IBM Systems - iSeries
Advanced Job Scheduler for iSeries Commands
Version 5 Release 4
Note

Before using this information and the product it supports, be sure to read the information in "Notices," on page 165.
## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add Job using Job Scheduler (ADDJOBJS)</td>
<td>1</td>
</tr>
<tr>
<td>Change Job Authority using JS (CHGAUTJS)</td>
<td>25</td>
</tr>
<tr>
<td>Change Parameter Data (CHGDATAS)</td>
<td>29</td>
</tr>
<tr>
<td>Change Job using Job Scheduler (CHGJOBJS)</td>
<td>31</td>
</tr>
<tr>
<td>Change Notification Command (CHGNFWJS)</td>
<td>57</td>
</tr>
<tr>
<td>Change Pager Command using JS (CHGPGRJS)</td>
<td>59</td>
</tr>
<tr>
<td>Copy Job using Job Scheduler (CPYJOBJS)</td>
<td>61</td>
</tr>
<tr>
<td>Display History using JS (DSPHSTJS)</td>
<td>67</td>
</tr>
<tr>
<td>Display Job using JS (DSPJOBJS)</td>
<td>73</td>
</tr>
<tr>
<td>Display Log for Job Scheduler (DSPLOGJS)</td>
<td>83</td>
</tr>
<tr>
<td>End Job Scheduler (ENDJS)</td>
<td>89</td>
</tr>
<tr>
<td>Hold Job using Job Scheduler (HLDJOBJS)</td>
<td>91</td>
</tr>
<tr>
<td>Print Schedule using JS (PRTSCDJS)</td>
<td>93</td>
</tr>
<tr>
<td>Release Job using JS (RLSJOBJS)</td>
<td>97</td>
</tr>
<tr>
<td>Remove History using JS (RMVHSTJS)</td>
<td>99</td>
</tr>
<tr>
<td>Remove Job using Job Scheduler (RMVJOBJS)</td>
<td>101</td>
</tr>
<tr>
<td>Remove Log Entries from JS (RMVLOGEJS)</td>
<td>103</td>
</tr>
<tr>
<td>Rename Job using Job Scheduler (RNMJOBJS)</td>
<td>105</td>
</tr>
<tr>
<td>Submit Console Command (SBMCMDSJS)</td>
<td>107</td>
</tr>
<tr>
<td>Submit Job using Job Scheduler (SBMJOBJS)</td>
<td>109</td>
</tr>
<tr>
<td>Set Dependent Job using JS (SETDEPJS)</td>
<td>129</td>
</tr>
<tr>
<td>Set step using JS (SETSTPJS)</td>
<td>133</td>
</tr>
<tr>
<td>Send Distribution using JS (SNDDSTJS)</td>
<td>135</td>
</tr>
<tr>
<td>Send Reports using JS (SNDRPTJS)</td>
<td>143</td>
</tr>
<tr>
<td>Start Group using JS (STRGRPJS)</td>
<td>145</td>
</tr>
<tr>
<td>Start Job Scheduler (STRJS)</td>
<td>149</td>
</tr>
<tr>
<td>Work with History using JS (WRKHSTJS)</td>
<td>151</td>
</tr>
<tr>
<td>Work with Jobs using JS (WRKJOBJS)</td>
<td>157</td>
</tr>
<tr>
<td>Appendix. Notices</td>
<td>165</td>
</tr>
</tbody>
</table>
Add Job using Job Scheduler (ADDJOBJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Add Job using Job Scheduler (ADDJOBJS) command allows you to schedule batch jobs by adding an entry to the job schedule. Jobs can be a single job or a member of a group of jobs or an application. You can use this command to schedule a batch job to be submitted once, at a regular interval and so on, based on the schedule code you specify. You can schedule jobs with user-defined calendars, holiday exception calendars and fiscal year calendars.

The job schedule entry contains all of the information needed to submit the job, including the commands to process, the job description and user profile under which the job is run, the job queue to which the job is submitted, the message queue to which messages are sent and so on.

At the date and time you specify or Advanced Job Scheduler calculates, the job is submitted to the specified job queue. This command does not guarantee that the job will begin running at the scheduled time, however. The job will not begin running if the job queue is held or attached to an inactive subsystem, or if the maximum number of active jobs allowed to run in the subsystem or on the system at one time has been reached.

