

OPENNTF WEBINARS

March, 2022 OpenNTF Webinar

The New Domino Admin Tool



AGENDA

- Welcome – Howard Greenberg and Graham Acres
- Presentation – Heather Hottenstein, HCL
- Q and A - All



THANKS TO THE OPENNTF SPONSORS

- HCL made a contribution to help our organization
 - Funds these webinars!
 - Contests like Hackathons
 - Running the organization
- Prominic donates all IT related services
 - Cloud Hosting for OpenNTF
 - Infrastructure management for HCL Domino and Atlassian Servers
 - System Administration for day-to-day operation



HCL NOTES UI CONTEST

- OpenNTF is co-sponsoring HCL Notes UI Contest with GroupWave
- The new application should work within **Notes Client V12.0.1 and Nomad** for mobile devices (both iOS and Android)
- Entries will be judged on usability, compatibility, and technical design
- The jury consists of HCL Ambassadors and HCL employees
- Winners announced at Engage in May!
- More info at <https://www.groupwave.be/contest/>



THIS IS OUR COMMUNITY

- Join us and get involved!
- We are all volunteers
- No effort is too small
- If your idea is bigger than you can do on your own, we can connect you to a team to work on it
- Test or help or modify an existing project
- Write guides or documentation
- Add reviews on projects / stars on Snippets



OPENNTF BOARD UPDATES

- Community Projects
 - Catalog of User Group Presentations
 - Led by Oliver Busse
 - Channel on slack.openntf.com #presentation-project
- The Future of OpenNTF
 - How to Evolve OpenNTF
 - We want your input!
 - Blog and video posted soon
 - Feedback via Discord



UPCOMING EVENTS

- Engage 2022 – Bruges, Belgium – **NOW** May 23-25, 2022
 - <https://engage.ug/>

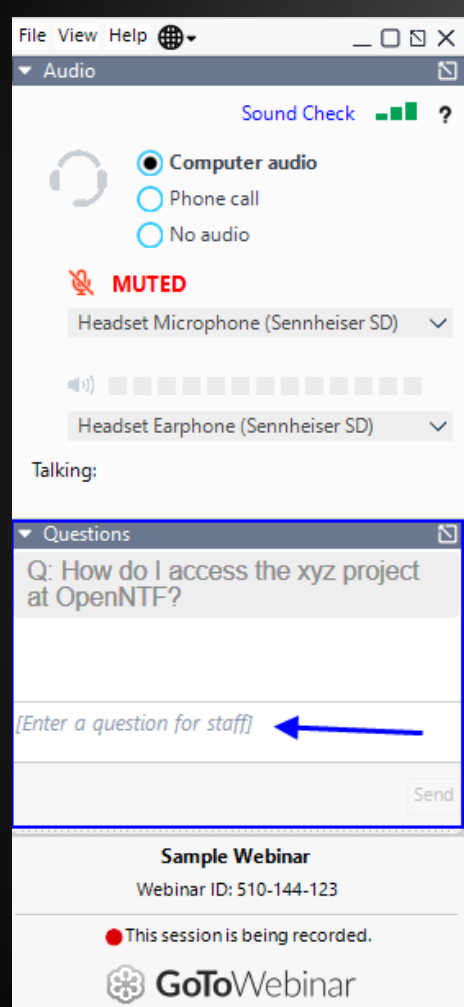


NEXT WEBINAR – TBD

- Watch <https://www.openntf.org/webinars> for news
- June: OpenNTF Annual General Meeting



ASKING QUESTIONS



- First Question – Will this be recorded?
 - Yes, view on YouTube!!!
 - <https://www.youtube.com/user/OpenNTF>
- Use the Questions Pane in GoToWebinar
- We will get to your questions at the end of the webinar
- The speakers will respond to your questions verbally
 - (not in the Questions pane)
- Please keep all questions related to the topics that our speakers are discussing!!!
- Unrelated Question => post at:
 - <http://openntf.slack.com/>



