

HW - 4

Step 1 Installing Solr and Running Apache:

- Installed Solr on mac and verified the connection, since i am working on mac, Apache runs by default on it.
- Started Solr using **bin/solr start** command.
- Followed the pdf to index the html files from google drive by creating the core **myexample** using **bin/solr create -c myexample**
- In the **managed-schema** folder, **solrconfig.xml** is edited accordingly.
- Indexing of the HTML files are performed using given command in the document.
- Made sure apache is running on mac by typing **sudo apachectl restart** and running the given php file.

Step 2 Generating EdgeList:

- A java program is written using by Jsoup jar file as external resources.
- The program creates mapping files which are csv in format and fileUrlMap and urlFileMap are generated using these csv.
- All the outgoing links that are traversed from the folder which are saved in a file called edgeList.txt where the webpages acts as nodes.

Step 3 Computing Page Rank:

- The following commands are used in python along with networkx to compute the page rank of edgeList.txt by parsing the entire file.

```
G = nx.read_edgelist("/Users/siri/IR/edgeList.txt", create_using=nx.DiGraph())
```

```
pr = nx.pagerank(G,alpha=0.85, personalization=None, max_iter=30,  
tol=1e-06, nstart=None, weight='weight',dangling=None)
```

```
import sys  
>>> f = open("external_pageRankFile.txt",'w')  
>>> sys.stdout = f  
>>> for k, v in pr.items():  
...     print(str(k)+'='+str(v))
```

Step 4 Changes to the schema :

- Changes are made to the managed schema as given such as the fieldname as 'pageRankFile' and type as 'external'.
- Defined listeners within the <query> element in the solrconfig.xml file as mentioned.
- Placed the files in appropriate folders and restarted solr and loaded the core.
- Verified whether solr is running by executing the query with and without the sort as "pageRankFile desc"

Step 5 Changes to PHP file:

- Additional parameters are added as sort => pageRankFile desc.
- Every query is mapped from a URLtoHTML_mercury.csv file to make sure that URL exists.
- Title, id, description, URL are filtered out of every output.
- Radio buttons are added for the users to choose to execute Licene or PageRank.

NOTE:

Two parameters influence the page rank value

- If a page exists with many number of links or if a page is linked to another page which has got higher rank value, then the current page will have high page rank value.

Comparison Results:

1.Donald Trump

| Solr Lucene | External Page Rank |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| https://www.mercurynews.com/2018/09/28/kimberly-guilfoyle-didnt-join-donald-trump-jr-s-twitter-attacks-on-christine-blasey-fords-credibility/ | https://www.mercurynews.com/2018/06/06/multi-million-dollar-prostitution-ring-stretched-from-kansas-to-bay-area-feds-say/ |
| NA | https://www.mercurynews.com/2018/10/08/where-theres-smoke-solano-county-fire-draws-shutterbugs-to-capture-smoke-in-bay-area/ |
| https://www.mercurynews.com/2016/08/31/who-is-kevin-macdonald-alt-right-californian-retweeted-by-donald-trump-jr/ | https://www.mercurynews.com/2018/05/18/bay-area-economy-roars-life-may-adds-11000-jobs-google-apple-facebook/ |
| https://www.mercurynews.com/2018/10/05/ivanka-trump-self-proclaimed-advocate-for-women-is-fine-with-brett-kavanaughs-confirmation-report-says/ | https://www.mercurynews.com/2018/09/12/great-design-takes-center-court-at-the-u-s-open/ |
| https://www.mercurynews.com/2018/07/18/did-queen-elizabeth-wage-brooch-warfare-against-donald-trump/ | https://www.mercurynews.com/2018/10/03/raiders-report-five-things-we-learned-wednesday-3/ |