Each job schedule entry is identified by a user-defined job, which is specified for the Job entry (JOB) parameter of this command.

Restrictions:
- You must have use (*USE) authority to the job description and the user profile.
- You must have *USE and add (*ADD) authorities to the message queue.
- You must have read (*READ) authority to the job queue and to all libraries associated with the specified objects.
- You must have *USE authority to the *ADDJOB function.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Required, Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Name, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *NONE</td>
<td></td>
</tr>
<tr>
<td>APP</td>
<td>Application</td>
<td>Name, *NONE, *JOBCTL</td>
<td>Optional</td>
</tr>
<tr>
<td>TIME</td>
<td>Scheduled time</td>
<td>Values (up to 10 repetitions): 0-2400</td>
<td>Optional</td>
</tr>
<tr>
<td>ITVMIN</td>
<td>Interval</td>
<td>1-720</td>
<td>Optional</td>
</tr>
<tr>
<td>CAL</td>
<td>Calendar</td>
<td>Name, *NONE, *JOBCTL</td>
<td>Optional</td>
</tr>
<tr>
<td>HDYCAL</td>
<td>Holiday calendar</td>
<td>Name, *NONE, *JOBCTL</td>
<td>Optional</td>
</tr>
<tr>
<td>Keyword</td>
<td>Description</td>
<td>Choices</td>
<td>Notes</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------</td>
<td>-------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>FSCCAL</td>
<td>Fiscal calendar</td>
<td>Name, *NONE, *JOBCTL</td>
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</tr>
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<td>ITVDAY</td>
<td>Interval</td>
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<td>DATE</td>
<td>Dates of the year</td>
<td>Values (up to 13 repetitions): Decimal number</td>
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<tr>
<td>SNGDATE</td>
<td>Single date</td>
<td>Decimal number, *NEXT</td>
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<td>SAVE</td>
<td>Save</td>
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<td>DAYMONTH</td>
<td>Day of the month</td>
<td>Values (up to 13 repetitions): 1-31</td>
<td>Optional</td>
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<tr>
<td>WRKDAY</td>
<td>Working days</td>
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<td>Optional</td>
</tr>
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<td>FSCPERIOD</td>
<td>Fiscal period</td>
<td>Single values: *ALL Other values (up to 13 repetitions): 1-13</td>
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<tr>
<td>TEXT</td>
<td>Text</td>
<td>Character value, *NONE</td>
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<tr>
<td>CMD</td>
<td>Command request</td>
<td>Command string</td>
<td>Optional</td>
</tr>
<tr>
<td>RMTLOCNAME</td>
<td>Remote location name</td>
<td>Name, *JOBCTL, *LCL</td>
<td>Optional</td>
</tr>
<tr>
<td>RANGE</td>
<td>Schedule range</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Start time and date</td>
<td>Element list</td>
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</tr>
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<td>Element 2: Beginning time</td>
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<td></td>
<td>Element 2: Beginning date</td>
<td>Character value, *NONE</td>
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</tr>
<tr>
<td></td>
<td>Element 2: End time and date</td>
<td>Element list</td>
<td></td>
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<tr>
<td></td>
<td>Element 1: Ending time</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Ending date</td>
<td>Character value, *NONE</td>
<td></td>
</tr>
<tr>
<td>MAXRUN</td>
<td>Maximum run time</td>
<td>1-9999, *NOMAX</td>
<td>Optional</td>
</tr>
<tr>
<td>PGRRCPNORM</td>
<td>Notification normal</td>
<td>Single values: *NONE Other values: Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Notification recipient</td>
<td>Name, *JOBCTL, *ONCALL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Notification message</td>
<td>Character value, *JOBCTL, *COMP</td>
<td></td>
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<tr>
<td>PGRRCPABN</td>
<td>Notification abnormal</td>
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<td>Element 1: Notification recipient</td>
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<tr>
<td></td>
<td>Element 2: Notification message</td>
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</tr>
<tr>
<td>PGRRCPSTR</td>
<td>Notification start job</td>
<td>Single values: *NONE Other values: Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Notification recipient</td>
<td>Name, *JOBCTL, *ONCALL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Start limit</td>
<td>1-999, *JOBCTL</td>
<td></td>
</tr>
<tr>
<td>ALTJOB</td>
<td>Alternate job</td>
<td>Single values: *NONE Other values: Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Name, *NONE</td>
<td></td>
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<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *NONE</td>
<td></td>
</tr>
<tr>
<td>RPTDSTID</td>
<td>Report distribution ID</td>
<td>Name, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>RCYACN</td>
<td>Recovery action</td>
<td>*JOBCTL, *SBMRLS, *SBMHLD, *NOSBM</td>
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</tr>
</tbody>
</table>
### Keywords

