

Search Powered Applications for the Enterprise

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Search-Based Application

From Wikipedia, the free encyclopedia

Software applications that use a search engine platform as the core infrastructure for information access and reporting.

Aggregate, normalize and classify unstructured, semi-structured, and structured content across multiple repositories.

Employ natural language technologies to access the aggregated information.

Powerful Features with Search



- Full text search
 - Autocomplete
 - Context aware
 - Did you mean suggestions
 - Highlight search snippets
 - Facets
- Near Real-time indexing
- Unify Structured & Unstructured Data
- Extremely Fast Performance

Popular Search Technology Platforms



- Introduced in 2004
- 4.X version since 2012
- Open source Apache Project
- Lucene based
- Widely used



- Introduced in 2010
- Lucene based
- Open source
- Gaining traction
- Used by Bloomberg, Associated Press, New York Times, GitHub, Foursquare...

SBA Examples

- E-discovery
- Regulatory Compliance
- Fraud Detection
- Sales Prospecting
- Customer Support
- And more...

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ACTIVITY TREND BY NOTICE DATES



OPPORTUNITY ANALYSIS

This suite provides a view into potential and historic activities that inform decisions. Information can be accessed through analytics, lists and dynamic mapping.

CURRENT		PAST		
1,358	Open Opportunities	111K	Archived Opportunities	
1,320	Contracts awarded for \$25.9B	61K	16K	34K
38	Grants	Grants awarded for \$25.9B	Grants awarded for \$25.9B	Others



Legend: ■ Power Over Rights to See Data

[INDUSTRY ANALYSIS](#)

[AGENCY ANALYSIS](#)

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Govini Case Study

Resolve Common Enterprise Issues



Major Bank
Case Study

Robust Data Access Driven by Search

Client Summary
Expandable view provides the user with Client Group name, full client details. Indicative data, coverage details, etc.

Do Not Trade
Icon indicating to user to DO NOT TRADE. Color of clients name changes to reflect DNT status.

Credit Line
Displays all credit lines "Owned" by the client.

Credit Line Details Tabs
Provides details about the selected credit line.

The screenshot displays the 'Enterprise Workstation' interface for a client named 'STATE STREET FIRST BOSTON SA'. The interface includes a navigation bar with tabs for DASHBOARD, CLIENT, DOCUMENTS, LIMITS, and TASKS (14). A search bar is located in the top right. The client summary section shows details such as 'SHORT NAME: SSGA (Massachusetts)', 'CREDIT FAMILY NAME: STATE STREET BANK', and 'COUNTRY OF ASSETS: United States'. It also lists 'NEXT REVIEW DATE: 31-OCT-2013', 'OBLIGOR RATING: 4+', and 'CLIENT ID: 00011223344'. Financial metrics include 'PRIMARY EXPOSURE: 376,957', 'TREASURY: -', 'OPERATING: 203,410', and 'OTHER: 94'. A summary row indicates 'TOTAL FACILITIES: 42', 'TOTAL EXPOSURE: 36,000,000', 'TOTAL UTILIZATION: 33,500,700', 'TOTAL BREACHES: 33', 'TOTAL OVERDRAFTS: 42', and 'PENDING PROPOSALS: 6'. Below this is a table of credit lines with columns for alerts, credit line name, code ID, exposure amounts, client amounts, and status. The table lists 9 credit lines, with CREDIT LINE #6 highlighted in yellow. At the bottom, the 'CREDIT LINE #6' details are shown, including 'CREDIT LINE OWNER: 09 - Commitment Revol/Short TM', 'ID: 0123456789', 'CREDIT ID: 154182', 'LIMITS: APPROVED AMOUNT: 950,000', and 'CREDIT LINE DATES: LAST AVAILABLE DATE: 01-DEC-13, EFFECTIVE DATE: 03-SEPT-05, DOCUMENTED MATURITY DATE: 31-DEC-15, UNDER AGREEMENT DATE: 08-AUG-01, TENOR: 1 YR'.

Alerts / Tasks Buttons
Positioning currently being decided.



