

LS Retail User Guide

Scheduler Changes - LS Retail NAV 2013



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1 Introduction

The changes for Scheduler and Data Director in the LS Retail NAV 2013 version have mostly simplified the procedure for the user. In some cases when there was earlier an option of at least two different methods of dealing with issues of the Scheduler and Data Director now there is a default way to perform the same tasks, using the Data Director, often in a more automatic way than earlier, although exceptions can be found on this.

Edit - Job Queue Card - LSSCHE	DULE				(corp
Home Actions				Beta Bjorns - LS7	0_PH1_DEV -
View Celit View Delete Manage Proce	top Job Queue ss Show Attached				
LSSCHEDULE					
General					
Code: Description:	LSSCHEDULE LSR Scheduler	EDULE	Server Instance ID: Session ID: Running as User ID: Running on Server Computer: Running on Server Instance:	3	
Job Queue Category Filter:	LSSCHEDULE			LSRETAIL\NAVSERV	
Started: Last Heartbeat:	21.2.2013 18:03:24,857			bringa.lsretail.local ls70ph1dev	
NAS Settings					
Start Automatically From NAS:			Start on This NAS Instance:	ls70ph1dev	
Start on This NAS Computer:	bringa.lsretail.local	•			

2 Distribution

2.1 Distribution Location Version

A new version for the LS Retail NAV 2013 has been added to the **Distribution Location Version** list at **LS Retail, Scheduler, Distribution, Administration, Dist. Location Versions**.

Departments	Distribution	🏄 Edit - Dist. Lo	cation Versions			
 LS Retail 		Hor	e Actions			CRONUS LS 2013(7.0)W1 Demo-v11 - LS 🕢
Point Of Sale	Lists	*				
BackOffice	Distribution Locations	1) 🖳	N 5 60	
Administration	Administration	New Vie	w Edit Delete	Show Show as	OneNote Notes Links	5
▲ Scheduler	Store Groups	Lis	t List	as List Chart	Channi Attendered	
Distribution	Table Distribution Setup	New	wanage	VIEW	Show Attached	
Scheduler	Distribution Groups	Dist. Locatio	n Versions 👻			Type to filter (F3) ID \checkmark
Actions	Dist. Location versions	Sorting: ID	A ↓			No filters applied
Batch Posting		ID	Description	Divisio ID	Diveia String	
Setup		10	Version 1.2	Piugin 10	Plugin String	
 Member Management InStore Management 			Version 1.5	lin .	ndbcn@150	
Replanichment		2.01	Version 2.01b	tin	ndbcn@201	
Special Order		2.50	Version 2.50a	fin	ndbcn@250	
Web Integration		2.60	Version 2.60a	fin	ndbcn@260	E
Forecourt		2.60B	Version 2.60b	fin	ndbcn@260	
Staff Management		2.65	Version 2.65	fin	ndbcn@265	
Franchise		3.01	Version 3.01	fin	ndbcn@301	
Loss Prevention		3.10	Version 3.10	fin	ndbcn@310	
LS Hospitality		3.10-SQL	Version 3.10 on SQ	fin	ndbcs@310	
Financial Management		3.60	Version 3.60	fin	ndbcn@360	
Sales & Marketing		3.60-501	Version 3.60, on SO	fin	ndbcs@360	
Purchase		3.70	Version 2.70	6m	ndber@270	
Varehouse		3.70	Version 5.70	in c	nuben@370	
Manufacturing		3.70-SQL	Version 3.70 on SQ	tin	ndbcs@370	
Jobs		4.00	Version 4.00	fin	ndbcn@400	
Resource Planning		4.00-SQL	Version 4.00 on SQ	fin	ndbcs@400	
Service		4.01	Version 4.01	fin	ndbcn@401	
Human Resources		4.01-SQL	Version 4.01 on SQ	fin	ndbcs@401	
 Auministration 						
						UK

The **PluginID** defines which plugin DD should use, and the **Plugin String** refers to the NAV version at the Location. For NAV 2013 the Plugin String is **nav700**. The old method is still valid for previous versions but those can be replaced (fin changed to ms and ndbsc@6xx changed to nav6xx)

Plugin ID	Plugin String
fin	ndbcs@601
fin	ndbcs@602
ms	nav700
mssql	none



2.2 Distribution Locations

LS Retail, Scheduler, Distribution, Lists, Distribution Locations. There are some changes on the Distribution Locations that need to be considered. A new field has been added: **DD Timeout (sec)** where the timeout for the Data Director is set, the timeout limit is set in seconds.

