

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

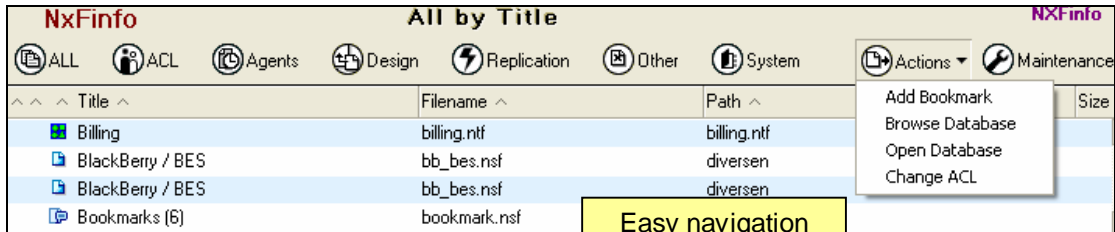
```

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

| | | | | |
|--------------|---|----------------------|--------------------|----------------------|
| Server1/ECIT | CPU: 2 Hz, 2.8 GHz 16 GB, 16 GB Name: DELL SERVER | Drive C | Drive D | |
| | Release Date: 9/08/2004 6:01:45 Cluster: 1.08.65 | 100% free 1.24 Tb | 1.24 Tb (19.1%) | |
| Server2/ECIT | CPU: 2 Hz, 2.8 GHz 16 GB, 16 GB Name: DELL SERVER | Drive C | Drive D | Drive E |
| | Release Date: 28/11/2005 00:25:02 Cluster: 1.08.65 | 100% free 1.24 Tb | 1.24 Tb (19.1%) | 100% free 30.9 Gb |

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\omlbin; C:\Program Files\Dell\OpenManage\olui\bin; C:\Program Files\Dell\OpenManage\oldiag\bin; C:\Program Files\Dell\OpenManage\omsa\bin; 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 | - |
| 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 | - | | | | | | | | | | | | | | | | | | | | | |

System information

| Server | Start Time | Duration | Cluster |
|------------|------------|----------|---------|
| 28-11-2005 | | | |
| Server2 | 00:25:02 | 00:25:02 | 1.08.65 |
| Server4 | 00:25:02 | 00:25:02 | 1.08.65 |
| 25-11-2005 | | | |
| Server2 | 00:25:02 | 00:25:02 | 1.08.65 |
| Server4 | 00:25:02 | 00:25:02 | 1.08.65 |
| 24-11-2005 | | | |
| Server2 | 00:25:02 | 00:25:02 | 1.08.65 |
| Server4 | 00:25:02 | 00:25:02 | 1.08.65 |
| 21-11-2005 | | | |
| Server2 | 00:25:02 | 00:25:02 | 1.08.65 |
| Server4 | 00:25:02 | 00:25:02 | 1.08.65 |
| 22-11-2005 | | | |
| Server2 | 00:25:02 | 00:25:02 | 1.08.65 |
| Server4 | 00:25:02 | 00:25:02 | 1.08.65 |

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 | Server |
|-------|----------|------|-----------|------------|---------|
| ... | ... | ... | 1.707 | ... | Server5 |
| ... | ... | ... | 158.008 | 19.08.2005 | Server5 |
| ... | ... | ... | 207.048 | 19.08.2005 | Server5 |
| ... | ... | ... | 2.024 | ... | Server5 |
| ... | ... | ... | 1.161 | ... | Server4 |
| ... | ... | ... | 9.884 | ... | Server4 |
| ... | ... | ... | 2.000 | ... | Server5 |
| ... | ... | ... | 8.182 | ... | Server5 |
| ... | ... | ... | 9.884 | ... | Server4 |
| ... | ... | ... | 70.001 | ... | Server5 |
| ... | ... | ... | 10.707 | ... | Server5 |
| ... | ... | ... | 2.244 | 6.322 | Server4 |
| ... | ... | ... | 4.074 | ... | Server5 |
| ... | ... | ... | 5.707 | ... | Server5 |

Different overviews of the Notes files on the servers

| Title | Filetype | Path | Server |
|--------------------------|----------|------|--------|
| CDK | ... | ... | ... |
| DIR | ... | ... | ... |
| MONITORING CONFIGURATION | ... | ... | ... |
| ... | ... | ... | ... |

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 | Resources (5.0) | resrc50.ntf | \ | 1.608 | Server5 |
| 19-08-2005 16:53 | Resources (6) | resrc60.ntf | \ | 2.384 | Server5 |

Track removals on the servers

| Title | Filename | Path | Server |
|-----------------------------|--------------|--------------|---------|
| ODS:20 = R4 | ... | ... | ... |
| ODS:41 = R5 | ... | ... | ... |
| Domain Catalog | catalog.nsf | catalog.nsf | ... |
| Activity Trends (Server4) | activity.nsf | activity.nsf | Server4 |
| Administration Requests | admin4.nsf | admin4.nsf | Server4 |
| Administration Requests (6) | admin4.ntf | admin4.ntf | Server5 |
| Administration Requests (6) | admin4.ntf | admin4.ntf | Server5 |

ODS version

Database properties and agents

| Database Name | Location | Size |
|---------------|----------|------|
| DB1 | ... | ... |
| DB2 | ... | ... |
| DB3 | ... | ... |

| User | Logon Time | Logoff Time | Logon Count | Logoff Count | Bytes Read | Bytes Written |
|------|------------|-------------|-------------|--------------|------------|---------------|
| ... | ... | ... | ... | ... | ... | ... |
| ... | ... | ... | ... | ... | ... | ... |

Detailed information for each database

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 |

Replication

| # | Title | Filename | Type |
|---------------------|--------------------------------|-------------|------|
| Server2/ECIT | | | |
| Not Replicating | | | |
| | ActiveM Tier1 (G) | actiiv1.nif | ... |
| | DD Test | bb1.nif | ... |
| | Domino Directory Cache (G) | cdcdm1.nif | ... |
| | mobile samples | bb2.nif | ... |
| | Online Services | cdcdm1.nif | ... |
| | Server Certificate Admin | cdcdm1.nif | ... |
| Inet/Inet | | | |
| | Locus Corporate Knowledge Base | lobus1.nif | ... |
| Server1/ECIT | | | |
| | Administration Requests | admin1.nif | ... |

Replication tracking of databases and templates

SSO | Advanced | History

- Replicate a subset of documents
- Select by formula
- Forms views etc.
- Agents
- Replication formula
- Access control list
- Deletions
- Fields

20-08-2005

Settings and history

SSO | Advanced | History

- Replicate a subset of documents
- Select by formula
- Forms views etc.
- Agents
- Replication formula
- Access control list
- Deletions
- Fields

SSO | Advanced | History

| | | | |
|---------------------|--------------|-------------|-----------|
| 19-09-2005 05:08:43 | Server2/ECIT | dircat5.nif | (Receive) |
| 19-09-2005 05:15:07 | Server2/ECIT | dircat5.nif | (Send) |
| 03-10-2005 21:30:05 | Best/Extern | dircat5.nif | (Send) |

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.