



FAST Search & Transfer

Hvordan styrke beslutningsevnen ?

Presenter: Torstein Thorsen, VP, Tech. Lead

Forum:

SOFTWARE 2006



FAST Search & Transfer

- Grunnlagt i 1997
- Finansielt sterkt
- 515 ansatte
hvorav ca. 150 i Norge
- 2.500 ++ Kunder
ca 60% i USA
- Forsker på, utvikler og selger software for
“Enterprise Information Access”



Gartner

“Leaders Quadrant: A Visionary Top Exec”

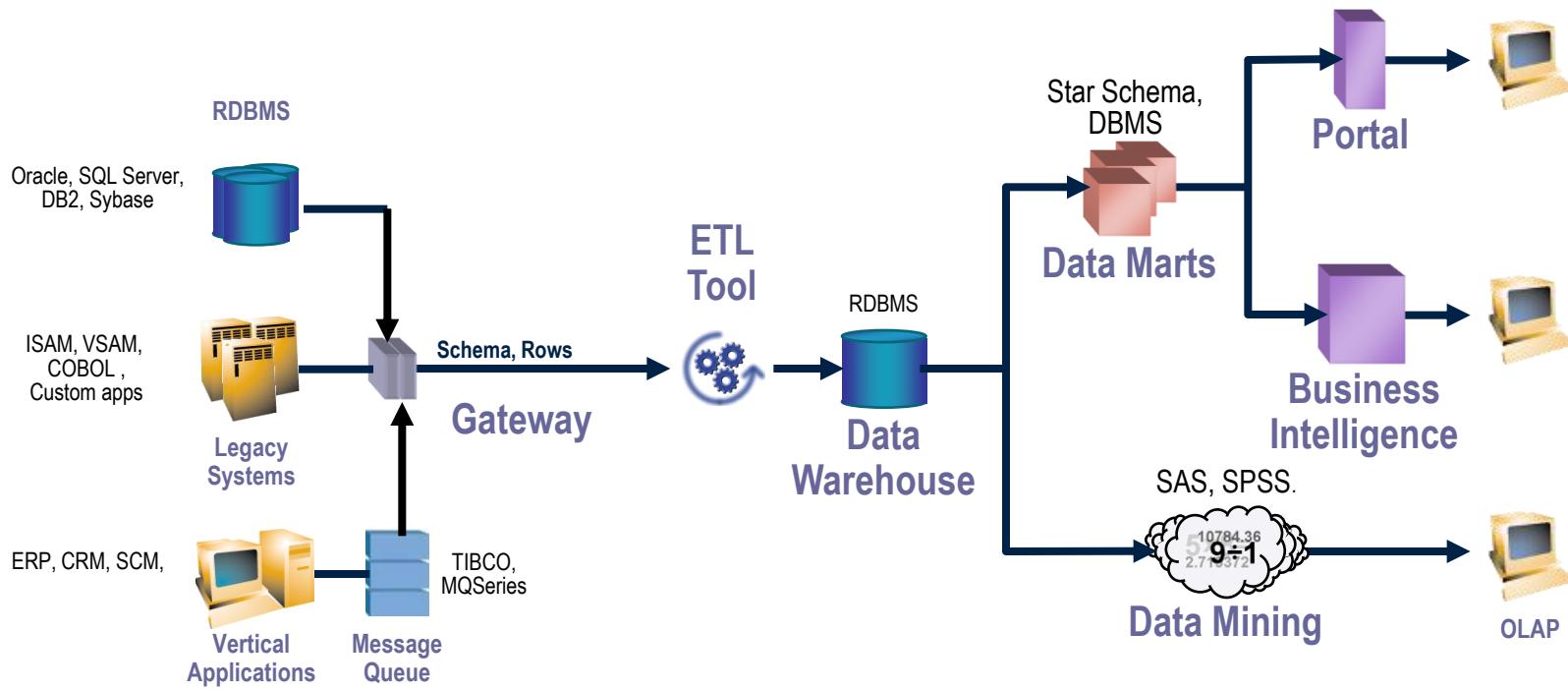
Vi er mest kjent som 'søkemotor'

The screenshot displays two Microsoft Internet Explorer windows running on a Windows operating system. The left window shows the IBM United States homepage, featuring the IBM logo, navigation menus for File, Edit, View, Favorites, Tools, and Help, and a search bar with the address <http://www.ibm.com/us/>. The right window shows the sesam.no search results for the query "dataforeningen". The sesam logo is at the top, followed by a navigation bar with links to Sesamsøk, Nyhetssøk, Bedriftssøk, Personsøk, and Bildesøk. The main search form has "dataforeningen" in the search field, with "Sesamsøk" and "Søketips" buttons. Below the search form, it says "Norske nettsider: 9 229 treff på dataforeningen". The results list includes:

- Norske nyheter: 213 treff på dataforeningen**
 - [Norsk RFID-senter stiftet](#) Digi.no, 30.01.2006
 - [Etablerer RFID-senter i Norge](#) Computerworld Norge, 30.01.2006
 - [Frykter digitalt kartell](#) Dagens Næringsliv, 02.09.2005
- Den Norske Dataforening**
 - ...Dataforeningens mange e-postlister Den Norske Dataforening, Pb. 8874 Youngstorget, 0028 Oslo Telefon: 22364880, Telefaks: 22363701, E-post: post@dataforeningen.no Redaktør: Henrik Wigestrånd, Webmaster: Marius Jørgenrud Drives av Idium Portalserver <http://dataforeningen.no/>
- DIR - Dataforeningen I Ringerike**
 - ...vart hele kompoen på TG til min store glede :) 14. apr - 2004 16:52:55 Sitter du på bussen og har glemt hvor og når neste DIR LAN finner sted? Vel, logg deg inn på wap.dataforeningen.org med din mobiltelefon da vel :) 28. feb - 2004 03:41:39 <http://www.dataforeningen.org/>
- HWB.no - På IT-pub med Dataforeningen**
 - ...utrygge arbeidslivet som tema, og desembermøtet fortsatte trenden med temaet "Spenstige

Klassisk BI

- **Utfordringer**
 - Batch-orientert
 - Store begrensninger på skalering og ytelse
 - Liten verdi fra bedriftens unstrukturerte data
 - Ikke gode nok hjelpemidler for å øke datakvaliteten



Et litt anderledes 'søkegrensensitt'

This is Travel

Dad what's French for happy mums?