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOBD</td>
<td>Job description</td>
<td>Single values: *JOBCTL, *USRPRF Other values: Qualified object name</td>
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</tr>
<tr>
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<td>Qualifier 1: Job description</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Qualifier 2: Library</td>
<td>Name, *LIBL, *CURLIB</td>
<td></td>
</tr>
<tr>
<td>JOBQ</td>
<td>Job queue</td>
<td>Single values: *JOBCTL, *JOB Other values: Qualified object name</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Qualifier 1: Job queue</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Qualifier 2: Library</td>
<td>Name, *LIBL, *CURLIB</td>
<td></td>
</tr>
<tr>
<td>JOBPPTY</td>
<td>Job priority (on JOBQ)</td>
<td>1-9, *JOBCTL, *JOB</td>
<td>Optional</td>
</tr>
<tr>
<td>OUTQ</td>
<td>Output queue</td>
<td>Single values: *JOBCTL, *USRPRF, *DEV, *JOB Other values: Qualified object name</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Qualifier 1: Output queue</td>
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</tr>
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<td></td>
<td>Qualifier 2: Library</td>
<td>Name, *LIBL, *CURLIB</td>
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<tr>
<td>USER</td>
<td>User</td>
<td>Name, *JOBCTL, *CURRENT, *JOB</td>
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<tr>
<td>PRTTXT</td>
<td>Print text</td>
<td>Character value, *JOBCTL, *BLANK, *JOB, *SYSVAL</td>
<td>Optional</td>
</tr>
<tr>
<td>RTGDTA</td>
<td>Routing data</td>
<td>Character value, *JOBCTL, *JOB</td>
<td>Optional</td>
</tr>
<tr>
<td>CURLIB</td>
<td>Current library</td>
<td>Name, *JOBCTL, *USRPRF, *CRDTDT</td>
<td>Optional</td>
</tr>
<tr>
<td>LIBL</td>
<td>Library list</td>
<td>Name, *JOBCTL, *JOB, *SYSVAL, *NONE</td>
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</tr>
<tr>
<td>LOG</td>
<td>Message logging</td>
<td>Element list</td>
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</tr>
<tr>
<td></td>
<td>Element 1: Level</td>
<td>0-4, *JOBCTL, *JOB</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Severity</td>
<td>0-99, *JOBCTL, *JOB</td>
<td></td>
</tr>
<tr>
<td>LOGCLPGM</td>
<td>Log CL program commands</td>
<td>*JOBCTL, *JOB, *YES, *NO</td>
<td>Optional</td>
</tr>
<tr>
<td>HOLD</td>
<td>Hold on job queue</td>
<td>*JOBCTL, *JOB, *YES, *NO</td>
<td>Optional</td>
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<tr>
<td>SWS</td>
<td>Job switches</td>
<td>Character value, *JOBCTL, *JOB</td>
<td>Optional</td>
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<tr>
<td>MSGQ</td>
<td>Message queue</td>
<td>Single values: *JOBCTL, *USRPRF, *NONE Other values: Qualified object name</td>
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</tr>
<tr>
<td></td>
<td>Qualifier 1: Message queue</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Qualifier 2: Library</td>
<td>Name, *LIBL, *CURLIB</td>
<td></td>
</tr>
<tr>
<td>RUNPTY</td>
<td>Run priority</td>
<td>01-99, *JOBCTL, *NOCHG</td>
<td>Optional</td>
</tr>
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<td>INLASPGPRF</td>
<td>Initial ASP group</td>
<td>Name, *JOBCTL, *CURRENT, *JOB, *NONE</td>
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<tr>
<td>ADLCMD</td>
<td>Additional commands</td>
<td>Values (up to 4 repetitions): Character value</td>
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</tbody>
</table>

### Job entry (JOB)

Specifies the name of the job schedule entry. You must specify a job name for every job and alternately can specify a group to which the job belongs as well as a sequence number for the job within the group.