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| https://www.mercurynews.com/2018/09/24/more-ivanka-trump-complicity-first-daughter-stays-silent-on-brett-kavanaugh-controversy/ | https://www.mercurynews.com/2018/07/27/justices-suit-by-trump-backers-against-san-jose-police-can-proceed/ |
| https://www.mercurynews.com/2018/08/28/political-cartoons-donald-trump-and-the-john-mccain-tributes/ | https://www.mercurynews.com/2018/05/14/trudy-rubin-hold-the-trump-nobel-korea-talks-will-be-a-long-haul/ |
| https://www.mercurynews.com/2018/08/30/political-cartoons-donald-trump-blasts-google/ | https://www.mercurynews.com/2018/09/05/real-reason-why-kaepernicks-nike-ad-troubles-military-veterans/ |
| https://www.mercurynews.com/2018/09/21/opinion-evangelicals-puzzling-devotion-to-donald-trump/ | https://www.mercurynews.com/2018/10/15/what-readers-had-to-say-about-revisiting-columbus-day/ |
| https://www.mercurynews.com/2018/09/21/opinion-evangelicals-puzzling-devotion-to-donald-trump/ | NA |

2. LA Lakers

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| Solr Lucene | external Page Rank |
| https://www.mercurynews.com/2018/05/06/nba-playoffs-2018-golden-state-warriors-kevin-durant-game-4-highlights-video-new-orleans-pelicans-stephen-curry-score-schedule-time/ | https://www.mercurynews.com/2018/10/15/what-readers-had-to-say-about-revisiting-columbus-day/ |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| https://www.mercurynews.com/2017/12/06/6-acre-brentwood-brush-fire-burning-uphill-near-skirball-center/ | NA |
| https://www.mercurynews.com/2018/05/05/nba-playoffs-2018-golden-state-warriors-new-orleans-pelicans-game-schedule-channel-stream-draymond-green-gsw-stephen-curry-rajon-rondo/ | https://www.mercurynews.com/2018/10/10/live-preseason-updates-warriors-vs-lakers-wednesday-at-730-p-m/ |
| https://www.mercurynews.com/2018/05/07/nba-playoffs-2018-golden-state-warriors-new-orleans-pelicans-andre-iguodala-draymond-green-hamptons-five-5-death-lineup-schedule-time-gsw/ | https://www.mercurynews.com/2018/06/06/highlight-reel-weeks-high-school-standouts-36/ |
| https://www.mercurynews.com/2018/05/08/golden-state-warriors-new-orleans-pelicans-houston-rockets-stream-time-channel-nba-playoffs-2018-western-conference-finals-kevin-durant/ | https://www.mercurynews.com/2018/03/09/warriors-tonight-curry-out-against-blazing-hot-portland/ |
| NA | https://www.mercurynews.com/2018/10/15/warriors-report-how-will-golden-state-fare-on-ring-night/ |
| https://www.mercurynews.com/2018/10/12/live-preseason-updates-warriors-vs-lakers-friday-at-730-p-m/ | https://www.mercurynews.com/2018/10/06/inside-kevin-durants-return-to-seattle-in-warriors-preseason-win-over-kings/ |
| https://www.mercurynews.com/2018/01/22/jason-kidd-fired-as-milwaukee-bucks-head-coach/ | https://www.mercurynews.com/2018/07/27/why-warriors-biggest-threat-vows-well-be-right-there/ |
| https://www.mercurynews.com/2018/10/13/golden-state-warriors-vs-los-angeles-lakers-highlights-video-lebron-james-news-contract-salary-rumors-stephen-curry-twitter-steve-kerr/ | https://www.mercurynews.com/2018/02/22/planet-dubs-podcast-exclusive-how-jerry-west-helped-build-two-dynasties/ |
| https://www.mercurynews.com/2018/10/15/heres-how-the-warriors-can-make-opening-night-a-success/ | https://www.mercurynews.com/2018/05/21/hit-and-run-victims-should-not-chase-the-bad-guys-roadshow/ |

3. Star Wars

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Solr Lucene | External Page Rank |
| NA | https://www.mercurynews.com/2018/02/17/photos-olympics-mens-large-hill-individual-ski-jumping/ |
| https://www.mercurynews.com/2017/12/14/fans-line-up-for-star-wars-the-last-jedi-at-the-tech-museum/ | https://www.mercurynews.com/2018/01/07/golden-globes-dressed-in-black-who-stood-out-the-good-and-the-bad/ |