Honest reviews · travel guides · cheap flights · hotels · holidays · From the publishers of Daily Mail

Book it

- Hotels
- Flights
- Holidays
- Car hire/transfers

Inspire me

- Sun & sea
- Family holidays
- City breaks
- Faraway places
- Ski/active
- Spa breaks
- Cruises
- UK holidays

Destination guides »

Weather »

Search for these words Go

Promotions

- Great offers from Thomas Cook
- Win The Traveller's Handbook!
- Win a London sightseeing cruise!
- Win a singles holiday!

javascript: results.removeFacility.value='hair dryer'; results.offset.value=1; results.submit();

Address http://www.thisistravel.co.uk/hotel/hotel-search.do

Startsiden FAST ESP

Sesam

Hotel results

We have found 8 hotels in London

Your selections so far: up to £100 hair dryer tennis

Sort results by: Star Rating Visitor Rating Price

The Knightbridge Green Hotel From £100

London, United Kingdom

No star rating provided

One of London's best kept secrets. We are the perfect choice for a friendly, quiet, base to explore the vibrant sights and sounds of one of the worlds most exciting capitals! ... [More hotel info](#)

Average visitor rating 8 from 7 reviews

[Check availability and prices](#)

The Leonard Hotel And Residence From £35

London, United Kingdom

★★★

It is a newly opened hotel and all 590 bedrooms are air conditioned, comfortable, well equipped and suitable for families. The hotel also has a restaurant, late bar and coffee... [More hotel info](#)

Average visitor rating 7 from 3 reviews

[Check availability and prices](#)

Narrow down your search further

Destination

London

Price range

up to £100 reset

Star rating

--Any--

Room facilities

--Any-- hair dryer delete

Hotel facilities

--Any--

Activities

--All-- tennis delete

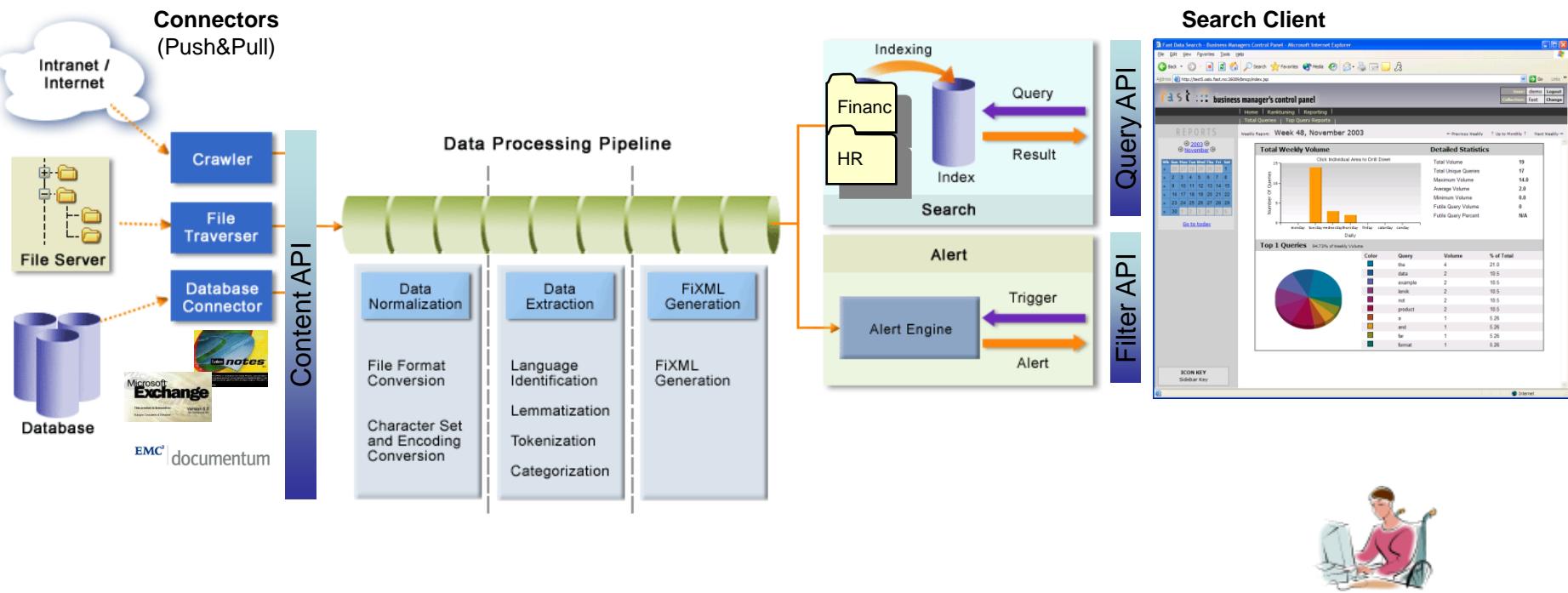
Number in () indicates number of hotels with

- Dynamic Drill-Down
 - Multi-dimensional navigation
 - Dynamic navigators
- Adapted to current result
 - Dynamic content
- Any number of navigators
 - FAST calculates the best ones
 - Some fixed, some varying

