

NXFINFO

**A detailed inventory
of your Domino environment**

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NxFinfo

With NxFinfo you can create a detailed inventory of the files in the data-directories of your Domino servers. The information becomes available in a Notes database and can be shared in a secure environment.

NxFinfo can run scheduled on the Domino server(s). In an accompanying Notes database the information of the Domino related files is collected including information of the server(s) and the OS. Collected information can be used in overviews, selections and during analyses. NxFinfo can be used during projects but will also be a great help during daily administration tasks of the Domino environment.

Using a program document makes it possible to run NxFinfo on a scheduled base.

Examples of information collected during the inventory:

- ACL settings and history
- ODS, size and quota
- Activity of data and non-data modifications
- User activity
- Number of documents and deletion stubs
- Background agents
- Replication formulas, history and settings
- Design settings
- Removed databases/templates
- Server and OS info

The current NxFinfo version runs on different Windows platforms and can be used in combination with 4.5, 5.x, 6.x and 7.0 Domino servers. The details are based on properties available in the 5.x API.

The next release will also contain release 6 properties. On request we are able to make NxFinfo available for other platforms, besides the Windows platform.

NxFinfo.exe

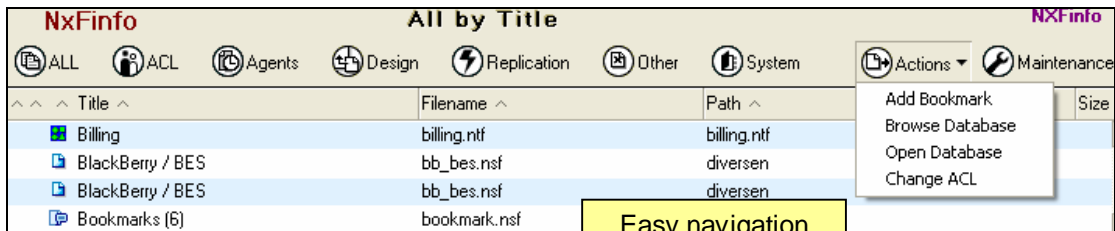
```

28-11-2005 20:09:04 NxFinfo: Starting.....
28-11-2005 20:09:04 NxFinfo: Created by ECIT. Version 1.03.651.
28-11-2005 20:09:04 NxFinfo:
28-11-2005 20:09:04 NxFinfo: Starting initialization....
28-11-2005 20:09:05 NxFinfo: Using Default settings
28-11-2005 20:09:05 NxFinfo: Starting housekeeping....
28-11-2005 20:09:12 NxFinfo: .... Total number of logs deleted : 1
28-11-2005 20:09:12 NxFinfo: Finished housekeeping....
28-11-2005 20:09:12 NxFinfo: Total number of docs found : 65.
28-11-2005 20:09:12 NxFinfo: Finishing initialization....
28-11-2005 20:09:12 NxFinfo:
28-11-2005 20:09:12 NxFinfo: Updating Server Info document
28-11-2005 20:09:34 NxFinfo:
28-11-2005 20:09:35 NxFinfo: Starting processing files....
28-11-2005 20:09:41 NxFinfo: ACTIVITY.NSF .
28-11-2005 20:09:41 NxFinfo: ACTIVITY.NTF .
28-11-2005 20:09:42 NxFinfo: ADMIN4.NSF ....
28-11-2005 20:09:42 NxFinfo: ADMIN4.NTF ...
    
```

Add-in task on the Domino server



Information stored and shared via a Notes database



Easy navigation and simple actions

Server info

Server	System	Notes	Disks	Free
Server1/ECIT	CPU: 1 Processor, 32 HD OS: Win 2000 Service Pack 4 Name: DELLSERVER	Error: 0 100% yes 1.24 Gb	Drive: D 1.24 Gb (19.1%)	1.24 Gb (19.1%)
Server2/ECIT	CPU: 1 Processor, 32 HD OS: Win 2000 Service Pack 4 Name: DELLSERVER	Error: 0 100% yes 1.24 Gb	Drive: D 1.24 Gb (19.1%)	1.24 Gb (19.1%)

