



Rocket® NXT Product Family

Search Made Simple

Intelligent search results—
NXT knows what you really
mean!

Empower your big data
solution by categorizing and
leveraging key pieces of text
within unstructured data

Improve productivity by
delivering information in
meaningful libraries

Ensure the right users see the
right content with security
and access management

Support growth with a
distributed network architec-
ture and load-balancing

Expedite deployment with a
simplified setup and prebuilt
user interfaces

Rocket® NXT gives you everything you need to gather, index, search, and display content on your corporate intranet, over the Web, and on any device.

Information is both a valuable asset and an expensive burden. It fuels the success of your business. But how do you go about making up-to-date information available to all your employees, partners, and customers when they're not connected to your network? How can you lower the cost of assembling and distributing information to both online and offline users? And how do you eliminate the risks and lost productivity that occur when people can't find or access the latest, most current information?

These are difficult, complex questions, and NXT is ready to answer them. NXT is a search platform that provides you with an integrated solution for gathering, indexing, and searching content. Your NXT content can be displayed publicly on the Internet., privately on your corporate intranet, on your employees' hard drives, on DVD, or mobile devices. NXT makes the information your business depends on more accessible and useful with powerful search and navigation tools. It provides all of the pieces you need to quickly make new information available, to keep your existing content current, and to tightly control access to sensitive information. With NXT you can lower the costs and risks of managing and maintaining your corporate information. NXT addresses your toughest information challenges with one complete and integrated solution.

GATHER Various file types are collected and analyzed

SECURE!

INDEX Content is aggregated into a secure, searchable container

2.5%

Real gross domestic product increased at an annual rate of 2.5% in the 2nd quarter of 2013. In the 1st quarter, real GDP increased

2013

gross domestic product

DISPLAY Results delivered to devices and automatically formatted

desktop tablet phone

SEARCH Powerful, customizable queries are executed

GDP % increases in 2013 |

GO!

A Complete Search Platform

Intelligent search results—NXT knows what you really mean!

Let's face it; the most important element to a search solution is the confidence that you'll find the answers to your questions quickly. You want to enter a search word or phrase and have the results returned contain the exact information you are looking for. Rocket NXT uses semantic evaluation as a means to understand the user's intent, as well as the contextual meaning of terms as they appear in the searchable Infobase. To employ this approach, NXT supports many powerful search features such as boolean, wildcard, phrases, stemming and thesaurus, proximity and range, and more. In simple terms, if a user types in "How to file a patent for utility not designs", the words within the search phrase are evaluated as follows:

1. "Patent" is evaluated against a legal thesaurus and maps to the following terms: manifest, license, concession, protection, limitation
2. "File" is extended using stemming techniques, adding "filing" to the included terms
3. Synonyms for "File" are leveraged to include "categorize, register, record, classify"
4. "Not" is evaluated as a boolean and excludes design patent docs
5. The words "to," "a," and "for" are considered stop-words and are ignored when processing the query.

NXT connects the dots for you by considering context of search, variation of words, specialized queries, and location. The end result is increased relevancy that delivers answers quickly.

Empower your big data solution by categorizing and leveraging key pieces of text within unstructured data

"With the exponential growth of digital content, 90% of the content created by 2015 will be unstructured data."¹ NXT gathers disparate content not just from structured sources (databases) but also from semi-structured (XML documents and spreadsheets) and unstructured sources (PDFs, Microsoft PowerPoint and Microsoft Word documents). With the amount of intelligence stored in unstructured content, it is imperative that a search solution leverage the data within unstructured content. In its native format, unstructured content is viewed as a long string of text, making range searching, categorical drill-down, and other advanced search features impossible. To address this, NXT establishes key words within the unstructured content and develops a relational association to provide the necessary structure for search and retrieval.

You can be confident that as your users search for content, their results will not be limited to information stored in your enterprise database. With NXT, relevant information will be displayed from PowerPoint® presentations, PDF files, Word® documents, and other forms of unstructured text. With a complete view of information, users get complete answers to their questions and make more informed decisions based on a comprehensive result set.

Improve productivity by delivering information into meaningful libraries

NXT provides a unique approach to information discovery. Rather than relying solely on a sequential list of search results, NXT employs a comprehensive user interface that includes a table of contents to categorize documents into a meaningful library. Users can easily navigate through expandable sub-categories within

the hierarchical content view. This view provides a contextual dimension to the information in your corporate reference library. The productivity of everyone in the organization is improved when information is more accessible, easier to navigate, and easier to find. Furthermore, result matches are counted and listed in line (as seen in Figure 1), so users can quickly see where relevant content resides.