WHAT'S NEW IN 12.0.1 FOR DEVELOPERS

John Curtis



All-in-one Admin Tool for Notes & Domino OpenNTF March 2022



Heather Hottenstein
Technical Advisor
HCL Software

Admin Tools for Notes

Out Of Office

Out Of Office Current Configuration

Out Of Office Diagnostic

Out Of Office Delete Profile And Agent

Out Of Office Enabled Search

Database Health


 Prohibit Design Tool

 Fix Duplicate Folders


 Rebuild Mail Database Inbox


 Create Mail Database Copy


Miscellaneous


 Remove Profiles

 Edit Database ACL


 Find Duplicate Templates


 Disable Background Agents


 Create Mail Database Spreadsheet

 Mail Database Search

 Edit Mail Rules

 Log Analysis

 Check Send Mail Agent

 Delete Document

 Document DXL Export Tool

Log

All-in-one Admin Tool

All-in-one Admin Tool for agent-based
troubleshooting & problem solving
(hcltechsw.com)

- ✓ Download Admin_Tools_V_1.4.zip
 - AdminTools_V_1.4.ntf
 - Readme.txt
- ✓ Extract
- ✓ Copy AdminTools_V_1.4.ntf to notes\data folder
- ✓ Sign
- ✓ Create NSF using Admin Tools 1.4 template
 - Local or Server, your choice





Out of Office Configuration

- Is Out of Office set as an Agent or a Service?
- How can I enable/disable Service debug?

Out Of Office Current Configuration

Help



Select Server

Mail/Showcase ▾

Get Out Of Office Configuration



Server Information

Server Name: CN=Mail/O=Showcase

Server Build: Release 12.0.1 HF11

Operating System: Windows/2019 10.0

Number Of Server Configurations: 4

Configurations >

Server: *

Default Config

Out Of Office is: Service

Server: CN=Admin/O=Showcase

Not Default Config

Out Of Office is: Service

Server: CN=Apps/O=Showcase

Not Default Config

Out Of Office is: Service

Server: CN=Mail/O=Showcase

Not Default Config

Out Of Office is: Service

Toggle Out of Office Service Debug

Out Of Office Service Debug Is NOT Set. Toggling will enable it.



Configuration Document
Router/SMTP
Advanced
Controls
Out-of-Office type

Agent or Service?

```
set config debug_oos=1
set config debug_oos=0
```



Out of Office Diagnostic

- How can I get diagnostic information about a user/s Out of Office settings?

Out Of Office Diagnostic

[Help](#)

Select Server

Mail/Showcase ▾

Please use one of the following options to select the user mail databases for diagnostic

- ▶ Select Users From Server Address Book
- ▶ Import List From Text File

mail\hhottens, mail\bbanzai.nsf

Begin test:

[Delete Selected](#)[Exit](#)

Server	Mail DB	Report Date	Report Time
▼ Mail/Showcase			
	▼ mail		
	▼ bbanzai.nsf		
		03/01/2022	07:32 PM CST
	▼ hhottens		
		03/01/2022	07:32 PM CST

Deleting an Out of Office Profile or Agent

- How do I remove a corrupt Out of Office Profile or Agent?



Remove Out Of Office Profile And Agent

Help



Select Server	『Mail/Showcase』 ▼
<p>Please use one of the following options to select the user mail databases to delete their Out of Office profile and agent:</p> <p>▼ Select Users From Server Address Book</p> <p>▶ Import List From Text File</p>	mail\hhottens
Delete Out of Office Profile	
Delete Out of Office Agent	
Refresh The Design	
▶ Log View	

Out of Office Duplicate Agent Searching

- Why are mail sender's receiving out of office notifications from a particular person?
- Is there another replica or copy of this database that has the Out of Office Agent enabled?



Out Of Office Duplicate Enabled Agent Search

Help



Select Server

Mail/Showcase ▾

Select User Name To Search

Heather Hottenstein/Showcase
▾

Search



Prohibiting Design Element Diagnostic

- Why did design refresh/replace not update everything it should have?
- How do I get the design elements updated?



