

IAEA Archive of Free Accessible Web-based Nuclear Information (NuArch)

A.Pryakhin, IAEA

Topics

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Objectives and approach

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History

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How it works

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Questions and answer

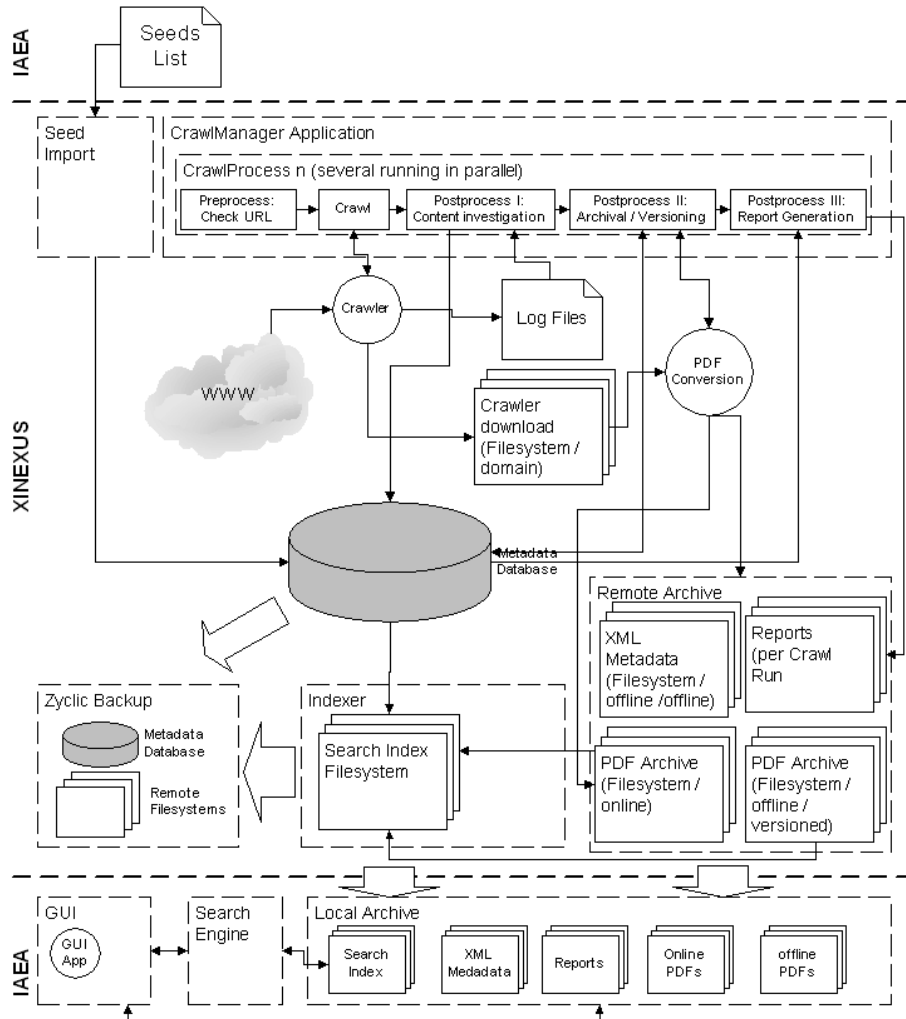
Objective

- ❖ To establish an Archive of Freely Accessible Web-based Nuclear Information (FAWNI or NuArch Project),
- ❖ Sub Programme 1.3.3 (C.3.), Project 1.3.3.3, Task 5

History

- ❖ NuArch project has been initiated in 2005
- ❖ Sub Programme 1.3.3 (C.3.), Project 1.3.3.3, Task 5
- ❖ 2008 – upgrade to Exalead and new SoW
- ❖ 2009, February – 1st meeting with the supplier
- ❖ 2009, June – commissioning with the first crawled data

NuArch – process overview



- ❖ Source:
 - maintenance of the URLs
 - seed URLs
- ❖ Crawler
 - documents – i.e. pdf
 - webpages – converted to pdf
- ❖ Indexing
- ❖ Updating IAEA data store
- ❖ Search it!

Search

Simple

Current | [Archive](#) | [All](#)

 [Advanced search](#)

Advanced

Advanced search [Close](#) **X**

What?

