about threats to democracy in Brazil, the most important U.S. intervention so far in the country's political crisis
title: U.S. Congress members express 'deep concern' over threats to democracy in Brazil - LA Times

pageRank:

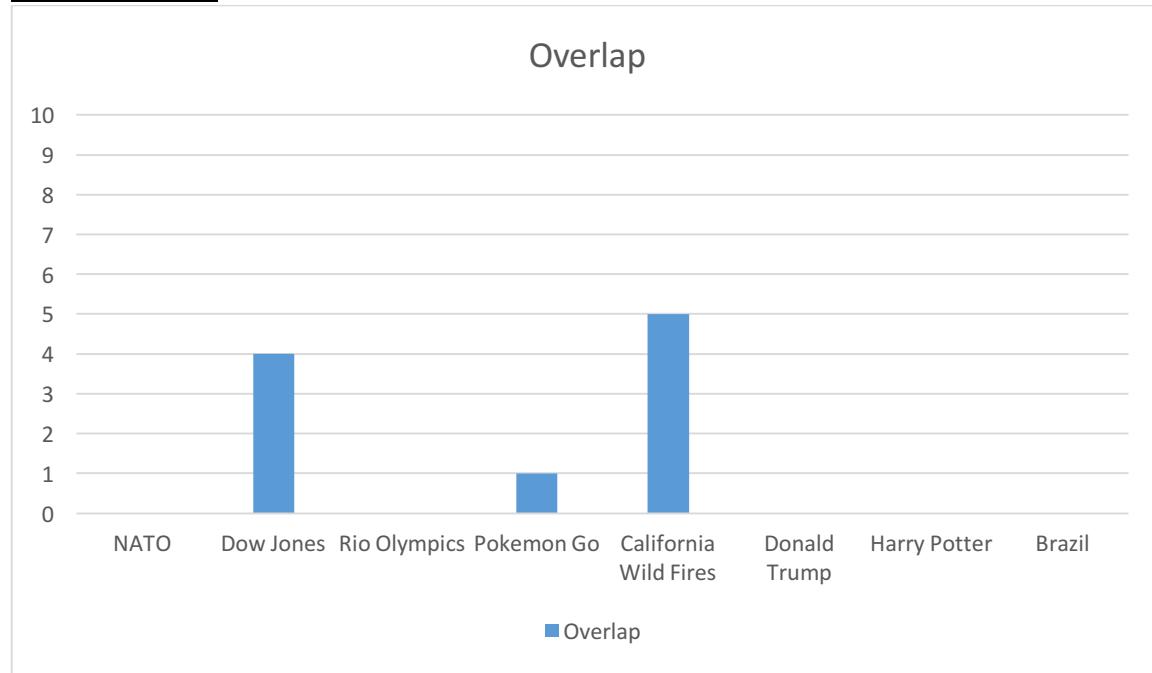


Results 1 - 10 of 250:

1. url: <http://www.huffingtonpost.com/syndication/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/bbe42339-c19e-4df3-893e-85914e90c49d.html
title: RSS / XML
2. url: <http://www.huffingtonpost.com/news/paving-the-way/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/df29673d-ee75-41a0-bff7-493614cc94b3.html
description: Big News on Paving The Way. Includes blogs, news, and community conversations about Paving The Way.
title: Paving The Way: Pictures, Videos, Breaking News
3. url: <http://www.huffingtonpost.com/news/global-health/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/99810244-72ba-4359-ab89-bc87259466ef.html
description: Big News on Global Health. Includes blogs, news, and community conversations about Global Health.
title: Global Health: Pictures, Videos, Breaking News
4. url: <http://www.huffingtonpost.com/section/arts>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/6945e627-c090-489f-8cd8-82d245fe78ad.html
description: Arts news and opinion
title: Arts | Huffington Post
5. url: <http://www.huffingtonpost.com/section/black-voices>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/d458af73-c2d3-41f3-8568-b638754f6544.html
description: Get Black entertainment and politics news, money and beauty advice, and discuss the issues that matter most to the African American community.
title: Black News, Entertainment, Style and Culture - HuffPost Black Voices | Huffington Post
6. url: <http://www.huffingtonpost.com/news/green-technology/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/9d8f4ed7-c2a1-4759-ac97-4e5b0602883b.html
description: Big News on Green Technology. Includes blogs, news, and community conversations about Green Technology.
title: Green Technology: Pictures, Videos, Breaking News
7. url: <http://www.latimes.com/world/mexico-americas/la-fg-brazil-rio-favelas-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/45683d24-659f-4160-951f-fdb9cbba7633.html
description: An effort to wrest control of Rio's slums, or favelas, from gangs worked--until the gangs came back
title: Armed forces 'pacified' Rio's slums, but as Olympics approached, the gangs came back - LA Times
8. url: <http://www.latimes.com/world/mexico-americas/la-fg-brazil-three-presidents-20160815-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/3143d10a-8843-4e9c-90f2-dbc2349ff944.html
description: A guide to corruption accusations swirling around Brazil's former and current presidents--and the interim president as well.
title: Brazil's current and former presidents face trials. And the interim president is in hot water too - LA Times
9. url: <http://www.latimes.com/world/la-fg-brazil-olympics-islamic-state-20160721-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/311914bf-a4c7-4d78-9b33-56d1bff9fdc3.html
description: Federal police in Brazil have ordered the detention of 12 people who allegedly pledged allegiance to the Islamic State group via social media.
title: Brazilian police arrest 10 suspected of planning for terrorist attack around Olympics - LA Times
10. url: <http://www.latimes.com/sports/olympics/la-sp-oly-rio-2016-olympics-htmlstory.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/25c09d54-0e24-44cb-b6eb-a389890fcfc0e.html
description: 2016 Summer Olympics: The U.S. dominates Rio Games with 121 medals Aug. 27, 2016, 10:01 a.m. The 2016 Rio Olympics have come to a close with Americans earning 121 medals -- 46 gold, 37 silver and 38 bronze -- their biggest haul ever, not counting the boycotted 1984 Los Angeles Games or the 1904...
title: 2016 Summer Olympics: The U.S. dominates Rio Games with 121 medals - LA Times

number of overlap: 0

Overlap graph:



3. Explanation regarding why some pages have higher pagerank values.

PageRank of page A is calculated as:

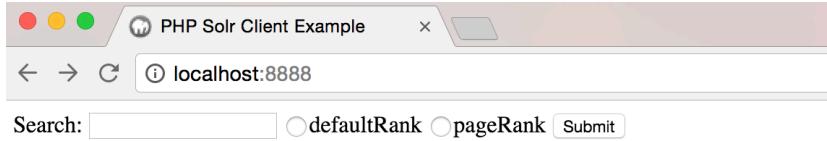
$PR(A) = (1-d) + d(PR(T1)/C(T1) + \dots + PR(Tn)/C(Tn))$ where d is a damping factor with default value 0.85, T1...Tn are pages pointing to A and C(T1) is the number of links going out of page T1.

When a page links to our site A, it will be considered as a “vote” of support. So a page will have higher pagerank value if it is more important and have more links and support. If there is no link, there is no support. And pagerank is a probability distribution used to represent the likelihood that someone randomly clicking on links will arrive at any particular page. We generate the graph using incoming and outgoing links to calculate the pagerank value of each page. High pagerank value is determined by the number, relevance and importance of sites that link to it. That is to say, pagerank is based on the structure of the web graph. So some pages may be irrelevant with particular content but still have high pagerank values.

4. Whole flow from query page till the result page for both methods.

Default method:

Query page:



result of defaultRank:

Results 1 - 10 of 127:

- url: <http://www.latimes.com/world/europe/la-fg-russia-nato-nuclear-threat-20150507-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/af85253e-e161-41b6-9125-b3a4014152e8.html
description: NATO signals to Russia that the alliance is ready to defend its Eastern European members against Kremlin threats.
title: NATO military exercises aim to send message of resolve to Russia - LA Times
- url: <http://www.latimes.com/world/europe/la-fg-ukraine-russia-nato-20150527-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/94cad1db-a605-4733-977c-fd9b38631b03.html
description: Casualties mount in eastern Ukraine as NATO officials assure Kiev leadership of support for path to membership
title: NATO discusses membership path with Ukraine as fighting continues - LA Times
- url: <http://www.latimes.com/world/europe/la-fg-ukraine-russia-nato-aid-20140807-001-photo.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/88442f0f-bd5d-4dad-b438-982efecce2f2.html
description: A Thursday meeting in Kiev between NATO chief Anders Fogh Rasmussen, right, and Ukrainian President Petro Poroshenko, middle left, in this photo provided by the presidential press service.
title: Ukraine-NATO - LA Times
- url: <http://www.latimes.com/visuals/video/la-fg-vn-kerry-urges-nato-states-to-fight-islamic-state-militants-20151202-embeddedvideo.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/253bb8e1-b7fb-40d5-9664-1e5c0f372ca2.html
description: Secretary of State John Kerry said on Wednesday that NATO members stood ready to step up military efforts against the Islamic State and held out hope of broadening cooperation between the West and Russia to end Syria's protracted civil war. (Dec. 2)
title: Kerry urges NATO states to fight Islamic State militants - LA Times
- url: <http://www.latimes.com/world/europe/la-fg-ukraine-nato-referendum-20141124-001-photo.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/c47c6aed-381a-41c8-bce4-02ad6c3bdf8e.html
description: Ukrainian President Petro Poroshenko, right, with President Dalia Grybauskaite of NATO-member Lithuania at a Kiev news conference where he said that whether Ukraine joins the Western military alliance will be decided by voters years from now.
title: Grybauskaite, Poroshenko - LA Times