Prohibit Design Element Diagnostic Tool

Reset



Help



1. Select the mail database



Server: CN=Mail/O=Showcase

Database: mail\bbanzai.nsf

Template: mail12.ntf

2. Found design elements with the 'Prohibit design refresh or replace to modify' option enabled. You can disable the option for some or all of the elements using the buttons below.

The following elements were found in the template. It is recommended that you disable the option on ALL of these elements so you can receive the current design elements from the template.

- ☐ Agent: (Preferences)
- ☐ Folder: (\$Inbox)
- ☐ Form: Message

Disable Selected



Disable All



Fixing Duplicate Folders

- How do I resolve an issue with duplicated folders where the folders cannot be edited?



Fix Duplicate Folders

Help



Select Database	<input type="text"/>
Server	CN=mail/O=Showcase
Path	mail\hhottens.nsf
Title	Heather Hottenstein
Template Name	StdR12Mail
Check For Duplicates and Folders Named "Folders"	<input type="text"/>
Fix Folders	<input type="text"/>
Yes To Remove or No To Test	<input checked="" type="radio"/> Yes <input type="radio"/> No ?
Remove Duplicate Empty Folders	<input type="text"/>

Rebuilding Mail file Inbox

- User has emails missing from the Inbox and would like them added back.



Rebuild Mail Database Inbox

Help



Select Database	<input type="text"/>
Server	CN=Mail/O=Showcase
Path	mail\hhottens.nsf
Title	Heather Hottenstein
Template Name	StdR12Mail
Rebuild	<input type="button" value="Rebuild"/>

Create Mail Database Copy

- User's mail database has a level of corruption.
- User has two copies of their mail file and needs to merge them.



Source Server	CN=Mail/O=Showcase
Source Path	mail\hhottens.nsf
Source Title	Heather Hottenstein
Source Template Name	StdR12Mail
Select Destination Database	<input type="button" value="Select"/>
Destination Server	CN=Mail/O=Showcase
Destination Path	mail\hhottens_dbcopy.nsf
Destination Title	DB copy Heather Hottenstein
Destination Template Name	StdR12Mail
Log Error Handling For Duplicate UNID Documents	<input type="radio"/> Yes <input checked="" type="radio"/> No ?
Create Copy	<input type="button" value="Create"/>
Copy ReplicaID	

Create Mail Database Copy


- ✓ Enable folder reference
 - load convert -m mail\hhottens.nsf
- ✓ Create design copy of database
 - File – Application – New Copy – Application Design Only
 - mail\hhottens_dbcopy.nsf

Removing Profiles

- Calendar Profile document is corrupt.
- Profile document has incorrect information.
- How do I delete a profile document in order to create a new one?



Remove Profiles

Help 

NOTE: Do not use for removing "Out Of Office" profile documents (see help above)

Select Database	
Server	CN=Mail/O=Showcase
Path	mail\hhottens.nsf
Name	Heather Hottenstein
Template Name	StdR12Mail
Populate Choices	
Remove Selected	
<div><input type="checkbox"/> colorprofile <input type="checkbox"/> devprofile <input type="checkbox"/> inotesprofile <input type="checkbox"/> calendarprofile <input type="checkbox"/> directoryprofile</div> <div></div>	

Updating Mail owner's ACL entry

- Users have Manager access to their mail databases.



Edit Mail Database Owner's Access Control

Help



Select Server

Mail/Showcase ▾

Please use one of the following options to edit users

▼ Select Users From Server Address Book



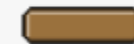
► Import List From Text File

mail\jwhorfin.nsf

New Access Control Level

Editor ▾

Save changes





Find Duplicate Templates

- You see an error in the log that multiple databases/templates claim to be the same design template.
- Your database design is getting replaced overnight with the wrong design elements.