Modern Search Capabilities

Enterprise Workstation Hello David

MY TOP 50 CLIENT PORTFOLIO CLIENTS: 50 TOTAL PRIMARY EXP: 36,000,000 USD TOTAL TREASURY EXP: 16,000,000 USD

ALERTS	CREDIT FAMILY / CLIENT	CLIENT ID	PRIMARY EXPOSURE
[+]	ABBOTT LABORATORIES	009310223-000	43,601
[+]	ABEX	007018229-000	1,273
[+]	AERDQUIP-VICKERS	020111228-000	5,000
[+]	ALCOA	005310226-000	
[+]	ALLEGHENY INTERNATIONAL	108818224-000	37,065
[+]	AMERICAN AGRICULTURAL CHEMICAL	207212223-000	26,290
[+]	AMERICAN BAKERIES	414914222-000	
	AMERICAN BOSCH ARMA	212646211-000	280,000
	AMERICAN CHAIN & CABLE	917310266-000	215,000
	AMERICAN FOREST PRODUCTS	646319297-000	
[+]	AMERICAN STANDARD	009310198-000	170,000
	ANCHOR HOCKING	008310299-000	
	ANDERSON-RICHARD OIL	005310226-000	
	ANHEUSER-BUSCH	108818224-000	
[+]	ARMCO	207212223-000	
[+]	ARMOUR	414914222-000	
	ARMSTRONG HOLDINGS	212646211-000	
	ARMSTRONG RUBBER	917310266-000	16,921
[+]	ARVIN INDUSTRIES	646319297-000	291,500
	ASARCO	009310298-000	0
[+]	ASHLAND	008310299-000	102,362
	ATLAS POWDER	009310198-000	25,009
	AVON PRODUCTS	008310299-000	

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Search

Google-like keyword entry with Auto Complete. Displays list of Top 10 matching items based on keyword entry. Search based on all available Client and Credit lines names and identifiers. E.g. "Ford Derivatives" will return all clients matching "Ford" in the name and associated derivatives credit lines.

Order By

Results can be ordered based on Relevancy, Alphabetical by Name and Recency.

Narrow By Facets

Search facets providing further categorization to guide the search drill down within the results set.

Show More

Display entire list of facets.

Enterprise Workstation Hello David

Fort [SEARCH]

SEARCH RESULTS Order By: **RELEVANCY** NAME DATE

All Client Results (95)

CLIENT
Fort (China) Company Limited - Fort NA
 2025 Park Avenue Suite 200, New York, NY 10010
 ID: 000123456789 | Code: 0123456-01 | Sector: NA | Division: NA | Region: NA

CLIENT
Fort 401k Plus Plan - Fort 401(k) Plus Plan
 1024 Peri Plaza Suite 200, New York, NY 10023
 ID: 000123456789 | Code: 0123456-01 | Sector: NA | Division: NA | Region: NA

CLIENT
Fort Australia Limited - Fort Australia LTD
 2 Wall Street Suite 800, New York, NY 10038
 ID: 000123456789 | Code: 0123456-01 | Sector: NA | Division: NA | Region: NA

CLIENT
Fort 401k Plus Plan - Fort 401(k) Plus Plan
 1024 Peri Plaza Suite 200, New York, NY 10023
 ID: 000123456789 | Code: 0123456-01 | Sector: NA | Division: NA | Region: NA

CLIENT
Fort Canada Limited - Fort Canada LTD
 2 Wall Street Suite 800, New York, NY 10038
 ID: 000123456789 | Code: 0123456-01 | Sector: NA | Division: NA | Region: NA

CLIENT
Fort (China) Company Limited - Fort NA
 2025 Park Avenue Suite 200, New York, NY 10010
 ID: 000123456789 | Code: 0123456-01 | Sector: NA | Division: NA | Region: NA

CLIENT
Fort 401k Plus Plan - Fort 401(k) Plus Plan
 1024 Peri Plaza Suite 200, New York, NY 10023
 ID: 000123456789 | Code: 0123456-01 | Sector: NA | Division: NA | Region: NA

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Narrow Results

CLIENTS (95)

- COUNTRY
 - USA (28)
 - UK (13)

SHOW MORE

SECTOR

- Sector 1 (28)
- Sector 2 (19)

SHOW MORE

DIVISION

- Division 1 (28)
- Division 2 (19)

