Utilities: RELEASE

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The RELEASE utility lets you control the order in which a
group of your jobs executes. This material replaces
information originally published in CNS Utilities manual.

Related search topics include MVS, JCL, JES2.

UF Information Technology

UFIT

2046 NE Waldo Rd, Suite 2100
Gainesville Florida 32609-8942
(352) 392.2061
<editor@cns.ufl.edu>
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RELEASE

The RELEASE utility lets you control the order in which a group of your jobs is executed. It can also be used to allow one job to release another job for execution or cancel a job awaiting execution.

RELEASE does not permit releases across userids or access numbers; jobs must be released by jobs that have the same userid.

Using the RELEASE Utility

To use the utility, execute the RELEASE program and specify the job name or JES2 number of the job to be released or cancelled in the PARM field of the EXECUTE statement.

Releasing a Job

Use the following statement to release a job:

// EXEC PGM=RELEASE,PARM='RELEASE jobname or jobnumber'

Cancelling a Job

Use the following statement to cancel a job:

// EXEC PGM=RELEASE,PARM='CANCEL jobname or jobnumber'

Using RELEASE for Multiple Jobs

Several jobs can be released or cancelled using only one EXEC statement by separating the requests with commas. In addition, RELEASE can be abbreviated to A and CANCEL can be abbreviated to C to save space as follows:

// EXEC PGM=RELEASE,PARM='A JOBFIVE,C 2862'

Executing Multiple Jobs in Sequence

Suppose you want to submit three jobs that must execute in sequence. "JOBA" must execute before "JOBB," which must execute before "JOBC." "JOBB" and "JOBC" are submitted with the TYPRUN=HOLD parameter on the JOB statement and then "JOBA" is submitted to start the sequence of jobs executing. "JOBA" executes the utility to release "JOBB" and "JOBB" then executes the utility to release "JOBC". The jobs as submitted would look like this:

Figure 1. JOBB Releases JOBC

//JOBB JOB (,,time,lines), 'your name',CLASS=class, // TYPRUN=HOLD /*ROUTE PRINT node.location ...JOBB program... // EXEC PGM=RELEASE,PARM='A JOBCE'
To ensure proper execution, the jobs to be held should be submitted before the first job in the sequence. This guarantees that the jobs to be released by the utility are already in the system and in \textit{HOLD} status.

**Messages**

The \textsc{RELEASE} utility will generate messages that will appear in the JCL listing and the JES2 system log indicating the result of executing the utility. The normal message will be:

\texttt{JOB \ XXXXX RELEASED BY \ XXXX}

If the utility is used to cancel a job, the message is:

\texttt{JOB \ XXXXX CANCELLED BY \ XXXX}

In the example above showing how to release multiple jobs, the following messages would have appeared in the JCL listing and the JES2 system log:

\texttt{JOB \ JOBB RELEASED BY \ JOBA}
\texttt{JOB \ JOBC RELEASED BY \ JOBB}

If the job to be released (or cancelled) is not found in the system awaiting execution, the following message is written:

\texttt{JOB \ XXXXX NOT RELEASED BY \ XXXXX, \ JOB NOT FOUND}

The following messages can be written if the information supplied on the \texttt{PARM} field is incorrect or incomplete:

\texttt{RELEASE PROGRAM - HASP \ [JES2] COMMAND EXPECTED RELEASE PROGRAM - UNRECOGNIZED HASP \ [JES2] COMMAND RELEASE PROGRAM - JOB NAME OR NUMBER EXPECTED}

**Examples of Incorrect Parameters**

Here are examples of parameters that will not work and why.
PARM='JOBCAT'

A JES2 command is expected; neither RELEASE nor CANCEL has been specified.

PARM='RELESE JOBCAT'

The JES2 command is unrecognized, since RELEASE is not spelled correctly.

PARM='RELEASE'

A job name or number is expected.

Restrictions

You cannot release or cancel a job belonging to someone else. The job to be released or cancelled must be submitted with the same userid as the job executing the RELEASE utility.

Only jobs awaiting execution can be cancelled. A job can be released if it is awaiting either execution or print.

If these two conditions are not satisfied, the JOB NOT FOUND or JOB IS ACTIVE message is written.

Programming Notes

If the COND parameter is coded properly on the EXEC statement for the RELEASE program, jobs will be released or cancelled depending on the success or failure of the current or previous jobs or job steps. For example,

// EXEC PGM=RELEASE, COND=(4, LT), PARM='A 4263'

will release job 4263 only if no preceding steps ended with a serious error.

Similarly, a job can be cancelled if a previous step ended with a serious error as follows:

// EXEC PGM=RELEASE, COND=(5, GT), PARM='C JOBT'

It is advisable to plan for all normal and abnormal conditions in a related set of jobs and either release or cancel the subsequent jobs accordingly. If any of the job steps ABEND, the RELEASE program step will not be executed unless COND=EVEN is used.

Your Comments are Welcome

We welcome your comments and suggestions on this and all UFIT documentation. Please send your comments to:
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