Disk space status on WIN platforms

Server	System	NxF info																								
System																										
Machine name:	DELLSERVER																									
Operating system:	WIN 2000																									
OS version:	5.0 Service Pack 4																									
CPU's	1																									
Path:	C:\WINNT\System32; C:\WINNT\System32\wbem; D:\Lotus\Domino; C:\Program Files\Dell\OpenManage\omlibin; C:\Program Files\Dell\OpenManage\LUbin; C:\Program Files\Dell\OpenManage\oldiagbin; C:\Program Files\Dell\OpenManage\OMSAbin; C:\Program Files\Dell\OpenManage\Wray Manager																									
Memory:	0 Mb																									
Disks:	<table border="1"> <thead> <tr> <th>Drive</th> <th>Size</th> <th>Free</th> <th>Notes data</th> <th>Notes program</th> <th><Dir> link</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>39.1 Gb</td> <td>32.4 Gb</td> <td>(82%)</td> <td>-</td> <td>-</td> </tr> <tr> <td>D</td> <td>72.7 Gb</td> <td>64.5 Gb</td> <td>(88%)</td> <td>-</td> <td>-</td> </tr> <tr> <td>E</td> <td>111.8 Gb</td> <td>30.9 Gb</td> <td>(27%)</td> <td>Yes</td> <td>-</td> </tr> </tbody> </table>	Drive	Size	Free	Notes data	Notes program	<Dir> link	C	39.1 Gb	32.4 Gb	(82%)	-	-	D	72.7 Gb	64.5 Gb	(88%)	-	-	E	111.8 Gb	30.9 Gb	(27%)	Yes	-	
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C	39.1 Gb	32.4 Gb	(82%)	-	-																					
D	72.7 Gb	64.5 Gb	(88%)	-	-																					
E	111.8 Gb	30.9 Gb	(27%)	Yes	-																					

System information

Server	Start Time	Duration	Version
28-11-2005			
Server 2	00:25:02	00:25:02	1.08.651
Server 4	00:25:02	00:25:02	1.08.651
25-11-2005			
Server 2	00:25:02	00:25:02	1.08.651
Server 4	00:25:02	00:25:02	1.08.651
24-11-2005			
Server 2	00:25:02	00:25:02	1.08.651
Server 4	00:25:02	00:25:02	1.08.651
21-11-2005			
Server 2	00:25:02	00:25:02	1.08.651
Server 4	00:25:02	00:25:02	1.08.651

NxFinfo logs

```

Server2/ECIT
28-11 00:25:02 - 28-11 00:33:56

00:25:02 - Created by ECIT. Version 1.08.651.
00:25:02 - Starting.....
00:25:02 -
00:25:02 - Starting initialization....
00:25:02 - Using Default settings
00:25:02 - Starting housekeeping....
00:25:03 - .... Total number of logs deleted : 1
00:25:03 - Finished housekeeping....
00:25:03 - Total number of docs found : 206.
00:25:03 - Finishing initialization....
00:25:03 -
00:25:03 - Updating Server Info document
00:25:08 -
00:25:09 - Starting processing files....
00:25:10 - ACTIVITY.NSF (Activity Trends (Server4))
00:25:13 - ACTIVITY.NTF .... Skipping (19-09-2005 05:06:30)
00:25:13 - ADMIN4.NSF (Administration Requests)
00:25:13 - ADMIN4.NTF .... Skipping (19-09-2005 05:06:41)
00:25:14 - AGENTRUNNER.NSF .... Skipping (04-10-2005 02:05:09)
00:25:15 - ALOG4.NTF .... Skipping (19-09-2005 05:06:44)
00:25:15 - ARCHLG50.NTF .... Skipping (19-09-2005 05:06:47)
00:25:15 - AUTOSAVE.NTF .... Skipping (19-09-2005 05:06:50)
    
```