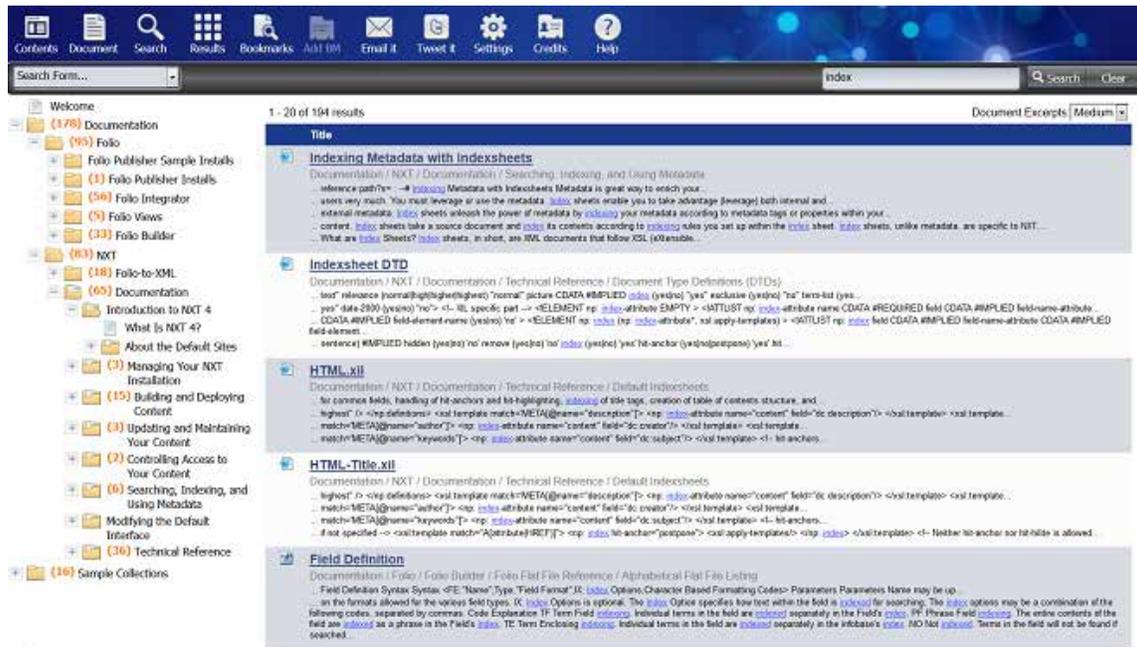


Figure 1: Quickly and easily navigate within the intuitive user interface, which includes a table of contents that highlights total number of hits for a search term within each branch

Ensuring the right users see the right content with security and access management

NXT software lets you control who can access information, what they can do with it, how long they can use it, and how many concurrent users are allowed. Whether users are accessing the information online, from a local hard drive, or from a DVD, NXT provides a flexible yet powerful approach to security subscription management. NXT can also generate passwords that unlock secure or expired data. When necessary, you can drill-down to any level of granularity to suit your security needs, all the way to the document level. Customized views can be created and tailored to different audiences to address their unique requirements, all while preserving a single location for your content.

NXT easily integrates into your LDAP system or it can be customized to work with database systems using a C++ API. For access governance, NXT can also track the details of each user's activity: from which documents are retrieved to the exact queries made. With NXT, your most valuable information is always secure, protected, controlled, and monitored.