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| https://www.mercurynews.com/2018/10/08/disneyland-star-wars-galaxys-edge-preview/ | https://www.mercurynews.com/2018/10/10/live-preseason-updates-warriors-vs-lakers-wednesday-at-730-p-m/ |
| https://www.mercurynews.com/2018/10/08/disneyland-star-wars-galaxys-edge-preview/ | https://www.mercurynews.com/2017/05/12/bay-area-greats-steve-nash-jason-kidd-entering-the-hall-of-fame-this-year-but-not-that-one/ |
| http://www.ocregister.com/disneyland-will-sell-alcohol-for-the-first-time-when-star-wars-land-opens-in-2019 | https://www.mercurynews.com/2018/10/10/picks-of-the-week-edge-to-washington-advantage-usc-comfortable-win-for-utah-and-no-idea-what-to-make-of-cal-ucla/ |
| https://www.mercurynews.com/2018/08/01/star-wars-filmmaker-j-j-abrams-sends-his-first-ever-tweet-heres-what-it-said/ | https://www.mercurynews.com/2018/10/13/peek-inside-a-seattle-cannabis-tour/ |
| http://www.ocregister.com/disneyland-is-quietly-removing-seating-and-planters-for-star-wars-land-access | https://www.mercurynews.com/2018/10/05/49ers-practice-top-things-we-learned-friday/ |
| https://www.mercurynews.com/2018/08/22/star-wars-actress-defies-racists-with-return-to-instagram/ | https://www.mercurynews.com/2018/06/06/highlight-reel-weeks-high-school-standouts-36/ |
| https://www.mercurynews.com/2018/10/15/17-ways-to-save-money-on-a-trip-to-disneyland/ | https://www.mercurynews.com/2018/03/09/warriors-tonight-curry-out-against-blazing-hot-portland/ |
| http://www.ocregister.com/disneyland-is-quietly-removing-seating-and-planters-for-star-wars-land-access | https://www.mercurynews.com/2018/02/01/meet-the-cast-of-survivor-ghost-island/ |

4.

Lebron James

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| Solr Lucene | External page rank |
| NA | https://www.mercurynews.com/2018/06/06/multi-million-dollar-prostitution-ring-stretched-from-kansas-to-bay-area-feds-say/ |
| NA | https://www.mercurynews.com/2018/10/03/raiders-report-five-things-we-learned-wednesday-3/ |
| https://www.mercurynews.com/2018/08/06/lebron-james-son-bronny-headed-to-crossroads-reports-say/ | https://www.mercurynews.com/2018/10/15/what-readers-had-to-say-about-revisiting-columbus-day/ |
| NA | https://www.mercurynews.com/2018/10/10/live-preseason-updates-warriors-vs-lakers-wednesday-at-730-p-m/ |

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| https://www.mercurynews.com/2018/08/04/president-trump-rips-lebron-james-says-i-like-mike/ | https://www.mercurynews.com/2018/09/14/campbell-city-council-candidates-discuss-housing-traffic-measure-o/ |
| https://www.mercurynews.com/2018/05/30/nba-finals-2018-golden-sta-warriors-lebron-james-cleveland-cavaliers-game-1-time-schedule-roster-stephen-curry/ | https://www.mercurynews.com/2018/06/28/klay-thompson-outraged-over-hard-foul-in-pickup-game-on-china-trip/ |
| https://www.mercurynews.com/2018/08/04/president-trump-rips-lebron-james-says-i-like-mike/ | https://www.mercurynews.com/2018/09/24/san-jose-state-football-meets-sjpd-for-bridge-building/ |
| https://www.mercurynews.com/2018/10/01/did-javale-mcgee-upstage-lebron-james-in-their-laker-debuts/ | https://www.mercurynews.com/2018/08/27/source-toyota-to-invest-500m-in-uber/ |
| https://www.mercurynews.com/2018/10/10/report-lebron-james-wont-face-warriors-in-san-jose-friday/ | https://www.mercurynews.com/2018/06/06/southern-california-lawmaker-recalled-stops-democratic-supermajority/ |
| https://www.mercurynews.com/2018/08/29/lebron-talks-about-fatherhood-double-standards-and-the-n-word-in-hbo-premiere/ | NA |