🔏 Edit - Distribution	Location Card - MIDWEST · The Mid V	/est company	
Home	Actions Navigate		CRONUS LS 2013(7.0)W1 Demo-v11 - LS7BET 🕢
View Clete Manage	Test Connection Design on Subjobs Process	ist OneNote Notes Links Show Attached	
MIDWEST · The	Mid West company		
General			*
Code:	MIDWEST	TS Timeout (sec):	0
Description:	The Mid West company	DD Timeout (sec):	0
Distribution Grou	p: STORES -		

There are default settings for the Data Director but anything that is manually changed or set in the LS Retail NAV 2013 overwrites the default settings for the Data Director.

For each database that the system connects to there can be a different mode that adjusts the settings.

2.2.1 Test Connections

Previously the Test Connections gave you two different options that either tested the connection with the Data Director or without the Data Director. Now all the tests of connections go through the Data Director. When you want to test a connection there is a button at the top of the **Distribution Location Card** for the **Test Connection** action.



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INITE ANE 21 - THE INITE AND	est company	hed		
General Code:	MIDWEST	TS Timeout (sec):	0	^
Distribution Group:	STORES	DD TIMEOUT (sec):	0	
Company Name: User ID: Password: Data Director Mode: Distribution Server: Server Port: Data Director Password: Monitor Port: Forwarder: Location Uses Server:	The Mid West company TCP MIDWEST	Server Name: Db. Path & Name: Version: Driver Type: Active for Replication: Connection String: Net Type: Use NT Authentication: Use Commit Cache: Cache Size: Date Format:	MIDWEST DATABASENAME 6.01-SQL SQL id=MIDWEST;company=The tcp 0	▼ Mid West company;
Web Server		Web Service URI:		^

2.2.2 Read Design

The same applies to the **Read Design** as the **Test Connection** procedure. In the earlier versions of LS Retail NAV there were two options, either reading the design with the Data Director or without the Data Director. Now this is done by selecting the **Read Design** button in the top menu and it will lead the user through the procedure using the Data Director.

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M Edit - Distribution Location Card - MIDWEST · The Mid West company						
Home	Actions Navigate		CRONUS LS 2013(7.0)W1 Demo-v11 - LS7BET 🕖			
View Celit View Delete Manage	Test Connection Process	ConeNote Notes Links				
MIDWEST · The M	MIDWEST · The Mid West company					
General	General					
Code:	MIDWEST	TS Timeout (sec):	0			
Description:	The Mid West company	DD Timeout (sec):	0			
Distribution Group:	STORES -					

3 Scheduler

The Scheduler Jobs, Subjobs and other features are found under the LS Retail, Scheduler, Scheduler.

Departments	Scheduler
LS Retail	
Point Of Sale	Lists
BackOffice	Jobs
Administration	Subjobs
▲ Scheduler	Object Transfer
Distribution	Preactions
Scheduler	
Data Director Administration	Tasks
Actions	Scheduler
Batch Posting	Listan
Setup	Breaction Log
Member Management	Preaction Log

3.1 Scheduler Jobs

There are very little but very important changes that have been made on the **Scheduler Job** card. This one and important change is that now the **Time Units** no longer contain Seconds and the minimum unit is a Minute.



🔏 Edit - Scheduler Job - CONFIGS · Configurations						
Home Actions	Navigate	(CRONUS LS 2013(7.0)W1 Demo-v11 - LS7B 🕢			
View Delete Now P Manage	Convert reactions Process	5				
CONFIGS · Configurations	5					
General			*			
Job ID: Description: Scheduler Job Type Code: Subjobs Defined by Job: Use Current Location: From-Location Code: From-Location Description:	CONFIGS Configurations DD-FROM-HO CONFIGS HO HO Head Office	Job Type: Distribution Restrictions: Include/Exclude List Exists: Distribution Sublocations: Error Handling: To-Location Code: To-Location Description:	Data Replication			
Object Setup			*			
Schedule Details			^			
Time Units: Time Between Check: Next Check Date: Next Check Time:	Minute Minute Hour Day	Valid on Sundays: Valid on Mondays: Valid on Tuesdays: Valid on Wednesdays: Valid on Thursdays:				
Starting Time: Ending Time:		Valid on Fridays: Valid on Saturdays:				
DD Setup						
Data Replication	Data Replication					
Object Replication			•			
			ОК			

The default or initial time unit is now a **Day** instead of a **Second** in the earlier versions, which is a welcome change, since there is a lot of load involved in checks every second, in case the settings are not changed initially.