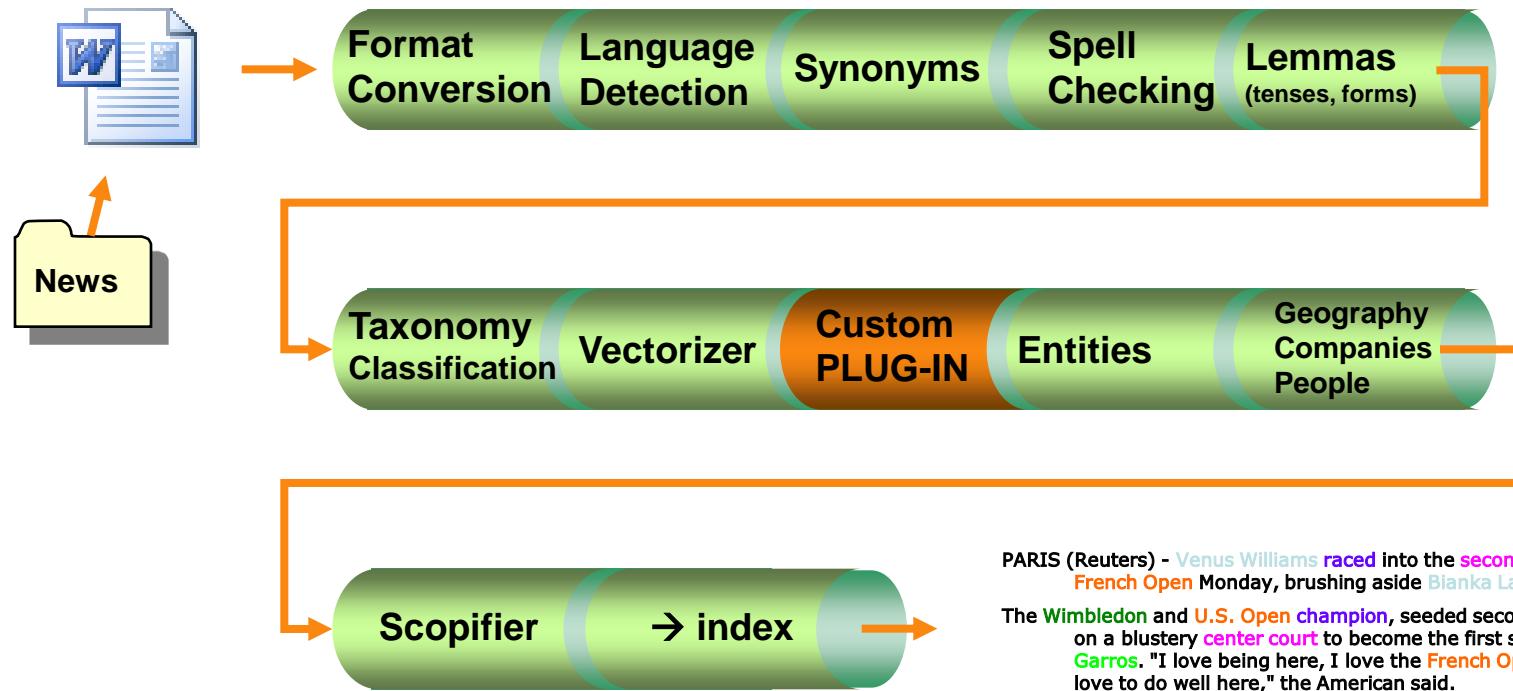


- FAST ESP kan håndtere både tekst, tall og datoer
- ... og aggregater
- ... og 'Fakta' (her representert ved 'hotel' objektet)
- ... og 'Dimensjoner' (pris, klasse, sted, tjenester)
- Hmm.... ☺

Litt om teknologien.
Lukk øynene dersom du har allergier ☺



The Data processing Pipeline; Real-Time Content Refinement



PARIS (Reuters) - Venus Williams raced into the second round of the \$11.25 million French Open Monday, brushing aside Blanka Lamade, 6-3, 6-3, in 65 minutes.

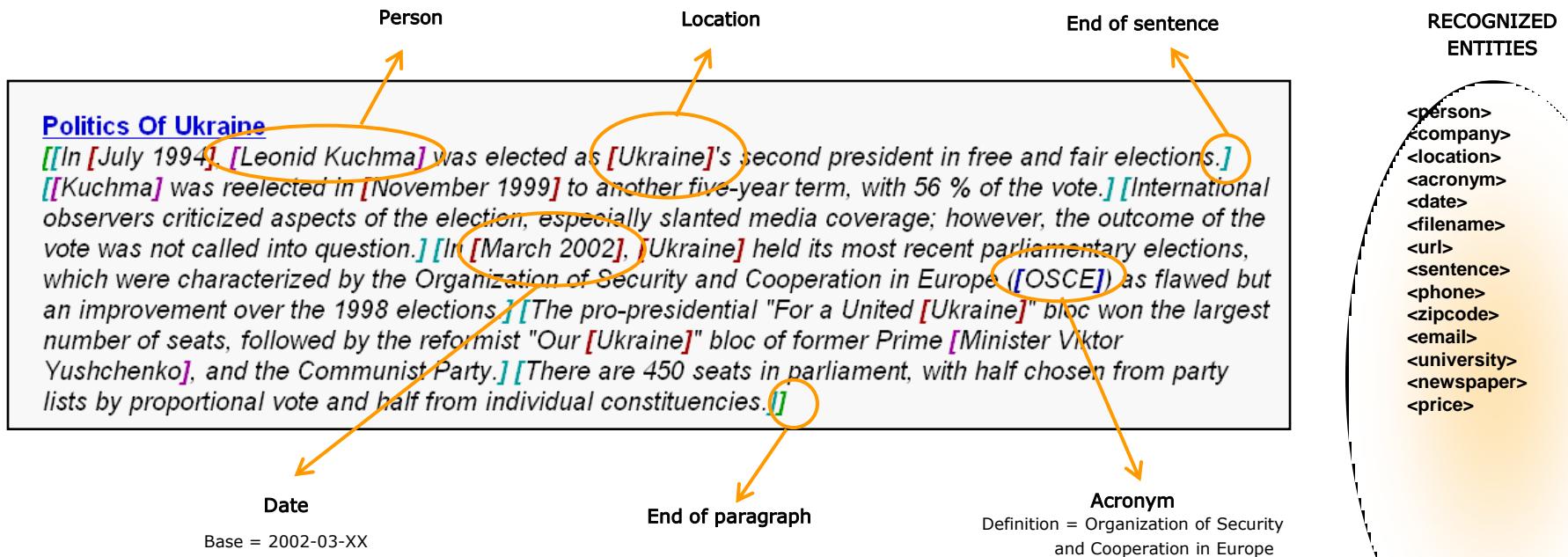
The Wimbledon and U.S. Open champion, seeded second, breezed past the German on a blustery center court to become the first seed to advance at Roland Garros. "I love being here, I love the French Open and more than anything I'd love to do well here," the American said.

A first round loser last year, Williams is hoping to progress beyond the quarter-finals for the first time in her career.