SHOW MORE

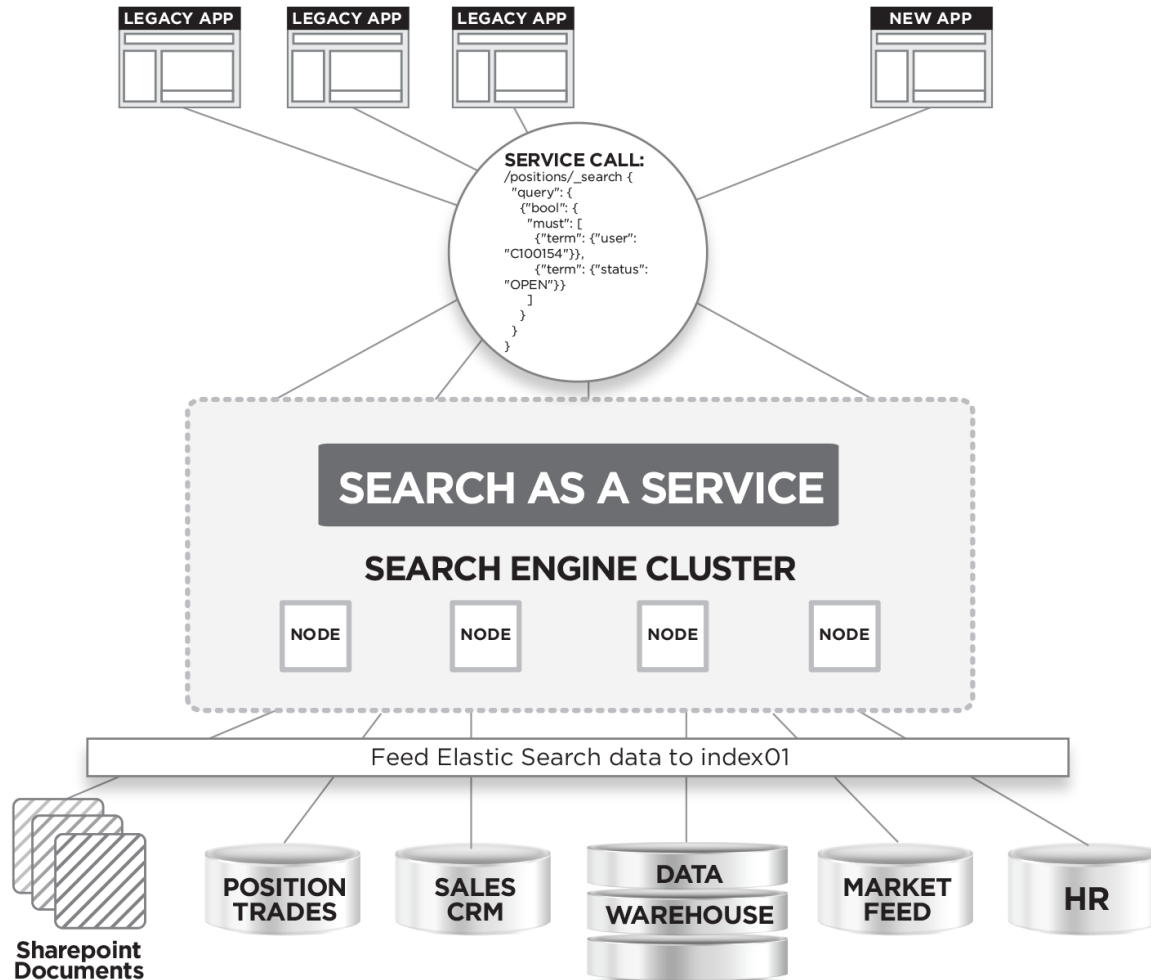
REGION

- Region 1 (28)
- Region 2 (19)

SHOW MORE

CREDIT LINES (123)

Use Search as an Enterprise Data Infrastructure Component



Sharepoint Documents

Summary

Search based applications

- Aggregate vast amounts of content
- Access data with near natural language
- Are extremely fast and scalable
- ...

An Opportunity for Enterprise Organizations

- Reduce workflow friction
- Introduce innovation
- Breathe life into legacy apps
- ...

Thank You

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