3.2 Scheduler Subjobs

There are some changes on the **Scheduler Subjobs** card that need to be accounted for. On the **General** tab the option **Input Field** is not available now since the replication is not supported.

Otherwise the card includes the same functionality as before but there are issues that need to be pointed out.

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A Edit - Scheduler Subjob - C_I	DIST_GRP · Distribution Group			
Home Actions	Navigate		CRONUS LS 2013(7.0)W1 Demo-v11 - LS7BETA 🔞	
View Celit New Update Manage Process	OneNote Notes Links			
C_DIST_GRP · Distributio	on Group			
ID:	C_DIST_GRP	Table Name To:	Distribution Group	
Description:	Distribution Group	Replication Method:	By Actions 👻	
From-Location Design:	-	Field Transfer Type:	All	
From-Table ID:	99001500 👻	What To Do:		
From Table Name:	Distribution Group	Transfer Field List Exists:	No	
To-Location Design:	-	From/To Table Filters Exist:	[№] The field "Include flow	
To-Table ID:	99001500 🗸	Linked Table Exists: Enabled:	[№] fields" has been removed	
Replication			*	
Action Table ID:	99001612 🗸	Replication Counter:	0 🕶	
From-Action Table Name:	Preaction	Repl.Counter field name:		
To-Action Table Name:	Preaction	Repl. Counter Interval:	0	
Action Counter Interval:	0	Upd. Counter on Empty Interval:		
Move Actions:		Update Repl. Counter:		
No Distribution Filter:		Mark sent records:	0 🗸	
			ОК	

Under the **From-Table Filters** button field you have to be aware of an important change that comes with the Microsoft Dynamics NAV 2013 adaption. If a filter is applied to the source data that is being transferred from a SQL database you now have to manually add the operator used for filtering, such as =, > or < in front of the filter value.

🏄 Edit - Scheduler Subjob - C_DIST_GRP - Distribution Group				
Home Actions Navigate				
Transfer From-Table	ked Where- Log			
Field List Filters Tal Subjob	ples Scheduled List Lines			
C DIST GRP · Distributi	on Group			
General				
ID:	C_DIST_GRP			
Description:	Distribution Group			

3.3 A Few Points about the DDMonitor Location Overview

The following points give a short overview over the functionality of the DDMonitor Location Overview. They are a part of the Data Director 3 Changes Quick Guide 6.3. For more detailed description this guide should be used.

- This system gives the user a good overview over all the Data Director operations in one place.
- From the administration tool, the user can look at detail data for each host; cancel messages, modifying jobs and several other things.
- In the **Data Director** configuration tool the Archive needs to be activated and right information on where to enter transactions need to be defined.
- The Monitoring tool works on Archive Tables. No setup is required to pull any data from the DD hosts, as they will push the data to the monitoring database.
- One of the available options is to add information to the monitoring, for instance NAV/SQL Version, LS Retail version, database size and available size, OS information and other useful information.

🔟 Edit - DDMonitor Location Overview									
Ho	me Actions Nav	vigate					CRONUS LS 2013(7.0)W1	Demo-v11 - LS7BETA - LAP_ANNAB_7 🕢	
View Ret	 Previous Period Next Period Auto Upd. Off 	Auto Upd. On Data Avail. On Source On Process	◆ Destin ▼ Set All ▼ Clear J	ation On Filters All Filters	eNote Notes Links				
DDMonitor Location Overview									
General									
Date Filter: Last Update	Date Filter: 24.01.13 Refresh Interval sec.: 15 Last Update: 21.02.13 17:05:40 15 15								
Options									
View by: Day 🗸									
Distributi	Description	Health Status	Data	Source Status	Last Error as Source	Time Since Last Source Error	Last Package from	Time Since Last Source Package	
4									
	OK								