5. 2018 World Cup

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| Solr Lucene | External Page Rank |
| https://www.mercurynews.com/2018/04/26/high-school-baseball-monta-vista-beats-lynbrook-3-1/ | https://www.mercurynews.com/2018/06/06/multi-million-dollar-prostitution-ring-stretched-from-kansas-to-bay-area-feds-say/ |
| NA | https://www.mercurynews.com/2018/10/08/where-theres-smoke-solano-county-fire-draws-shutterbugs-to-capture-smoke-in-bay-area/ |
| NA | https://www.mercurynews.com/2018/05/18/bay-area-economy-roars-life-may-adds-11000-jobs-google-apple-facebook/ |
| NA | https://www.mercurynews.com/2018/09/12/great-design-takes-center-court-at-the-u-s-open/ |
| https://www.mercurynews.com/2018/09/30/us-looking-for-another-historic-comeback-at-the-ryder-cup/ | NA |
| https://www.mercurynews.com/2018/07/13/world-cup-final-what-time-do-france-and-croatia-play-for-soccer-title/ | https://www.mercurynews.com/2017/03/28/last-piece-of-workhorse-bridge-floats-away/ |

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| https://www.mercurynews.com/2018/07/16/world-cup-rewind-why-this-brit-and-many-like-him-are-bloody-angry-and-still-hurt/ | https://www.mercurynews.com/2018/10/03/pac-12-volleyball-libero-from-shp-expands-social-media-brand/ |
| https://www.mercurynews.com/2018/05/11/startup-world-cup-competition-decides-best-of-28-startups-from-around-the-globe/ | https://www.mercurynews.com/2018/02/17/photos-olympics-mens-large-hill-individual-ski-jumping/ |
| NA | https://www.mercurynews.com/2018/10/03/raiders-report-five-things-we-learned-wednesday-3/ |
| https://www.mercurynews.com/2018/09/30/us-looking-for-another-historic-comeback-at-the-ryder-cup/ | https://www.mercurynews.com/2018/05/24/european-privacy-law-to-shake-up-entire-tech-industry-and-impact-teens/ |

6. North Korea

| Solr lucene | External Page Rank |
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| http://wirehub-digitalfirstmedia-com.go-vip.co/two-koreas-agree-to-end-war-this-year-pursue-denuclearization | https://www.mercurynews.com/2018/06/06/multi-million-dollar-prostitution-ring-stretched-from-kansas-to-bay-area-feds-say/ |
| https://www.mercurynews.com/2018/10/02/seoul-north-korea-estimated-to-have-20-60-nuclear-weapons/ | https://www.mercurynews.com/2018/10/03/pac-12-volleyball-libero-from-shp-expands-social-media-brand/ |
| https://www.mercurynews.com/2018/09/26/rubin-four-reasons-why-declaring-peace-on-korean-peninsula-is-a-bad-idea/ | https://www.mercurynews.com/2018/02/17/photos-olympics-mens-large-hill-individual-ski-jumping/ |
| https://www.mercurynews.com/2018/05/14/trudy-rubin-hold-the-trump-nobel-korea-talks-will-be-a-long-haul/ | https://www.mercurynews.com/2018/05/14/trudy-rubin-hold-the-trump-nobel-korea-talks-will-be-a-long-haul/ |
| https://www.mercurynews.com/2017/08/29/tivo-apple-among-gainers-as-investors-shake-off-north-korea-fears/ | https://www.mercurynews.com/2018/10/15/what-readers-had-to-say-about-revisiting-columbus-day/ |
| https://www.mercurynews.com/2018/04/19/hanson-will-syrian-airstrikes-take-us-down-slippery-slope-of-more-involvement-in-the-middle-east/ | https://www.mercurynews.com/2018/10/10/picks-of-the-week-edge-to-washington-advantage-usc-comfortable-win-for-utah-and-no-idea-what-to-make-of-cal-ucla/ |
| https://www.mercurynews.com/2018/08/01/pence-welcomes-return-of-presumed-korean-war-dead/ | https://www.mercurynews.com/2018/10/13/peek-inside-a-seattle-cannabis-tour/ |

