

Using NOP to Schedule NOM Jobs

This subsection covers the following topics:

- Executing Archiving and Reviving from NOP
 - NOMSCHED Input Parameters
 - NOMSCHED Functions
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Executing Archiving and Reviving from NOP

In Entire Output Management, Archiving and Reviving is done using the Natural batch programs RJARCHIV or RJREVIVE. The start of the corresponding batch job is carried out by the programs RMARCJOB or RMREVJOB.

In NOM211, it is possible to execute archiving and reviving of the correspondingly marked reports from NOP (Entire Operations).

To start these jobs from NOP

- Instead of RMARCJOB or RMREVJOB the program NOMSCHED is used.

NOMSCHED Input Parameters

- NOMSCHED Output
- Calling NOMSCHED
- Predefined NOP symbols:
 1. P-OWNER - NOP owner
 2. P-NETWORK - NOP network
 3. P-RUN - NOP run number
 4. P-JOB - NOP jobname
- Other elements:
 1. NOM-MONITOR-NODE - ESY node id where the NOM monitor runs
 2. NOM-SYSF-DBID - dbid of NOM system file
 3. NOM-SYSF-FNR - file number of NOM system file
 4. NOM-FUNCTION - ARC or REV (Archiving or Reviving)

NOMSCHED Output

Sets NOP Condition.

NOM-<nnn>-<function>-<res>

where <nnn> is a value of NOM-MONITOR-NODE, <function> is either ARCHIVE or REVIVE and <res> is OK or NOK.

Condition NOM---OK only tells that archive/revive was initiated successfully.

Note:

Neither condition will be set when an error in input parameters will occur.

Calling NOMSCHED

NOMSCHED should be executed in a Natural batch session in a batch job of type Job.

The session settings should contain all LFILE definitions for NOP but Natural logon is issued for SYSNOM (library from where NOM monitor runs). Here is an example:

```
LOGON SYSNOM
NOMSCHED $ P-OWNER $ P-NETWORK $ P-RUN $ P-JOB 146 9 242 ARC
FIN
```

NOP library SYSEOR should be a steplib for library SYSNOM.

NOMSCHED Functions

- Initializes NOM GDA MONIT-GL
- Invokes RINIAR1N (generated from RINIAR-N for batch) to determine start time
- Invokes RMEVNT-N to wake up the NOM monitor
- Determines NOM library name (using NAT00009 instead of using *LIBRARY-ID)
- Invokes the program RJARCHIV, if NOM-FUNCTION = 'ARC' is specified and with NOM-FUNCTION = 'REV' invokes the program RJARCHIV with the following 2 additional parameters:
 1. #LIB-ID - name of the NOM library
 2. #NOP-SCHED = TRUE (invoked from NOP)
- Informs NOP whether the NOM program was carried out with success or not (NOP condition OK or NOK with NOP API NOPUN2N)

The programs RJARCHIV and RJARCHIV take over the new additional parameters including a call from NOP (if #NOP-SCHED = TRUE).