description: Ukrainian President Petro Poroshenko, right, with President Dalia Grybauskaite of NATO-member Lithuania at a Kiev news conference where he said that whether Ukraine joins the Western military alliance will be decided by voters years from now.

title: Grybauskaite, Poroshenko - LA Times

6. url: <http://www.latimes.com/world/la-fg-nato-summit-20160707-snap-story.html>

id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/9d49e87e-c8d8-431d-9f22-e1df7eb1b915.html

description: Amid Britain's decision to leave the EU, the threat from Russia and Donald Trump's dismissal of the NATO alliance, this weekend's NATO summit is shaping up as a test of the decades-old compact.

title: NATO could be at its most critical point since the Soviet Union broke up - LA Times

7. url: <http://www.latimes.com/politics/la-fg-trump-nato-reactions-20160721-snap-story.html>

id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/4d94f5d2-af48-4456-93f2-dcdf6efc1e31.html

description: Hours before he accepted the Republican presidential nomination Thursday, Donald Trump faced fierce international criticism for suggesting his administration

title: On a night of triumph, Donald Trump angers NATO allies and GOP foreign policy establishment - LA Times

8. url: <http://www.latimes.com/opinion/op-ed/la-1464392994-snap-photo-photo.html>

id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/af5772ec-17d2-4df1-bfc6-8e2c6b6e8603.html

description: Russian President Vladimir Putin at the Athens international airport on May 27.

title: Vladimir Putin - LA Times

9. url: <http://www.latimes.com/topic/politics-government/government/petro-poroshenko-PEPLT0009136-topic.html?spell=on&target=all>

id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/365646b9-65ee-4c68-810f-fff7ef0b1d84.html

description: News, Photos and Information about Petro Poroshenko

title: Petro Poroshenko Articles, Photos, and Videos - Los Angeles Times

10. url: http://www.latimes.com/topic/politics-government/government/petro-poroshenko-PEPLT0009136-topic.html?sortby=display_time%20descending&spell=on&target=all

id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/4629d7f9-17b7-48d9-b5e6-83008c42e1e9.html

description: News, Photos and Information about Petro Poroshenko

title: Petro Poroshenko Articles, Photos, and Videos - Los Angeles Times

PageRank method:

Query page:

Search: defaultRank pageRank

result of pageRank:



Results 1 - 10 of 127:

1. url: <http://www.huffingtonpost.com/syndication/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/bbe42339-e19e-4df3-893e-85914e90c49d.html
title: RSS / XML
2. url: <http://www.huffingtonpost.com/news/afghanistan-war-blog/>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e1718ff1-29db-4157-a4c6-6a9d6af24b9e.html
description: Big News on Afghanistan War Blog. Includes blogs, news, and community conversations about Afghanistan War Blog.
title: Afghanistan War Blog: Pictures, Videos, Breaking News
3. url: <http://www.latimes.com/topic/business/economy/european-union-ORGVO000067-topic.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/042d081e-6348-4a2b-8b2b-df86606d97b9.html
description: News, Photos and Information about European Union
title: European Union Articles, Photos, and Videos - Los Angeles Times
4. url: <http://www.latimes.com/world/europe/la-fg-brussels-airport-explosion-20160322-story>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/6f49f4ad-06cb-4174-b283-bc5783c80a7f.html
description: Just days after a suspect in last year's Paris attacks was taken into custody, another set of coordinated assaults was launched on a city that serves as the de
title: Hunt is on for Brussels bombings suspect; Islamic State warns of more, worse attacks - LA Times
5. url: <http://www.latimes.com/topic/unrest-conflicts-war/islamic-state-ORCIG000120-topic.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/6004b862-d3f8-439b-9b13-b4b314eabedf.html
description: News, Photos and Information about Islamic State
title: Islamic State Articles, Photos, and Videos - Los Angeles Times



