

**Ärende/Subject**

Rensning av utköer - förslag

**Handläggare/Prepared by**

Åke H Olsson

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**Senast ändrat/Change date**2024-05-29

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# Purpose

It is convenient to have a certain number of printouts saved on output queues in the machine.

When it comes to reports that are difficult to simply re-run, such as invoices and similar, it can be a good idea to keep the printouts for some time after they have been printed.

But eventually, these spool files take up a lot of space, and they also actually take up space from the main memory because information about the jobs that created the printouts is stored as long as the jobs have any output left.

# Solution

This is a function for automated delete of old spool files that allows you to control the number of days a spool file is saved depending on:

1. File name.
2. User
3. Output queue.

For this, there are two functions:

1. One where you can maintain the parameters that control the number of days that the printouts should be saved.
2. One that runs daily (scheduled) and that cleans printouts according to the rules you have set.

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## How to use

There is a hierarchy built into the function where the order of priority from highest to lowest is:

1. **File and User**  
I.e., if user JL has created the file INVOICE, this is what applies in the number of save days.
2. **File only**  
I.e., if there are settings for INVOICE but not for the user in question, that is what applies.
3. **User only**  
I.e., if there are no settings for this particular file (with or without the current user), this is what applies.
4. **Only queue (with library)**  
If none of the other cases apply but the queue is defined, this is what applies.
5. **Catch all**  
If no other case applies this rule applies.

## Example

LS026							21-03-14
A0			Maint Parameters for clean spoolfiles				11:55:11
-----							
2=Change, 4=Delete, A=Activate, D=Deactivate							
? Act	Outq	Lib	File	User	Savedays	Oldest retain	
— A	*	*	FAKTUROR	JL	00365	2020-03-14	
— A	*	*	FAKTUROR	EH2	00270	2020-06-17	
— A	*	*	FAKTUROR	*	00180	2020-09-15	
— A	*	*	*	JL	00090	2020-12-14	
— A	QPRINT	QGPL	*	*	00030	2021-02-12	

First the case of FAKTUROR for JL, these are saved 365 days. Then the same for EH2, here files are saved for 270 days. After that, FAKTUROR for all other users are set to be saved for 180 days. Other printouts for JL, are saved for 90 days. Finally, printouts that ended up on the QPRINT queue in library (folder) QGPL. For these 30 days apply. Anything that does not match these settings is not touched.

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## Programs to run.

1. ZCLRSPLF                      Parameter maintenance

## Command to schedule.

1. ZCLEAR                      Cleanup              Runmode = '\*TEST' for prints only. '\*CLEAN' to delete  
pool files.

**Scheduled as:**

```
Job : CLEANSPool
Schedule day . . . . . : *ALL
Schedule time . . . . . : 05:00:00
Frequency . . . . . : *WEEKLY
Recovery action . . . . . : *NOSBM
Command . . . . . : ZCLEAR RUNMODE (*CLEAN)
Job queue . . . . . : QCTL
```

## Details:

The program uses an SQL service to retrieve information about all spool files that are older than today's date minus the minimum number of save days set as parameters.

For each spool file, save days are then searched according to the criteria file + user, file, user, queue and compared with the date when the file was created. If it is older, it is removed.

IF you run the program with parameter "P" then a list is printed instead. Try this first to verify that your parameters are appropriate.



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## Install

1. Create a save file in a library of your choice.
2. FTP the file ZCLRSPLF.SAVF to that save file. Remember to use binary ("BIN") transfer.
3. Restore library ZCLRSPLF from the save file you created.
4. DONE

## Re-compile

All source code is included in the source file.

The only specific compile parameters are for the ZCLEAR command:

Create Command (CRTCMD)	
Type choices, press Enter.	
Command . . . . .	CMD
Library . . . . .	
Program to process command . . .	PGM
Library . . . . .	
Product library . . . . .	PRDLIB

> ZCLEAR

> ZCLRSPLF

> ZCLEARCPP

> ZCLRSPLF

> ZCLRSPLF

This means that you can copy the command object to another library and the command will use the ZCLRSPLF library as product library.