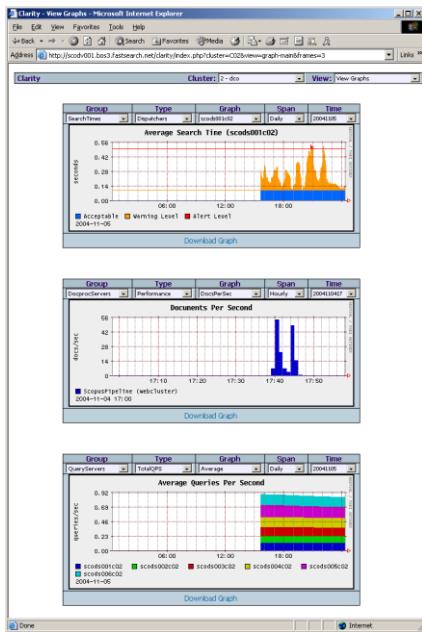
Contextual Query Evaluation

“When has Ukraine had elections?”

<date> “Ukraine” “election(s)”

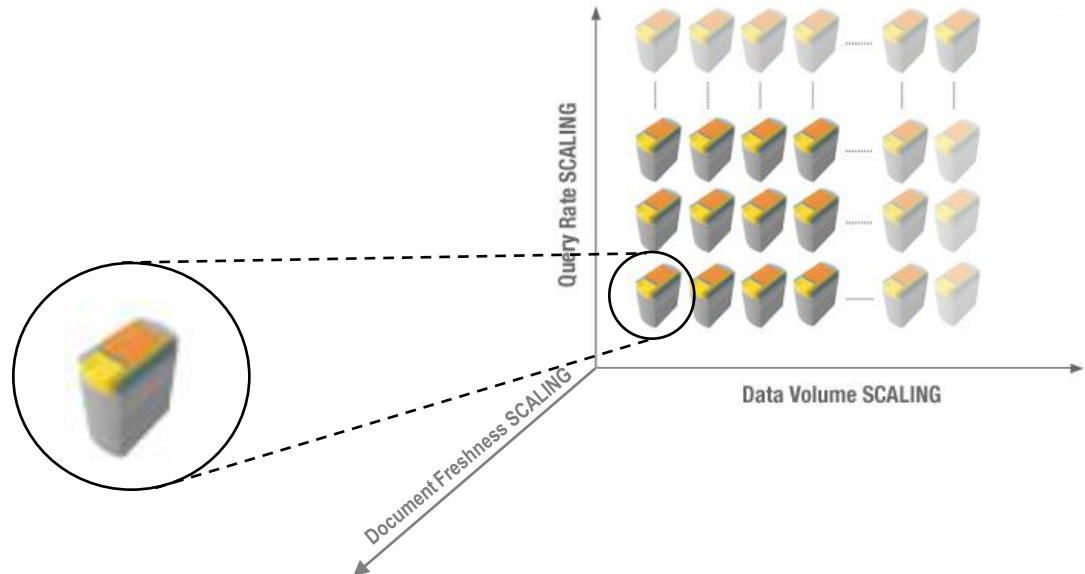


FAST ESP – *Skalering og ytelse*



FAST Scalability Facts:

- Deployments with >4 PB , >90B documents/rec's
- Deployments with > 2000 queries per second
- Deployments with >500 updates per second
- Deployments with >1000 servers



Single Search Node Performance

- 10-50 Million documents
- 50-800 queries per second
- 20-50 ms response time
- Sub-Sec indexing of up to 50 updates per Sec



Case study 'Reuters Financial'

REUTERS Directory

Fixed Income Search

Add Criteria - EJV Data Search

Search For: in Any Contains Starts With Exact

Available Drill Down Navigators

Coupon Rate (%) Select a value
Maturity Date (YYYY) Select a value
Issuer Country Select a value
Face Outstanding (m) Select a value

Historical query Historical attributes Condition Add

Option Adjusted Spread Select a value
Worst Prepay Speed Select a value
Worst Standard Yield Select a value
Worst Corp Convexity Select a value

Region
Currency
Sectors
Valuation
Quality
Profile
Contributor
EJV Data Search

Search Definition

Click on any item below to remove it from the search definition

Valuation (Maturity Date After 20090101)
EJV Data Search (Segment Gov/Corp)
17958 Matches (0.2500 secs)

Bridge Symbol Short Name

CA*BCM-STR-0526	Canadian Imperial E
CA*HQ-STR-0711A	Hydro-Quebec
CA*BCE-STR-1127A	Bell CDA
CA*HQ-STR-0310	Hydro-Quebec
CA*HQ-STR-0513	Hydro-Quebec
CA*BCM-STR-0520	Canadian Imperial E
CA*HQ-STR-0714	Hydro-Quebec
CA*BMO-STR-0211	Bank of Montreal
CA*L-STR-1111	Loblaw Co Ltd
US*HON-0-0809	Honeywell Intl Inc.
CA*HQ-STR-0813	Hydro-Quebec
CA*BCE-STR-0614	Bell CDA
CA*HQ-STR-0113	Hydro-Quebec
CA*BCM-STR-0120	Canadian Imperial E
CA*BCM-STR-0709	Canadian Imperial E

REUTERS Search Business Model

Several Financial Models in One Structure:

Equities:

Organisations issue Equity Instruments which are traded on various exchanges (Quotes).

Debt:

Organisations issue Debt Instruments which are traded 'over the counter' sellers (Contributors) Quote prices.

Money/FX:

Sellers (Contributors) Quote prices for Money Market Instruments.