Search For Duplicate Templates

Help 

Select Server	『 Apps/Showcase 』 ▾									
Send Output To CSV File	<input checked="" type="radio"/> No <input type="radio"/> Yes									
Search										
Duplicates: <table><tr><td>[std7journal] < Template Name</td><td>File name > [journal6.ntf]</td><td>ReplicaID [85256EED0050AEBC]</td></tr><tr><td>[std7journal] < Template Name</td><td>File name > [test\journal6hh.ntf]</td><td>ReplicaID [85256EED0050AEBC]</td></tr><tr><td>[std7journal] < Template Name</td><td>File name > [test\journal6hhcopy.nsf]</td><td>ReplicaID [85256EED0050AEBC]</td></tr></table>		[std7journal] < Template Name	File name > [journal6.ntf]	ReplicaID [85256EED0050AEBC]	[std7journal] < Template Name	File name > [test\journal6hh.ntf]	ReplicaID [85256EED0050AEBC]	[std7journal] < Template Name	File name > [test\journal6hhcopy.nsf]	ReplicaID [85256EED0050AEBC]
[std7journal] < Template Name	File name > [journal6.ntf]	ReplicaID [85256EED0050AEBC]								
[std7journal] < Template Name	File name > [test\journal6hh.ntf]	ReplicaID [85256EED0050AEBC]								
[std7journal] < Template Name	File name > [test\journal6hhcopy.nsf]	ReplicaID [85256EED0050AEBC]								

Change “Disable Background Agents” for mail databases

- How can I disable/enable background agents in my server's mail databases?



Edit Database Property "Disable Background Agents"

Help



Select Server

Mail/Showcase ▾

Please use one of the following options to edit users

▼ Select Users From Server Address Book



► Import List From Text File

mail\bbanzai.nsf

Select Disable or Enable

Enabled ▾

Save Changes



Create mail database spreadsheet

- How can I export mail database properties information to a spreadsheet?



Create Mail Database Spreadsheet

Help



The following is based on this Technote but expands on the idea by creating a "Comma Separated Value" (CSV) that you can import into a spreadsheet:

Title: Using LotusScript to generate a report with mail database information

Doc #: KB0033345

URL: https://support.hcltechsw.com/csm?id=kb_article&sysparm_article=KB0033345

Select All:

Clear All:

Invert Selection:

Select Server

Mail/Showcase

- ☒ Title
- ☒ File Name
- ☒ File Path
- ☐ Server
- ☐ Database Design Template Name
- ☒ Size
- ☐ Size Quota
- ☐ Size Warning
- ☐ Date Created

Mail database search

- How do I get a list of doclinks to mail messages that contain a keyword/string?



Mail Database Search

Help



Select Server	Mail/Showcase ▾
Path To Search ?	mail\
<p>Please use one of the following options to select the user mail databases for diagnostic. Select nothing to search the above path only or selected users:</p> <p>▼ Select Users from Server Address Book</p> <p>mail\hhottens</p> <p>► Import List From Text File</p>	
Search String	error
Search	

3/2/2022 5:06:02 PM CST

Action Log:


Log For [Mail Database Search] - AssortedDatabaseTools:mailDbSearchSetup

Server specified. Searching server > CN=Mail/O=Showcase

Log entering [AssortedDatabaseTools:searchMailDbs] in ScriptLibrary OOATools

Heather Hottenstein:mail\hhottens.nsf, link > 

Heather Hottenstein:mail\hhottens.nsf, link > 

Heather Hottenstein:mail\hhottens.nsf, link > 

Log exiting [AssortedDatabaseTools:searchMailDbs] in ScriptLibrary OOATools

Found one or more documents. Check log "Log For [Mail Database Search] - AssortedDatabaseTools:mailDbSearchSetup" for links

End Log






Edit mail rules

- User deleted a mail rule but it is still processing new emails.
- How can I delete a “rogue” mail rule without deleting the entire calendar profile document?