- title: Islamic State Articles, Photos, and Videos - Los Angeles Times
6. url: <http://www.latimes.com/world/europe/la-fg-us-turkey-think-tank-coup-20160809-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/78d8f4a7-5c9a-47f9-a246-9eb9e31c1e01.html
description: Bespectacled and slightly balding, Washington academic Henri J. Barkey hardly appears the type to mastermind political revolt and foreign intrigue.
title: Did a U.S. think tank sponsor a military coup? Turkey thinks so. - LA Times
7. url: <http://www.latimes.com/world/middleeast/la-fg-syria-cease-fire-analysis-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e5477102-8267-43e7-92a7-cfa167b9d44d.html
description: What does the cease-fire in Syria mean to President Bashar Assad, whose opponents say has attacked his own people and destroyed the country to maintain power.
title: The Syria cease-fire, the rebels and the government of President Bashar Assad - LA Times
8. url: <http://www.latimes.com/opinion/op-ed/la-oe-boot-republicans-in-exile-20160508-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/ecf3b267-3fd1-4386-a037-d2bf89a6cd4d.html
description: I have been a Republican as long as I can remember. Joining the Grand Old Party seemed like a natural choice for someone like me who fled the Soviet Union as a
title: The Republican Party is dead - LA Times
9. url: <http://www.latimes.com/politics/la-na-pol-donald-trump-convention-speech-transcript-20160721-snap-htmlstory.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/e25ef97c-aa16-4608-abf7-d212c68701ff.html
description: The staff of the L.A. Times annotates Donald Trump's RNC acceptance speech.
title: Donald Trump's complete convention speech, annotated - LA Times
10. url: <http://www.latimes.com/world/asia/la-fg-china-obama-20160904-snap-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/f3a39401-ce42-413f-9caa-245bdac38216.html
description: President Obama's final appearance at the Group of Twenty summit has been a complicated waltz of diplomacy with an array of difficult partners. Sunday, Syria dominated.
title: In China, Obama struggles for elusive deal with Russia on Syria - LA Times

5. one of the actual web documents which will open when we click on that result link.
Click on the 1st result link:

The screenshot shows a web browser window with two tabs. The left tab is titled 'PHP Solr Client Example' and the right tab is titled 'NATO military exercises aim to'. The address bar shows 'localhost:8888/?q=NATO&radio=defaultRank'. Below the address bar is a search form with 'Search: NATO', a radio button selected for 'defaultRank', another for 'pageRank', and a 'Submit' button.

Results 1 - 10 of 127:

1. url: <http://www.latimes.com/world/europe/la-fg-russia-nato-nuclear-threat-20150507-story.html>
id: /Users/JianingLiu/Desktop/572/homework/hw3/solr-6.2.1/crawl_data/html/af85253e-e161-41b6-9125-
description: NATO signals to Russia that the alliance is ready to defend its Eastern European members aga
title: NATO military exercises aim to send message of resolve to Russia - LA Times

Actual web document:

The screenshot shows the Los Angeles Times homepage. The top navigation bar includes 'SECTIONS' and 'SEARCH' on the left, and 'SUBSCRIBE' and 'LOG IN' on the right. The main headline reads 'NATO military exercises aim to send message of resolve to Russia'. Below the headline is a sub-headline 'Turn your passion into your future.' followed by '100% Online Degrees Business/Education/Psychology' and a 'Learn More' button. The date 'SUNDAY OCT. 30, 2016' is at the bottom left, and the weather '66°' is at the bottom right.

The screenshot shows the full article page. At the top, there are social sharing icons for Facebook, Twitter, and Email. To the right, it says 'World / EUROPE'. The main title is 'NATO military exercises aim to send message of resolve to Russia'. Below the title is a large photograph of a soldier in camouflage and helmet standing in front of a row of tanks. To the right of the main image is a smaller photograph of a woman in a chef's uniform smiling behind a counter in a kitchen. The page also features an advertisement for Lesley University.