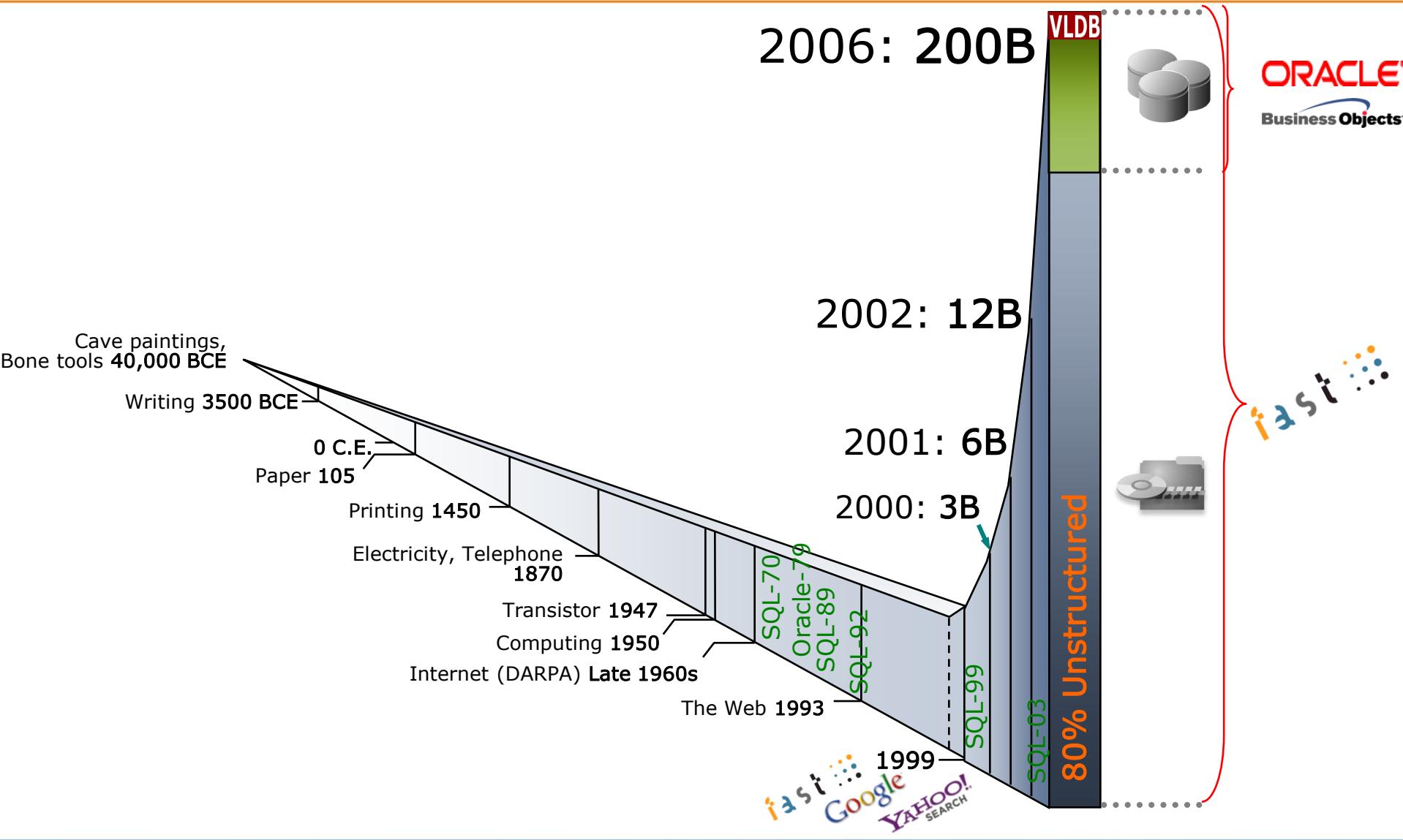
185.000 Selskap
2.100.000 Ulike aksjer
2.800.000 Aksje/Børs

432 'Facts'
83 Dimensjoner

Fact = aksjehandler
>550 oppdatering / Sec
>2000 spørsmål / Sec



Denne har dere sett mange ganger. Men ...



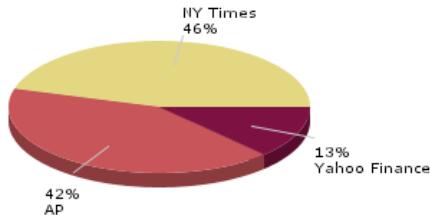
'Business' Intelligence

fast ESP™

»Sign in >>

See the past.
Know the present.
Shape the future.

:: Refine by Info Source



Click on the chart to drilldown

Home > Search for **google** (281)

google >>

Go to advanced search



The results are predominantly **positive**

78.42% of the documents have the interpretation: **positive** (explore them)
Example of associations: personal data, unauthorized access, information online, recent client, serial number
17.63% of the documents have the interpretation: **negative** (explore them)
Example of associations: fierce criticism, early trading, major providers, increasingly bitter, surprising investors

:: Refine by Exposure



— Exposure

Click on the chart to drilldown

:: Search Results

1-10 of 281 results. [Next >>](#)

Sort by: **relevance** | [date](#)

» Suit Accuses Google of Infringing Patents

:: source: [NY Times](#) | | Dec 31, 2005 00:00:00

Google, the Internet search engine, has been accused in a lawsuit...system. The plaintiff, Rates Technology, contends that **Google Talk**, a voice-over-Internet service, infringes patents...rates cheaper calls can be made. The complaint says **Google** has been infringing the patent "within the past six years...">>

[find similar](#)

» Google Will Have the Right to Sell Its 5% Stake in AOL by 2008

:: source: [NY Times](#) | | Dec 24, 2005 00:00:00

Google will have the right to sell its new 5 percent stake in America Online as soon as July 1, 2008, according to regulatory filings yesterday by both **Google** and Time Warner, AOL's parent. On Tuesday, the companies announced that **Google** would buy the stake in AOL for \$1 billion, saying the move represented a vote of...>>

[find similar](#)

» Google Dips Into the World of Print Advertising

:: source: [NY Times](#) | | Sep 1, 2005 00:00:00

Google, which built a lucrative business in online advertising...clients of its vast online system. The first incarnation of **Google**'s program resembles an old-fashioned business known as...brokering, which has largely been shunned by major publishers. **Google** said yesterday that the program was a test and declined...>>

:: Refine by Related Organizations



- [Google \(281\)](#)
- [Yahoo \(120\)](#)
- [Microsoft \(118\)](#)
- [Ebay \(43\)](#)
- [America Online \(42\)](#)

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by weblogic
20 articles

» [google sok](#)
by anders
22 articles

» [Private companies rel Google](#)
by weblogic
21 articles

:: Refine by Related Quotations



Mr. Smith

Ms. Schroeder

"That is really turning it on its head."
"How is an author even supposed to know that his or her work is being copied?"

Mr. Lee

Mr. Hora

enabling information on demand

and driving innovation for enterprise search

Hva gjør du hvis du har ...

Kunde records fra SAP @ HQ

	id	lastname	firstname	address	city	state	zip
1	172-32-1176	White	Johnson	10932 Bigge Rd.	Menlo Park	CA	94025
2	213-46-8915	Green	Marjorie	309 63rd St. #411	Oakland	CA	94618
3	238-95-7766	Carson	Cheryl	589 Darwin Ln.	Berkeley	CA	94705
4	267-41-2394	O'Leary	Michael	22 Cleveland Av. #14	San Jose	CA	95128
5	274-80-9391	Straight	Dean	5420 College Av.	Oakland	CA	94609
6	341-22-1782	Smith	Meander	10 Mississippi Dr.	Lawrence	KS	66044
7	409-56-7008	Bennet	Abraham	6223 Bateman St.	Berkeley	CA	94705
8	427-17-2319	Dull	Ann	3410 Blonde St.	Palo Alto	CA	94301
9	472-27-2349	Gringlesby	Burt	PO Box 792	Cowelo	CA	95428

Andre Kunder fra en fusjonspartner ...