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| https://www.mercurynews.com/2018/09/26/rubin-four-reasons-why-declaring-peace-on-korean-peninsula-is-a-bad-idea/ | https://www.mercurynews.com/2018/10/03/big-downtown-san-jose-residential-complex-sprouts-land-deal-google-adobe-amazon/ |
| https://www.mercurynews.com/2018/06/18/trudy-rubin-the-nauseating-flattery-trump-lavished-on-this-mass-murderer/ | https://www.mercurynews.com/2017/04/24/three-men-arrested-in-gang-related-stabbing-in-san-mateo/ |
| https://www.mercurynews.com/2018/06/24/the-southern-poverty-law-center-has-lost-all-credibility/ | https://www.mercurynews.com/2018/10/02/expect-madison-bumgarner-to-be-a-topic-of-discussion-in-giants-gm-interviews/ |

7.Hurricane Florence

| Solr Lucene | External Page Rank |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| https://www.mercurynews.com/2018/09/14/how-hurricane-florence-is-affecting-bay-area-travelers-and-what-they-need-to-know/ | NA |
| https://www.mercurynews.com/2018/09/27/beer-trending-on-social-media-after-brett-kavanaughs-references-during-testimony/ | https://www.mercurynews.com/2018/09/17/will-in-perhaps-the-years-most-instructive-house-race-democrats-seem-serious-about-winning/ |
| https://www.mercurynews.com/2018/09/27/beer-trending-on-social-media-after-brett-kavanaughs-references-during-testimony/ | NA |
| NA | https://www.mercurynews.com/2018/02/01/meet-the-cast-of-survivor-ghost-island/ |
| NA | https://www.mercurynews.com/2017/11/09/alec-baldwin-in-full-blown-trump-mode-is-coming-to-san-franciscos-curran-theater/ |
| https://www.mercurynews.com/2018/10/11/florida-surveys-damage-as-michael-inundates-the-carolinas/ | NA |
| https://www.mercurynews.com/2018/10/10/michael-still-offshore-begins-battering-florida/ | https://www.mercurynews.com/2018/06/09/airbnb-to-launch-new-disaster-relief-registry-in-san-jose/ |
| https://www.mercurynews.com/2018/10/12/the-latest-official-michael-responsible-for-georgia-death/ | https://www.mercurynews.com/2018/10/08/so-is-dakota-johnson-having-chris-martins-baby/ |
| NA | https://www.mercurynews.com/2018/10/02/drunken-film-festival-pub-crawls-its-way-to-oakland/ |

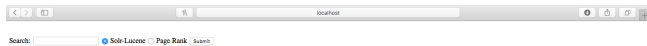
| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| https://www.mercurynews.com/2018/09/14/live-radar-images-of-hurricane-florences-path/ | http://www.eastbaytimes.com/family-aghast-after-funeral-homes-premature-cremation-but-jury-rules-they-didnt-suffer-serious-emotional-distress |
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8. Paul Allen