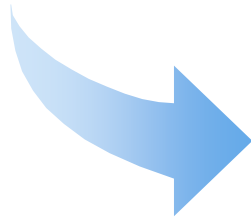
- [exact phrase](#) e.g. "to be or not to be"
- [forbidden terms](#) e.g. cow -mad
- [words starting with](#) e.g. messag*
- [phonetic spelling](#) e.g. soundslike:exallead
- [approximate spelling](#) e.g. spellslike:exlaead
- [adjacent words](#) e.g. (stock NEAR exchange)
- [logical expression](#) e.g. ((fast OR speed) AND NOT light)
- [regular expression](#) e.g. /a.c/

Additional search fields

- [in the text of a document](#) e.g. text:"to be or not to be"
- [in the title of the document](#) e.g. title:(some title)
- [modified after a given date](#) e.g. after:31/12/1999
- [modified before a given date](#) e.g. before:31/12/1999
- e.g. language:en
- e.g.: filetype:html

Search Results

Simple View



Search Results Results 1-10 of about 6,748 for corporate/tree:Top

Sort by relevance - [Sort by date](#) | View:

<http://www.anl.gov/ARTS/moscow.html>
2009/03/18-00:56:17 presents the MOSCOW CHAMBER ORCHESTRA Constantine Orbelian, Music Director Auditorium, ... 110A ExpertPDF Software Components Meditation, ...
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1 Covenant Against Contingent Fees (Apr 1984) ... 11 Classification/Declassification (Sep 1997)... 13 Preference For U.S.-Flag Air Carriers (Jan 1997)...
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Language

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Search Results




Advanced View


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- America's 

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Search within results

Document preview

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Preview 5 terms found: corporate/tree:Top François BOURDONCLE < previous next >

Why Has Search Become So Hard?

Seven things you should know before you pursue enterprise search.

Jun 12, 2006 By François Bourdoncle http://www.cio.com/weighin/column.html?CID=21987 One decade ago, the average PC hard drive offered 100MB of storage capacity, according to the Computer History Museum in San Jose, Calif. Today, the average hard drive in a home PC holds 2,500 times more storage, a necessity given the incredibly large amounts of data we generate each and every day. Whether it's in the form of e-mail, text documents or multimedia files, having the right information at our fingertips is essential for making business decisions. We rely on information to learn about our companies, our customers, a given market and key competitors. We make purchasing decisions based on information. And more and more, we turn to the Web for information, often before searching our own PCs or company databases. That's because search inside a business has become too difficult. We all possess the ability to search smarter and to search easier. You wouldn't buy a sleek, shiny new sports car if it didn't have a powerful engine, would you? The same thinking can be applied to choosing search software. Here are seven tips to help find the right search engine for your business and search better in the process.

1. Search Should Begin with Your Desktop Whether you're searching for an e-mail, a file on the server or a document on the Web, all searches begin from your desktop. In recent years, the growth of unstructured data has made the corporate desktop the key portal to access data within the organization. With this heightened awareness, dozens of vendors have released products for both business and consumer use. To help evaluate and determine which desktop search solution is right for you and your organization, consider the following questions:

- Does the solution respect user privacy? Does it respect the existing security policies within your organization?
- • •
- Is it easy to use for both novice and power users? Is there a range of advanced search features available? Will your IT administrator be able to deploy the software and manage updates from a single console, or set access policies? Can the solution index the content within your organization? Does it offer support for a variety of e-mail programs?

2. Simple Can Be Too Simplistic—Search the Way You Think There are dozens of free desktop search tools and Web search engines available to consumers on the Internet. But just because they are accessible doesn't mean they are appropriate for business-related searches within the enterprise. Thanks to popular search engines, consumers have realized how easy it can be to explore content on the Web. But sometimes getting a simple list of results can be too simplistic for business-related search queries in that they spit back a list of results—a list that is usually abandoned if the right result isn't in the top three spots. Search engines should mimic the way people think. The reality is that in most cases, a thought sparks a related thought that eventually leads you to the right result or answer. all by serendiviv 3. I Understand the Two Schools of Search Web search is different from enterprise search. Web or Internet search is the process of

Questions and answers

❖ Any Questions?



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International Atomic Energy Agency

Atoms for Peace

Thank You !

<http://www.iaea.org/NuclearKnowledge>

Prepared by

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INIS & Nuclear Knowledge Management Section
Department of Nuclear Energy
International Atomic Energy Agency**