Supporting growth with a distributed network architecture and load-balancing

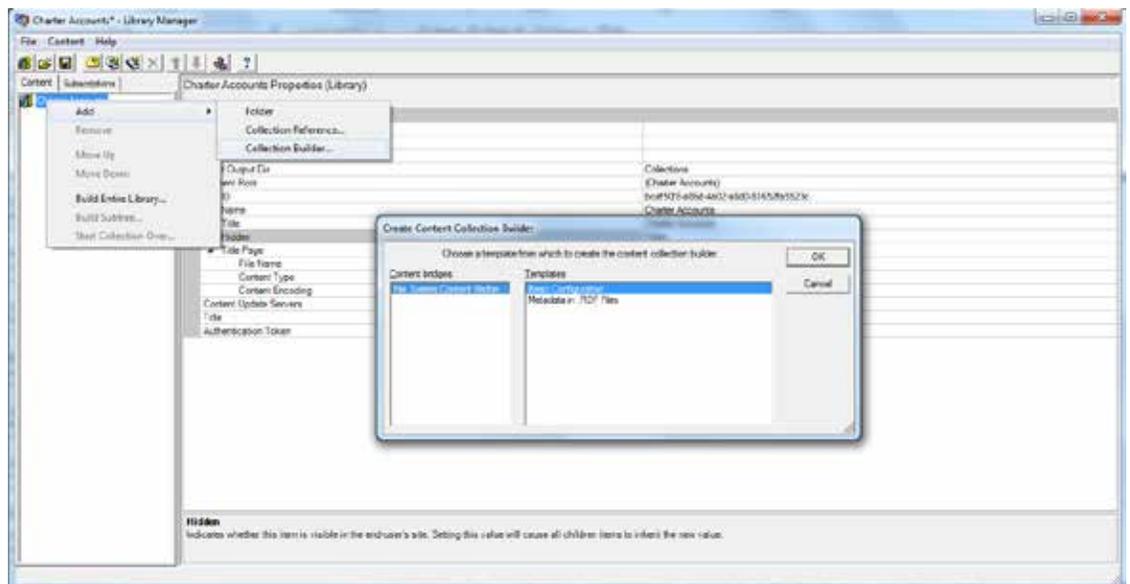
“From now until 2020, the digital universe will double every two years, reaching 40 trillion gigabytes in 2020.”² With this level of exponential growth, an increase in the number of end-users who require access to content, and the expectation that content retrieval should take milliseconds, you need a solution that can scale. NXT was engineered to meet these demands without a hefty price tag.

HTTP/RESTful APIs are the backbone of NXT's flexible distributed network architecture. This allows for user scaling through standard network load balancing. This approach aims to optimize resource use, maximize throughput, minimize response time, and ensure a reliable system that is built to meet the demands of your users.

Expedite deployment with a simplified setup and prebuilt user interfaces

Search-made-simple starts with an intuitive approach to initial deployment. You use one simple process to assemble, prepare, and secure your content, and then deliver it directly to your corporate intranet or your users' hard drives, even when they're not connected to the Internet. NXT makes it easy to assemble and update content from across your organization. With its unique incremental indexing technology, NXT provides updates to your content and connects users with near real-time information when it's most valuable.

The AJAX-based web interface is completely flexible and can be customized using standard web programming technologies. This allows you to create feature-rich web applications without spending hours understanding proprietary technology. A variety of search and navigation widgets can be combined to meet your unique needs.



Experience an enterprise strength solution

The integrated NXT search platform offers technology that simplifies the process of making information available to end users. NXT is built to handle the demands of the world’s largest businesses, and it has enough horsepower to deliver gigabytes of your information to thousands of people every day. With NXT, you gain the peace of mind that comes from using a proven search platform that’s fast, reliable, and scalable.

NXT also includes a Software Developer’s Kit that gives you the flexibility to integrate NXT with your existing systems and to customize the user interface to adapt the solution to meet your unique needs.

Rocket NXT Enterprise Server contains the following components:

Rocket® NXT Online Server	The core system for delivering online content over the Internet, or corporate intranets, giving your employees a rich, industrial-strength interface for searching, browsing, and viewing the information you publish.
Rocket® NXT Solo Client	A browser-based client that provides access to offline information
Rocket® NXT Builder	The tools for confirming, optimizing, and pulling content into your reference library from existing systems for use with NXT Online Server and NXT Solo Client.
Rocket® NXT ODBC Content Bridge	An add-on to NXT Builder for building content from ODBC data sources.
Rocket® Folio-to-XML Converter	Utilities for converting Folio Infobases into XML for use with NXT.
Rocket® NXT SDK	A Software Developer’s Kit that provides APIs, documentation, and samples for extending security, expanding search capabilities, and customizing the NXT Online Server user interface.

Explore the NXT difference

For more information, contact a Rocket partner or sales representative at info@rocketsoftware.com, or visit our website at www.rocketsoftware.com

1. John Gantz and David Reinsel “Extracting Value from Chaos”. IDC View, June 2011

2. John Gantz and David Reinsel “The Digital Universe in 2020: Big Data, Bigger Digital Shadows, and Biggest Growth in the Far East”. IDC View, December 2012



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