| Solr lucene | external Page Rank |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| https://www.mercurynews.com/2018/10/15/paul-allen-microsoft-co-founder-seahawks-owner-dead-at-65/ | https://www.mercurynews.com/2018/10/03/raiders-report-five-things-we-learned-wednesday-3/ |
| https://www.mercurynews.com/2018/10/15/paul-allen-microsoft-co-founder-seahawks-owner-dead-at-65/ | https://www.mercurynews.com/2018/10/15/watch-what-happens-when-you-fly-a-drone-is-lightning-storm/ |
| https://www.mercurynews.com/2018/01/02/youtuber-logan-paul-apologizes-for-showing-body-in-japans-suicide-forest/ | https://www.mercurynews.com/2018/05/14/trudy-rubin-hold-the-trump-nobel-korea-talks-will-be-a-long-haul/ |
| https://www.mercurynews.com/2018/09/11/renesas-to-acquire-u-s-chipmaker-idt-for-6-7-billion-3/ | https://www.mercurynews.com/2018/10/15/what-readers-had-to-say-about-revisiting-columbus-day/ |
| https://www.mercurynews.com/2018/07/12/looking-up-pc-sales-rise-for-first-time-in-six-years/ | https://www.mercurynews.com/2017/11/10/ibm-ups-pressure-on-rivals-with-quantum-computer-prototype-2/ |
| https://www.mercurynews.com/2018/07/20/deadly-gaza-strike-follows-death-of-israeli-soldier/ | https://www.mercurynews.com/2018/09/14/campbell-city-council-candidates-discuss-housing-traffic-measure-o/ |
| https://www.mercurynews.com/2017/10/02/roku-cuts-price-on-top-streaming-player-to-counter-apple-tv/ | https://www.mercurynews.com/2018/07/27/foothills-sound-of-music-as-big-and-boisterous-as-original-classic/ |
| https://www.mercurynews.com/2018/09/24/vintage-typewriters-are-booming-at-manhattan-shop/ | https://www.mercurynews.com/2018/08/27/source-toyota-to-invest-500m-in-uber/ |
| https://www.mercurynews.com/2017/09/05/car-navigation-tech-brings-new-twists-and-turns-to-driving/ | https://www.mercurynews.com/2018/06/24/discontent-lurks-in-vietnam-despite-economic-success/ |
| https://www.mercurynews.com/2018/08/06/tensions-flare-in-brazil-as-it-considers-loosening-abortion-laws/ | https://www.mercurynews.com/2018/08/21/h-1b-visa-reliant-cisco-secured-visas-for-foreign-workers-instead-of-hiring-u-s-citizens-report/ |

Flow for Donald Trump

Solr Lucene



When searched

Search: Donald Trump ☒ Solr Lucene ☐ Page Rank

Results 1 - 10 of 3229:

- Title = [Kimberly Guilfoyle mum on Trump Jr.'s Blasey Ford attacks](#)
Link=<https://www.mercurynews.com/2018/09/28/kimberly-guilfoyle-dont-join-donald-trump-jr-s-twitter-attacks-on-christine-blasey-ford-cmdhblty/>
Id=Users/vtrivale-7.5.0/mercury_news/mercurynews/1bc9914-8766-4773-8678-372085c099.html
Description=While Donald Trump Jr. incited another Twitter controversy by attacking Christine Blasey Ford's testimony, his girlfriend and political partner Kimberly Guilfoyle stayed quiet.
- Title = [Celebrity political news and photos - The Mercury News](#)
Link=NA
Id=Users/vtrivale-7.5.0/mercury_news/mercurynews/2c745c56-062b-4658-9878-72d9b4d6d6e.html
Description=NA
- Title = [Who is Kevin MacDonald, all-right Californian retweeted by Donald Trump Jr.? - The Mercury News](#)
Link=<https://www.mercurynews.com/2018/09/31/who-is-kevin-macdonald-all-right-californian-retweeted-by-donald-trump-jr/>
Id=Users/vtrivale-7.5.0/mercury_news/mercurynews/d388952-6feb-4b6d-8662-6482d45f75e1.html
Description=Who is Kevin MacDonald, all-right Californian retweeted by Donald Trump Jr.?
- Title = [Ivanka Trump fine with Kavanaugh's confirmation, report says](#)
Link=<https://www.mercurynews.com/2018/09/05/ivanka-trump-self-proclaimed-advocate-for-women-is-fine-with-brett-kavanaugh-confirmation-report-says/>
Id=Users/vtrivale-7.5.0/mercury_news/mercurynews/6473b2b-2066-4c86-a918-621280a5753.html
Description=While saying nothing publicly on the Supreme Court controversy, Ivanka Trump privately thinks nominee Brett Kavanaugh is 'a good man,' report says.
- Title = [Did Queen Elizabeth tell Donald Trump with brooches?](#)
Link=<https://www.mercurynews.com/2018/07/13/did-queen-elizabeth-was-brooch-worrier-against-donald-trump/>
Id=Users/vtrivale-7.5.0/mercury_news/mercurynews/7184a0-8632-4072-87a5-9d69d6d6c15a.html
Description=Queen Elizabeth wore different brooches — each with significant meaning — during Donald Trump's three-day visit to the United Kingdom.
- Title = [Ivanka Trump conflicted? Stays quiet on Kavanaugh controversy](#)
Link=<https://www.mercurynews.com/2018/09/25/more-ivanka-trump-convicted-first-daughter-stays-silent-on-brett-kavanaugh-controversy/>
Id=Users/vtrivale-7.5.0/mercury_news/mercurynews/c0a2be5-722f-4e7d-aaf8-12512e802e4a.html
Description=If Ivanka Trump has privately equal her father to dump Brett Kavanaugh as a Supreme Court nominee, she has stayed publicly silent on his sexual assault controversy.
- Title = [Political cartoons: Donald Trump and the John McCain tributes](#)
Link=<https://www.mercurynews.com/2018/09/28/political-cartoons-donald-trump-and-the-john-mccain-tributes/>
Id=Users/vtrivale-7.5.0/mercury_news/mercurynews/6a0d9b2-c633-4574-9617-70138aabb5d.html
Description=President Donald Trump Monday did an about-face and re-ordered American flags at U.S. buildings be lowered to half-staff for Sen. John McCain until his burial on Sunday.
- Title = [Political cartoons: Donald Trump blasts Google](#)
Link=<https://www.mercurynews.com/2018/09/20/political-cartoons-donald-trump-blasts-google/>
Id=Users/vtrivale-7.5.0/mercury_news/mercurynews/d780668-51c9-4c15-b3b6-29132ba6d6d.html
Description=President Donald Trump his week claimed that Google "suppresses" right-wing views in its search results and discriminates against conservatives.

When link is clicked

A screenshot of the The Mercury News website. At the top, there is a large masthead with the newspaper's name. Below it, a navigation bar includes links for NEWS, LOCAL, OPINION, SPORTS, ENTERTAINMENT, OBITUARIES, and a SUBSCRIBE NOW button. A search bar is located on the right side of the navigation bar. Below the navigation bar, there is a section for TRENDING stories. A large blue promotional banner is overlaid on the page, advertising '3 months of digital access for 99¢' and featuring a 'GET THIS OFFER' button. The banner also includes a close button (X) and a link to 'ALREADY A SUBSCRIBER? LOG IN OR ACTIVATE ACCESS'. In the background, there are various news articles, including one about Kimberly Guilfoyle and Christine Blasey Ford, and another about a camp fire.

When searched using page rank

Search: ☐ Solr-Lucene ☒ Page Rank

Results 1 - 10 of 3229:

- ¹ Title = [Suspects in large prostitution ring arrested Bay Area](#)
Link=<https://www.mercurynews.com/2018/06/06/multi-million-dollar-prostitution-ring-stretched-from-san-diego-to-bay-area-feds-say/>
Id=/Users/siri/solr-7.5.0/mercury_news/mercurynews/0234421d-2455-476a-84b4-16e2c1c55da5.html
Description=A federal indictment alleges that a San Mateo couple built up a multimillion-dollar prostitution business out of massage parlors in Kansas and used the money to buy real estate in the Bay Area.
- ² Title = [Health, disease, medicine and fitness news | The Mercury News](#)
Link=<https://www.mercurynews.com/2018/10/08/where-there's-smoke-solano-county-fire-draws-shutterbugs-to-capture-smoke-in-bay-area/>
Id=/Users/siri/solr-7.5.0/mercury_news/mercurynews/40d50be1-3419-404c-9840-1ae629dd9da5.html
Description=NA
- ³ Title = [Bay Area economy roars to life in April, adds 11,000 jobs](#)
Link=<https://www.mercurynews.com/2018/05/18/bay-area-economy-roars-life-may-adds-11000-jobs-google-apple-facebook/>
Id=/Users/siri/solr-7.5.0/mercury_news/mercurynews/8618a74d-ac5e-401b-a637-ac3e5d648f0a.html
Description=Santa Clara County led the charge in the April employment gains and added 7,000 jobs, while the East Bay gained 2,000.
- ⁴ Title = [New courtside design at the U.S. Open a grand slam](#)
Link=<https://www.mercurynews.com/2018/09/12/great-design-takes-center-court-at-the-u-s-open/>
Id=/Users/siri/solr-7.5.0/mercury_news/mercurynews/691ddc84-c8d5-4368-a0fa-07eb48e8a1f2.html
Description=A redesigned "courtscape" to celebrate the U.S. Open's 50th anniversary includes a new umpire tower, modernized player and line umpire chairs, and many improvements to reduce visual clutter and improve...
- ⁵ Title = [Raiders report: Five things we learned Wednesday](#)
Link=<https://www.mercurynews.com/2018/10/03/raiders-report-five-things-we-learned-wednesday-3/>
Id=/Users/siri/solr-7.5.0/mercury_news/mercurynews/9e44722a-0206-404b-9fe1-2fa4c5152158.html
Description=Raiders' cornerback Daryl Worley returns to practice, the offensive line is wounded and other tidbits from Wednesday's practice session.
- ⁶ Title = [Justices: Trump backers suit against San Jose cops can go on](#)
Link=<https://www.mercurynews.com/2018/07/27/justices-suit-by-trump-backers-against-san-jose-police-can-proceed/>
Id=/Users/siri/solr-7.5.0/mercury_news/mercurynews/40ed5449-a364-42f9-9b72-7d5b81286515.html
Description=A federal appeals court on Friday allowed supporters of then-presidential candidate Donald Trump to proceed with a lawsuit alleging they were beaten after San Jose police steered them into a crowd...
- ⁷ Title = [Rubin: Hold the Trump Nobel! Korea talks will be a long haul - The Mercury News](#)
Link=<https://www.mercurynews.com/2018/05/14/rubin-hold-the-trump-nobel-korea-talks-will-be-a-long-haul/>
Id=/Users/siri/solr-7.5.0/mercury_news/mercurynews/1d417558-8694-46dd-8caa-cfc04359b56.html
Description=If Trump falls for his own hype he may be outwitted by a showman who can best him at this game.
- ⁸ Title = [Real reason why Kaepernick's Nike ad troubles military veterans](#)
Link=<https://www.mercurynews.com/2018/09/05/real-reason-why-kaepernicks-nike-ad-troubles-military-veterans/>
Id=/Users/siri/solr-7.5.0/mercury_news/mercurynews/d35da54-0095-4049-8390-dec504d87d14.html

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San Mateo couple indicted in alleged multimillion-dollar massage parlor prostitution ring

By NATE GARTRELL | ngartrell@bayareanewsgroup.com | Bay Area News Group
 PUBLISHED: June 6, 2018 at 12:19 pm | UPDATED: June 7, 2018 at 4:43 am

A federal indictment alleges that a San Mateo couple built up a multimillion-dollar prostitution business out of massage parlors in Kansas and used the money to buy real estate in the Bay Area.

Defendants William and Erik Nielson, who are married, were indicted last week on

Overlap table:

| Query | Overlap |
|--------------------|---------|
| Donald Trump | 0 |
| LA Lakers | 0 |
| Star Wars | 0 |
| Lebron James | 0 |
| 2018 World Cup | 0 |
| North Korea | 1 |
| Hurricane Florence | 0 |

| | |
|------------|---|
| Paul Allen | 0 |
|------------|---|

Overlap graph