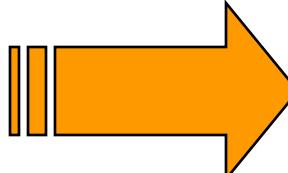
	id	lastname	firstname	address	city	state
1	807-91-6654	Panteley	Sylvia	1956 Arlington Pl.	Rockville	MD
2	527-72-3246	Greene	Morningstar	22 Graybar Hou...	Nashville	TN
3	722-51-5454	DeFrance	Michel	3 Balding Pl.	Gary	IN
4	712-45-1867	del Castillo	Innes	2286 Cram Pl. #...	Ann Arbor	MI
5	341-22-1782	Smith	Meander	10 Mississippi Dr.	Lawrence	KS
6	899-46-2035	Ringer	Anne	67 Seventh Av.	Salt Lake City	UT
7	998-72-3567	Ringer	Albert	67 Seventh Av.	Salt Lake City	UT
8	172-32-1176	Wite	Johnson	10932 Bigge Rd.	Menlo Park	CA
9	486-29-1786	Locksley	Charlene	18 Broadway Av.	San Francisco	CA
10	427-17-2319	Dull	Ann	3410 Blonde St.	Palo Alto	CA
11	846-92-7186	Hunter	Sheryl	3410 Blonde St.	Palo Alto	CA
12	672-71-3249	Yokomoto	Akiko	3 Silver Ct.	Walnut Creek	CA
13	722-08-9911	Stringer	Dirk	420 Talavanch	Oakland	CA

Andre systemer? Regioner?

	id	lastname	firstname	address	city	state
1	807-91-6654	Panteley	Sylvia	1956 Arlington Pl.	Rockville	MD
2	527-72-3246	Greene	Morningstar	22 Graybar Hou...	Nashville	TN
3	722-51-5454	DeFrance	Michel	3 Balding Pl.	Gary	IN
4	712-45-1867	del Castillo	Innes	2286 Cram Pl. #...	Ann Arbor	MI
5	341-22-1782	Smith	Meander	10 Mississippi Dr.	Lawrence	KS
6	899-46-2035	Ringer	Anne	67 Seventh Av.	Salt Lake City	UT
7	998-72-3567	Ringer	Albert	67 Seventh Av.	Salt Lake City	UT
8	172-32-1176	Wite	Johnson	10932 Bigge Rd.	Menlo Park	CA
9	486-29-1786	Locksley	Charlene	18 Broadway Av.	San Francisco	CA
10	427-17-2319	Dull	Ann	3410 Blonde St.	Palo Alto	CA
11	846-92-7186	Hunter	Sheryl	3410 Blonde St.	Palo Alto	CA
12	672-71-3249	Yokomoto	Akiko	3 Silver Ct.	Walnut Creek	CA
13	722-08-9911	Stringer	Dirk	420 Talavanch	Oakland	CA

Felles kundeliste. Uten dubletter?

	id	lastname	firstname	address
1	172-32-1176	White	Johnson	10932 Bigge R
2	213-46-8915	Green	Marjorie	309 63rd St. #
3	238-95-7766	Carson	Cheryl	589 Darwin Ln
4	267-41-2394	O'Leary	Michael	22 Cleveland A
5	274-80-9391	Straight	Dean	5420 College A
6	341-22-1782	Smith	Meander	10 Mississippi
7	409-56-7008	Bennet	Abraham	6223 Bateman
8	427-17-2319	Dull	Ann	3410 Blonde S
9	472-27-2349	Gringlesby	Burt	PO Box 792
10	486-29-1786	Locksley	Charlene	18 Broadway A
11	527-72-3246	Greene	Morningstar	22 Graybar Hc
12	648-92-1872	Blotchet-Halls	Reginald	55 Hillsdale Bl
13	672-71-3249	Yokomoto	Akiko	3 Silver Ct.
14	712-45-1867	del Castillo	Innes	2286 Cram Pl.
15	722-51-5454	DeFrance	Michel	3 Balding Pl.
16	724-08-9931	Stringer	Dirk	5420 Telegrap
17	724-80-9391	MacFeather	Stearns	44 Upland Hts
18	724-08-9911	Korean	Livis	5700 McAllister



FAST ESP er fantastisk til å overse småfeil...

