Program: IXSF Search 1.2

Author: Alexey Veremenko mailto:alexeyve@yandex.ru

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## Disclaimer

The information provided in this document can be used solely at your own risk. Author does not provide or imply any kind of warranty for the Program or your use of the information in this document.

### Description

The Program is designed for searching documents (files) in an intranet or locally on desktop computer. The Program uses web-interface as it's shown on the picture below.

🕙 IXSF Search - Microsoft II	nternet Explorer						
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites ]	<u>T</u> ools <u>H</u> elp						<b>1</b>
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Address 🥘 http://localhost/ixsf/S	earchForm.asp?what=Docs				~	🖌 🔁 Go	Links »
<u>Keys</u> Catalog:	Docs 💌	Max Records:	40		Show Abstracts		~
Find Text:			<u>explain</u>		Exact Phrase		
Path Substring [*,?]:		🔲 Out	<u>explain</u>				
File Name [*,?]:		🔲 Out	explain				
File Extension:		🔲 Out	<u>explain</u>				=
	Search	<u>query syntax</u>		© 2005	-2007 <u>IXSF.com</u>		
Advanced Query:				<u>explain</u>	<u>msdn</u>		
Indexing Service Catalog List:							
<ul> <li><u>CodeSamples</u> D:\Catalogs\CodeSamples, 26 MB, 29061, 0</li> <li><u>Docs</u> D:\Catalogs\Docs, 192 MB, 8330, 143</li> <li><u>DocsHTML</u> D:\Catalogs\DocsHTML, 11 MB, 8303, 0</li> <li><u>DocsMisc</u> D:\Catalogs\DocsMisc, 129 MB, 18273, 0</li> </ul>							
é					Sector Loc	al intranet	

🗿 IXSF Search Results - Microsoft Internet Explorer						
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Address http://localhost/ixsf/SearchResults.asp 🕑 Go Links 🎽						
Results for the query of catalog Docs • Query: (\$contents program)						
%	Title:	Size:	Modified:	HitCount:	Rank:	
1.	index.html	49K	July 7, 2001	8	50%	
2.	java(tm) boutique - strutstestcasethe tool for struts unit testing - pt 2 - page 4.htm	58,5K	September 13, 2004	12	50%	
3.	ch28.htm	46,3K	March 14, 1998	59	44%	
4.	<u>ch13 04.htm</u>	18,3K	December 26, 2001	14	43%	
5.	index html	44,6K	July 7, 2001	7	43%	
6.	index html	52,4K	July 7, 2001	7	43%	
7.	s.converting.mem4	4K	January 13, 1998	5	41%	
8.	setup.txt	3,4K	October 5, 2001	5	41%	
9.	java(tm) boutique - strutstestcasethe tool for struts unit testing - pt 2 - page 5.htm	55,7K	September 13, 2004	5	41%	
10.	index.html	46,3K	July 7, 2001	6	36%	
<ul> <li>Query Start: 21:26:52</li> <li>Query End: 21:26:52</li> <li>Query Time: 0</li> <li>Results Found: 10</li> <li>Reached Maximum Records Limit: Yes</li> </ul>						
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### **System Requirements**

A computer of workstation class with OS Windows XP/2000/2003. OS must have installed the following components:

- Indexing Service
- Internet Information Services

#### **Program Installation**

- 1. Locate web-publishing catalog (usually C:\Inetpub\wwwroot)
- 2. Create a folder with some name, i.e. "ixsf"
- 3. Copy files SearchForm.asp and SearchResults.asp to this folder
- 4. Setup new web-site for work
- 5. Setup Indexing Service for an optimal search

#### Web Site Setup

Launch "Permissions Wizard" task



and select the following options:

Security Settings Security settings control how users are authenticated and what content they may view.				
Do you want security settings to be inherited from the parent site or virtual directory, or do you want to select new security settings?				
Do you want security settings to be inherited from the parent site or virtual directory, or do you want to select new security settings? Inherit all security settings Select new security settings from a template				
< <u>B</u> ack <u>N</u> ext > Cancel				
Description Winned				
Permissions Wizard       Image: Comparison of the security settings will be automatically selected for your site.				
Select a scenario that best describes your site				
Scenario:       Description:         Public Web Site       Allows all users to browse static and dynamic content.         Secure Web Site       Image: Content c				