Data files on the server

Title	Filetype	Path	Size (Kb)	Date Modified	Date Deleted	Server
...	1.707	...	...	Server5
...	158.008	19.08.2005	...	Server5
...	27.048	19.08.2005	...	Server5
...	2.074	...	...	Server5
...	1.161	...	...	Server4
...	9.884	...	...	Server4
...	2.000	...	...	Server5
...	8.182	...	...	Server5
...	9.384	...	...	Server4
...	70.001	...	...	Server5
...	10.707	19.08.2005	...	Server5
...	2.244	6.322	...	Server4
...	4.774	...	...	Server5
...	5.707	...	...	Server5

Different overviews of the Notes files on the servers

Title	Filetype	Path	Server
CDK	...	...	...
DIR	...	...	...
NLF	...	...	...
NDF	...	...	...
SAV	Monitoring Configuration	...	Server5
	File - ...	...	Server5
	File - ...	...	Server5

Including files without the common .NSF and .NTF extension

Removed on	Title	Filename	Path	Size (Kb)	Server
28-11-2005 16:53	Evaluations	eval.nsf	diversen\	648	Server4
28-11-2005 16:53	CD book	cdbook.nsf	diversen\	15.360	Server4
28-11-2005 16:53	Design	example.nsf	diversen\ad\	3.072	Server4
19-08-2005 16:53	Reports (6)	reports344.iib	\	759	Server5
19-08-2005 16:53	Reports (5.0)	resrc50.ntf	\	1.608	Server5
19-08-2005 16:53	Reports (6)	resrc60.ntf	\	2.384	Server5

Track removals on the servers

Title	Filename	Path
21 ODS:20 = R4		
1 ODS:41 = R5		
Domain Catalog	catalog.nsf	catalog.nsf
44 ODS:43 = R6		
Activity Trends (Server4)	activity.nsf	activity.nsf
Activity Trends (Server4)	activity.nsf	activity.nsf
Administration Requests	admin4.nsf	admin4.nsf
Administration Requests	admin4.nsf	admin4.nsf
Administration Requests (6)	admin4.ntf	admin4.ntf
Administration Requests (6)	admin4.ntf	admin4.ntf

ODS version

Database properties and agents

Name	Date	Low Priority	Index	Index	Index
Index	31-12-2004	Low Priority	11	31	119
Index	31-12-2004	Low Priority	152	119	164
Index	31-12-2005	Low Priority	692	1082	710
Index	31-12-2005	Low Priority	1400	2316	1476

Detailed information for each database

- Design is not hidden
- Inherit design from template
 - Template name: StdR4AdminRequests
- Database is a template
 - Template name: _____
- List as advanced template in 'New Database' dialog
- List in Database Catalog
 - Categories: _____
- Show in 'Open Database' dialog
- Do not mark modified documents as unread
- Include in multi database indexing
- Multilingual database
 - Default language: _____

Background agents

Name	Trigger	Runs on Server	Searchtype
Directory Catalog Status Report	According to time schedule	* Choose when enabled *	All documents in database

Usage

Server task

The executable “nxfinfo.exe” needs to be available in the Domino program directory of the server. You can start NxFinfo like other domino-tasks by using the LOAD command on the server console or by creating a program document in the Domino directory. The command “LOAD NXFINFO” can be used with one or more parameters.

Parameters

Parameter	Description
-H or -?	Help. Show parameter overview.
-F	Only scan the <ROOT>.
-F <Filename/Directory>	Only scan the specified file or directory.
-N <Filename>	Name of the database where to store the results of the inventory. The database must already exist. (Default: NxFinfo.nsf in the root of the Domino data directory).
-R	Always refresh the NxFinfo documents. Even when no changes were found since last run.
-S	Server info only.
-V	Verbose screen mode. Shows extra info on screen.
-L	Verbose log mode. Store extra info in the NxFinfo log.

For example:

```
LOAD NXFINFO -Fmail -Nnxfmailinfo.nsf -V
```

will only scan the mail-directory (and subdirectories) and store the information in a database called NXFMAILINFO.NSF. With “-V” you can watch the process on the server console.

Related database

The database used for storing the result documents must be created by using the NxFinfo template. You can create different NxFinfo databases on the server and use the “-N” parameter to select the target database for each run.

By sharing replicas of an NxFinfo database on different servers you can combine information of a collection of servers.

License file

On each server a valid license file (NxFTools.lic) needs to be available in the Domino data directory on the server.