488941 britney spears	121 bridney spears	44 britney spears	21 britany spears	12 btriney spears	8 britanys spears	6 brtanny spears	4 bnritney spears
40134 brittany spears	121 britainy spears	39 brienty spears	19 birney spears	12 btritney spears	8 britley spears	6 brtittany spears	4 brandy spears
36315 brittney spears	121 britmey spears	39 bbritney spears	19 brirthney spears	12 rittany spears	8 britneyb spears	6 bruttany spears	4 brbritney spears
24342 britany spears	109 brietney spears	36 bbritney spears	19 britnaey spears	11 braitney spears	8 britnrey spears	6 brytany spears	4 breatingy spears
7331 britny spears	109 britnhy spears	36 briitany spears	19 britnee spears	11 brettney spears	8 britnty spears	6 bitnhy spears	4 breetney spears
6633 briteny spears	109 britni spears	36 britanney spears	19 britony spears	11 britamy spears	8 brittnre spears	6 pretny spears	4 bretny spears
2696 brittney spears	109 brittant spears	36 britterny spears	19 brittatty spears	11 britrye spears	8 brottany spears	6 ritany spears	4 brittney spears
1807 briney spears	98 bittney spears	36 britneey spears	19 brittney spears	11 britnary spears	7 baritney spears	5 bbrtitany spears	4 briattany spears
1635 brittney spears	98 britthye spears	36 britnei spears	17 britny spears	11 brittent spears	7 birntney spears	5 bbrtitney spears	4 brieteny spears
1479 britney spears	98 brittiany spears	36 britniy spears	17 brieny spears	11 bruttny spears	7 biteney spears	5 biitney spears	4 briety spears
1479 brittanny spears	98 btitney spears	32 britbey spears	17 britnty spears	11 pritny spears	7 bitiny spears	5 bitny spears	4 britny spears
1338 britny spears	89 brietyl spears	32 britneu spears	17 brithy spears	10 bitaney spears	7 breateny spears	5 breathny spears	4 brittany spears
1211 britnet spears	89 brienty spears	29 britent spears	17 brittanie spears	10 brenty spears	7 brianty spears	5 breney spears	4 brinie spears
1096 britiney spears	89 brintny spears	29 brittany spears	15 brinney spears	10 bristney spears	7 brintye spears	5 brethney spears	4 brinteney spears
991 britaney spears	89 britnie spears	29 britttany spears	15 brieten spears	10 britay spears	7 britianny spears	5 brettny spears	4 brintne spears
991 britnay spears	89 brittey spears	29 btiney spears	15 brieterney spears	10 britinny spears	7 britly spears	5 bridny spears	4 britaby spears
811 brithney spears	89 brittnet spears	26 birttney spears	15 britheny spears	10 brittaany spears	7 britnej spears	5 brigney spears	4 brtaeby spears
811 britney spears	89 brity spears	26 breitney spears	15 brittheny spears	10 brittanys spears	7 britneyu spears	5 briittney spears	4 bratiney spears
664 britney spears	89 ritney spears	26 brinity spears	15 brittamy spears	10 brittini spears	7 britnley spears	5 brinaty spears	4 britinie spears
664 britntney spears	80 brethy spears	26 britenay spears	15 brittmey spears	10 brittniy spears	7 britnnay spears	5 brinay spears	4 britinay spears
664 briteney spears	80 britnany spears	26 britneyt spears	15 brytnei spears	10 brieny spears	7 brittian spears	5 brinety spears	4 brtmney spears
601 bitney spears	73 britteny spears	26 brittan spears	15 btriney spears	10 brutany spears	7 briyny spears	5 brinitty spears	4 britnear spears
601 brinty spears	73 brittainy spears	26 brittne spears	15 rittney spears	9 bitteny spears	7 brrittany spears	5 brinny spears	4 britnel spears
544 brittaney spears	73 pritney spears	26 btittany spears	14 brinet spears	9 brinttany spears	7 brittiney spears	5 brintery spears	4 britneuy spears
544 brittnay spears	66 brintany spears	24 beitney spears	14 britneyy spears	9 britanay spears	7 btiteny spears	5 britary spears	4 britnewy spears
364 briety spears	66 britnery spears	24 birteny spears	14 britten spears	9 britinany spears	7 btrittany spears	5 britney spears	4 britnney spears
364 brittney spears	59 brittney spears	24 brightney spears	12 beritney spears	9 britn spears	6 beritny spears	5 brithany spears	4 brittabby spears
329 britney spears	59 britinay spears	24 brintny spears	12 bretiny spears	9 britnew spears	6 bhritney spears	5 brieteny spears	4 briettery spears
269 britney spears	54 britneay spears	24 brityant spears	12 briathy spears	9 britneyn spears	6 birthney spears	5 brittey spears	4 britthey spears
269 britneys spears	54 britiner spears	24 britenny spears	12 brieney spears	9 briitney spears	6 breathney spears	5 britt spears	4 britnaey spears
244 brite spears	54 britney's spears	24 britini spears	12 brinany spears	9 britiny spears	6 breatty spears	5 britnys spears	4 britnat spears
244 brytney spears	54 britnye spears	24 britnwy spears	12 britaany spears	9 bitttney spears	6 bretany spears	5 britnry spears	4 brittneye spears
220 breatney spears	54 britt spears	24 brittni spears	12 britan spears	9 brtny spears	6 briatany spears	5 brittneyn spears	4 brittne spears
220 britiany spears	54 brittany spears	24 brittne spears	12 bridine spears	9 brytny spears	6 brint spears	5 brittnee spears	4 brittteny spears
199 britnney spears	48 bitany spears	21 biritney spears	12 britnea spears	9 rbitney spears	6 briterney spears	5 brittt spears	4 briutney spears
163 britry spears	48 briny spears	21 birtany spears	12 britnes spears	8 birtiny spears	6 britian spears	5 brney spears	4 brieny spears
147 breatny spears	48 birney spears	21 biteny spears	12 britnez spears	8 bithney spears	6 britity spears	5 brotney spears	4 brnity spears
147 brittney spears	48 britant spears	21 bratney spears	12 britnny spears	8 brattany spears	6 brititney spears	5 brotny spears	4 brtteny spears
147 britty spears	48 britnety spears	21 britani spears	12 brittenay spears	8 breitny spears	6 britnsy spears	5 bruteny spears	4 brittiany spears
147 brotnety spears	48 brittanny spears	21 britanie spears	12 brittneys spears	8 bretyen spears	6 britrey spears	5 btiyney spears	4 bryney spears
147 brutney spears	48 brittney spears	21 briteany spears	12 brittony spears	8 brightny spears	6 britsny spears	5 britttny spears	4 brythney spears
133 britteney spears	44 brittany spears	21 brittay spears	12 brteny spears	8 brintay spears	6 brittine spears	5 gritney spears	4 brytne spears
133 briyney spears	44 brittani spears	21 brittinay spears	12 bitany spears	8 brixtney spears	6 brittnry spears	5 spritney spears	4 brytni spears
121 bittany spears	44 brityney spears	21 brtany spears	12 btittney spears	8 briotney spears	6 brittsny spears	4 bittny spears	4 brytnie spears

Searching on Findexa

Gule Sider® **Telefonkatalogen™** Kart Shopping Rubrikk Mobil Logg inn

Søk etter navn, adresse, sted eller telefonnummer til privatpersoner

Ole Christian Isachsen

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Telefonkatalogen™- er Norges største telefonkatalog på nett, med over 6,5 millioner nummer og 15 000 daglige oppdateringer

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Ole-Christian Isaksen





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Personsøk

Sesamsøk

Sted

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[Troms](#) 1

Etternavn

[Isaksen](#) 2

[Isachsen](#) 1

Fornavn

[Ole Christian](#) 2

[Ole-Christian](#) 1

Hvem søker du?