Windows Directory and File Permission Windows 2000 and Windows XP director site's security settings.	<b>ns</b> any and file permissions should match your	UP		
The recommended Windows 2000 and Windows XP directory and file permissions for your site are:				
Administrators have full access to Everyone can read files	files			
<u>Replace all directory and file permissi</u>	ions (recommended)			
Leave current directory and file permissions intact, and add the recommended permissions Keep the current directory and file permissions				
	C Pack Neut Ca	ncel		
		noor		
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ermissions Wizard		<u></u>		
Security Summary The security settings shown below have	been selected for your site.	R		
		GI -		
To apply the following settings, click Nex	xt.	CA}		
To apply the following settings, click Nex Authentication Methods Anonymous users allowed Directory browsing Directory cannot be browsed Disable default documents	<i>«</i> ۲.	<i>G</i> (j		
To apply the following settings, click Nex Authentication Methods Anonymous users allowed Directory browsing Directory cannot be browsed Disable default documents Access Permissions Files can be viewed Scripts can be run IP Address Restrictions (None)	xt.	<b>(</b>		
To apply the following settings, click Nex Authentication Methods Anonymous users allowed Directory browsing Directory cannot be browsed Disable default documents Access Permissions Files can be viewed Scripts can be run IP Address Restrictions (None) The following ACLs will replace existing I Administrators have full control Everyone has the following acces	kt. file ACLs: ess permissions:	<ul> <li>•</li> </ul>		

Then setup web-site working under Administrator account



Click Browse and select Administrator account

# **Indexing Service Setup**

- 1. Create a folder for index data (this requires some free space on your hard drive, depends on data to be indexed may require from 100MB to 10GB) e.g. D:\Catalogs.
- 2. Create new catalog in Indexing Service (this service needs to be stopped before doing that).

«My Computer» -> «Manage ...» -> «Indexing Service» (right click) -> «New» -> «Catalog»



🖳 Computer Management					×
🗐 File Action View Window He	P			_ 8	×
Computer Management (Local) System Tools Superior Viewer Shared Folders Shared Folders Cocal Users and Groups Performance Logs and Alerts Device Manager Storage Removable Storage Disk Defragmenter Disk Management Services and Applications Services WMI Control Docs MMI Control CodeSamples Docs Docs Docs DocsMisc DocsMisc DocsMisc DocsMisc Disk System Disk Janagement Services MMI Control Docs Docs Docs DocsMisc Disk Janagement Services MMI Control Docs Docs DocsMisc Disk Janagement DocsMisc DocsMisc Disk Janagement DocsMisc Disk Janagement DocsMisc Disk Janagement DocsMisc Disk Janagement DocsMisc Disk Janagement Disk Janagement DocsMisc Disk Janagement Disk Janagement DocsMisc Disk Janagement Disk Janagement DocsMisc Disk Janagement Disk Janagement Disk Janagement Disk Janagement DocsMisc Disk Janagement Disk Jan	Add Catalog Name: Location:	NewDocs D:\Catalogs OK	Name System Tools Storage Services and App Cancel	olications	
Create new catalog					

3. Add folders of your choice into this catalog (those you want to search files in)

📕 Computer Management					
📃 File Action View Window Help				_ 뭔 ×	
Computer Management (Local)	~	Directory	Alias	Include in Catalog	
Computer Management (Local) System Tools Event Viewer Shared Folders Cocal Users and Groups Performance Logs and Alerts Device Manager Storage Memovable Storage Disk Defragmenter Disk Management Services and Applications Services WMI Control Services WMI Control Docs CodeSamples Docs DocsMisc Propert Media View New View New Window from Here Export List Help	Directory	Directory There are no	Alias	Include in Catalog	
	~	<		>	
Add directory to catalog					

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← → 🗈 🖬 🗟 😫	}	
📃 Computer Management (Loc	al) 🔼	Directory Alias Include in Catalog
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E I Media		
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	×	
Add directory to catalog		

Wait while Indexing Service will finish indexing selected folders.

More info you can find in the documentation on Indexing Service.