Edit Mail Rules

Help 

NOTE: Do not use this tool to remove enabled mail rules that have an associated Mail Rule document (see help above).

Select Database	
Server	CN=Mail/O=Showcase
Path	mail\hhottens.nsf
Name	Heather Hottenstein
Template Name	StdR12Mail
Populate Choices	
Remove Selected "Profile Document Rules"	

Mail Rule Documents: 2

Enabled? = 1, Condition: Sender contains bbunny@acme.com, Action: move to folder (\$JunkMail)

Enabled? = 1, Condition: Subject contains carrots, Action: change Importance to High

Log Analysis

- Text based log file is huge, making it difficult to locate relevant information.
- How can I easily extract relevant information from a text based log file?



Log Analysis

Help



Select Log	<input type="text"/>
Files To Search	C:\Notes\Data\Demo\console.log
Case Sensitive	<input checked="" type="radio"/> No <input type="radio"/> Yes
Append Output	<input checked="" type="radio"/> No <input type="radio"/> Yes
Output File Name Only * <i>Root Directory</i> > c:\Notes\Data\ File extension ".txt" will be automatically added	『hhsearch』.txt
Search String	『hhotens.nsf』
Search	<input type="button" value="Search"/>



Mail Send Agent

- Is the server or database capable of an agent doing a mail send function?
- My workflow process isn't sending an email as expected. How can I test?

Mail Send Agent

Help



Select Destination Database To Copy Agent Into	<input type="text"/>
Destination Server	CN=apps/O=Showcase
Destination Path	test\journal.nsf
Destination Title	HH Journal Test
Destination Template Name	Std7Journal
Copy and Run Send Mail Agent	<input type="button" value="Run"/>

Delete Document

- How do I delete a document I cannot find in the views?
- I am deleting the document in the UI but it is not going away.



Delete Document

Help



NOTE: This is a permanent delete. You cannot recover from this deletion other than restoring from backup.

Select Database	<input type="text"/>
Server	CN=mail/O=Showcase
Path	mail\hhottens.nsf
Title	Heather Hottenstein
Template Name	StdR12Mail
Enter Document NotelD To Delete ?	『B5E』
Delete Document	<input type="button" value="Delete"/>

Document DXL Export

- Can I export a database's documents to DXL?



Sub Initialize

```
Dim session As New NotesSession
Dim db As NotesDatabase
Dim dc As NotesDocumentCollection
Dim filename As String
Dim stream As NotesStream
Dim exporter As NotesDXLExporter
Set db = session.CurrentDatabase
set dc = db.UnprocessedDocuments
filename = "c:/temp/exportDocs.dxl"
set stream = session.createStream()
If stream.Open(filename) Then
    Call stream.Truncate()
    set exporter = session.CreateDxlExporter()
    exporter.Richtextoption = 0
    exporter.MIMEOption = 0
    Call stream.WriteText(exporter.Export(dc))
End if
End Sub
```

NotesDXLExporter - LS Class Since v6
CreateDxlExporter – LS Method since 6.5

Download Today!

A computer monitor with a silver base and a black bezel. The screen is dark gray and displays white text. The text is underlined and reads: "All-in-one Admin Tool for agent-based troubleshooting & problem solving (hcltechsw.com)".

All-in-one Admin Tool for agent-based
troubleshooting & problem solving
(hcltechsw.com)

- ✓ Risk Free
- ✓ Zero cost
- ✓ Easier Domino Server Administration
- ✓ Happier Users



ANY
QUESTIONS?

Thank you!

Heather Hottenstein

heather.hottenstein@hcl.com

HCL

*Relationship*TM
BEYOND THE CONTRACT

\$8.4 BILLION ENTERPRISE | 132,000 IDEAPRENEURS | 44 COUNTRIES



WATCH THE FILM

QUESTIONS?

Use the GoToWebinar Questions Pane

Please keep all questions related to the topics that our speakers are discussing!!!

Unrelated Question => post at:

<http://openntf.slack.com/>