Ole Christian Isachsen

Du kan søke på telefonnummer, navn, adresse osv

Personsøk

Personsøk: 3 treff på Ole Christian Isachsen

A Ole Christian Isachsen [infoside](#) 63 87 13 35

Løkendalen 14, 2019 Skedsmokorset 45 43 74 01

48 07 78 62

97 97 08 66

B Ole Christian Isaksen [infoside](#) 90 63 40 91

Skogfaret 57 F, 1344 Haslum

C Ole-Christian Isaksen [infoside](#) 90 50 96 94

Skipper Arnesens Veg 20, 9024 Tomasjord 91 64 07 37



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Sample matching of the same company from two sources

Telefonoppføringer fra ett TELCO



"ADV. EGIL BERG OG SIGVE HANSEN , P BOKS 162 , 8430 MYRE"

2-Gram

AD DV V .E EG GI IL L B BE ER RG G O OG G S SI IG GV VE E H HA AN NS SE EN N P P B BO OK KS S 1 16 62 2 8 84 43 30 0 M MY YR RE

Score

131 776

AD DV VO OK KA AT T S SI IG GV VE E H HA AN NS SE EN

PO OS ST TB BO OK KS S 1 16 62

84 43 39

MY YR RE

2-Gram

"ADVOKAT SIGVE HANSEN , POSTBOKS 162 , 8439 MYRE"



indeksert i FAST som 'fasit'



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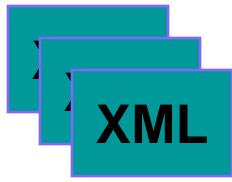


Cleansing Process :: Birdsview

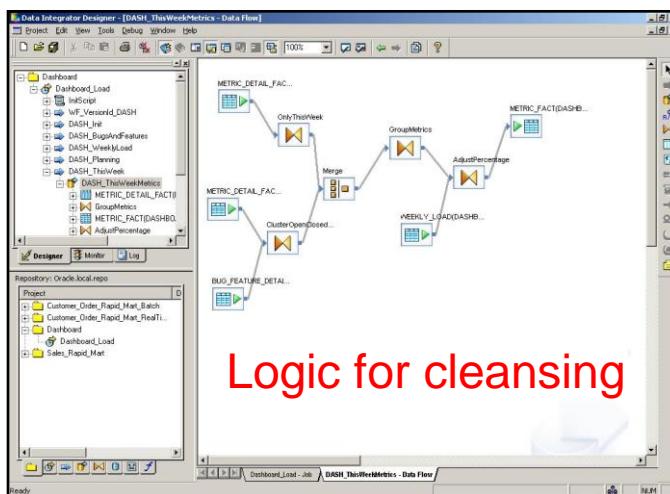
WEB Crawling



TELCO listings

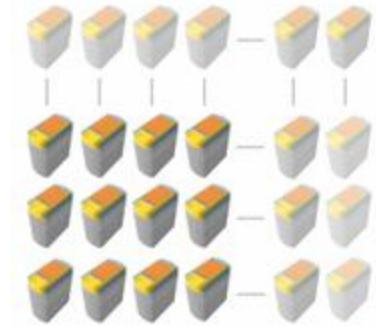


GOVT. registers



Lookup to FAST for Matching

fast



clean data

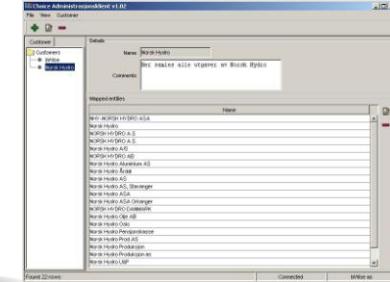


Master database /
persistant storage

Ambigous
data



manual inspection,
correction, storage/learning



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Deriving Products offered & link back to 'Company'

Address: <http://www.hifibitz.co.uk/> Go

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Crown 26" LCD Television £535.55



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Marantz LC1700 17" LCD TV £849.99



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Optoma Themescene RD65 DLP TV £2,455.00



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Optoma Themescene RD50 DLP TV £1,599.00



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Sony KDL132MRX1 32" LCD TV £3,105.92



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Sony KLV15SR2 LCD Colour TV £623.99



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Sony KLV26HG2 26" LCD Television £1,556.36



[BUY](#)

Montage AXIL01 LCD TV Mount £95.99

WHOIS hifibitz.co.uk

Whoisproxy: \$Revision: 1.5 \$ (c)2001-2005 Active 24 ASA

Domain Name:
hifibitz.co.uk

Registrant:
Maximum Systems Ltd

Registrant's Address:
Systems House
11 Lomax Street
Great Harwood
Lancs
BB6 7DJ
GB

Registrant's Agent:
ACTIVE ISP ASA [Tag = ACTIVEISP-NO]

Relevant Dates:
Registered on: 13-Oct-1999
Renewal Date: 13-Oct-2007
Last updated: 11-Oct-2005

Registration Status:
Registered until renewal date.

Name servers listed in order:
ns4.vi.net 212.78.66.36
ns5.vi.net 212.78.64.69

WHOIS database last updated at 09:55:01 05-Dec-2005

(c) Nominet UK 1996 - 2005

PRODUCT details

Sony KLV26HG2 26" LCD Television

Special purchase - Limited stocks at this price

- 26" 16:9 Widescreen
- 170 Degrees viewing angle - horizontal and vertical
- WEGA Engine system
- New side speaker design
- Memory Stick Slot with JPEG/MPEG1 Playback capability
- Dolby Virtual/BEE
- Front audio/video input terminals
- PAL progressive
- Scart x2 (Rear)
- Component video & Audio input x 1 (Rear)
- S-Video input x 2 (Rear x 1, Front x 1)
- Composite & audio input x 2 (Rear x 1, Front x 1)
- TV tuner
- Teletext
- Built in power supply
- Genuine UK stock - sourced directly from Sony UK
- Optional wall bracket: SULW1 (See below)

[See all Sony Hifi and Home Cinema Products](#)

HiFiBitZ Price

£1,556.36

[Buy Now Pay Summer 2006](#) or from £41.37 /month

Xtra

more INFO

CREDIT details

BUY

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*“Some cause happiness wherever they go;
others whenever they go.”*

- Oscar Wilde

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Linker til site's basert på Fast teknologi

- www.scirus.com (vitenskapsinnhold – se navigasjon på høyre side)
- www.careerbulder.com (jobbannonser)
- www.thisistravel.co.uk (søk på hoteller i london)