

Activation of Job Networks or Jobs

This subsection covers the following topics:

- Trigger Activation of Job Networks or Jobs
- Activation with Symbol Modification

Trigger Activation of Job Networks or Jobs

You can activate job networks or jobs from your Natural application. The network of job definitions must exist in Entire Operations. Use:

```
CALLNAT 'NOPUAC4N'
        FUNCTION RC OWNER NETWORK JOB SYMBOL-TABLE START TIME RUN
```

Meaning of the parameters:

Parameter	Format	Usage	
FUNCTION	A01	in	
		Function code:	
		A	Activate, no hold for symbols.
		1	Like A , but time frame as defined in schedule is used.
		C	Change start time.
		D	RUN > 0 : Deactivate network, RUN = -1 : Delete master-network.
		H	Activate, but hold task until released.
		I	Set run number initial value. The next network run will use the next run number available after the number entered. The run number must be between 0 and the highest run number permitted.
		J	Modify the start time of an active job.
		R	Release activation.
		2	Like R , but time frame as defined in schedule is used.
		S	Repetition of an active job.
X	Network or job existence test only.		

RC	N03	out	Return code:
			0 Ok
			1 Owner, network, job not found.
			2 Activation entry not found.
			3 Network not active.
			4 Job cannot not be restarted.
			5 Run number has already been used.
			6 Run number not in valid range.
			7 No free run number.
			101 Invalid function code.
			102 Parameters missing.
			111 Symbol table name contained reserved prefix =EOR=.
	901 OK; sub-network symbol prompting.		
OWNER	A10	in	Owner of the job network. Note: If a job is placed in 'Hold' status by means of the function H , this will be written to the log.
NETWORK	A10	in	The job network.
JOB	A10	in	Job. If empty, whole network is activated, deactivated or tested.
SYMBOL-TABLE	A10	in	The special symbol table to be used for this activation. If empty, the symbol table from the network or job definition is used.
START-TIME	T	in	If zero (0), the network is activated immediately. Otherwise, the network is activated at the designated time. The field can contain a date and the time.
		out	Start time actually set.
RUN	P13		Run number used by Entire Operations.
		in	Functions A, H : <ul style="list-style-type: none"> When activating a single job, a existing run number can be entered. This should only be used for post activations of an active network. Functions C, D, R, S : <ul style="list-style-type: none"> must be an existing run number of the job network. Function X : <ul style="list-style-type: none"> If 0, the master network is tested. Otherwise, an active network with this run number is tested.
		out	Functions A, H : <ul style="list-style-type: none"> If 0, the next free run number is assigned. If not 0, this number is used; if this number is still active, the next free number in ascending order is used.

Note:

You can use this function from outside Entire Operations, as well as from user routines within Entire Operations. This function is comparable to the manual activation of networks or jobs in the Entire Operations online system.

Activation with Symbol Modification

▶ **To activate a job or network and pass specific symbol values to this activation, proceed as follows**

1. Activate the network and keep it in hold, with function **H**.
2. Use the returned run number to set symbols in the active symbol table(s) for this run. You must call the routine NOPUSY4N (see the subsection Accessing Entire Operations Symbols).
3. After setting the symbol(s), release this activation with the **R** function.

Note:

Active symbols, which are set here, will not be overwritten by a subsequent complete symbol table activation.