The first job of a group must be sequence number 1. Subsequent sequence numbers should leave gaps (10, 20, 30 and so on) to allow job insertions if necessary.

This is a required parameter.
Element 1: Job

name Specify the user-defined name of the job schedule entry.

Element 2: Group

*NONE The job is not assigned to a group.

name Specify the user-defined name of the group to which the job belongs.

Element 3: Group sequence

*NONE There is not a sequence number assigned to the job.

1-99 Specify the sequence number of the job within the group.

Application (APP)

Specifies the name of the application to which the job specified for the Job (JOB) parameter belongs.

*JOBCTL The application specified in the job controls is used as the application for this job.

*NONE There is no application specified for this job.

name Specify the name of the application to which the job that you are adding belongs.

Schedule code (SCDCDE)

Specifies the schedule code that you want to assign to the job.

Note: The days that a job runs as a result of selecting a schedule code can be modified by selecting a calendar in one of the calendar fields. You can review calendars by going to the Job Controls (JSJOBCTL) menu and selecting the calendar type you want to review.

*DAILY The job is scheduled to run on a daily basis or on selected days every week. For example, it may be scheduled to run on Wednesday only, or every day of the week.

*CALENDAR You are using a calendar to schedule the job. Calendars are specified in the Work with Calendars display.

*DATE The job is scheduled to run on specific dates throughout the year. They are kept in the system in month day (MMDD) or day month (DDMM) format depending on the system value and will be submitted on the specified dates. Up to 13 dates can be scheduled.

*DAY The job is to be run on particular calendar days of the month, every month. These are entered in day (dd) format.

*NUMDAY The job runs every specified number of days. The number of days specified can range from 1 to 99.
**Note:** If the scheduled time to run is greater than the current time, Advanced Job Scheduler will count that time as a whole day (if you enter an Advanced Job Scheduler job on Monday at 3:00 p.m. to run every 2 days at 5:00 p.m., the job will run the first time on Tuesday at 5:00 p.m.).

**MINUTES**
The job runs every specified number of minutes. The number of minutes is based on the number of minutes specified for the *Interval (ITVMIN)* parameter.

**ONCE**
The job is to be run once. The *Save (SAVE)* parameter indicates whether the job is to be saved (*YES) or deleted (*NO) after it is run. If it is a job group, the SAVE parameter will not be shown and will assume saved (*YES). The date that the job is scheduled to be run is specified for the *Single date (SNGDATE)* parameter. Leaving the date blank will run the job when the scheduled time is reached.

**MONTHEND**
The job runs on the last day of the month.

**FIRST**
The job is to run on the first designated day of each month or specified fiscal period. This option is used in conjunction with the *Single day (SNGDAY)* parameter. For instance, if *TUE* is specified for the SNGDAY parameter, the job will be scheduled to run on the first Tuesday of each month.

**SECOND**
The job is to run on the second designated day of each month or specified fiscal period. This option is used in conjunction with the SNGDAY parameter. For instance, if *TUE* is specified for the SNGDAY parameter, the job will be scheduled to run on the second Tuesday of each month.

**THIRD**
The job is to run on the third designated day of each month or specified fiscal period. This option is used in conjunction with the SNGDAY parameter. For instance, if *TUE* is specified for the SNGDAY parameter, the job will be scheduled to run on the third Tuesday of each month.

**FOURTH**
The job is to run on the fourth designated day of each month or specified fiscal period. This option is used in conjunction with the SNGDAY parameter. For instance, if *TUE* is specified for the SNGDAY parameter, the job will be scheduled to run on the fourth Tuesday of each month.

**FIFTH**
The job is to run on the fifth designated day of each month or specified fiscal period. This option is used in conjunction with the SNGDAY parameter. For instance, if *TUE* is specified for the SNGDAY parameter, the job will be scheduled to run on the fifth Tuesday of each month.

**Note:** If there is not a fifth occurrence in a month, the job will not run and will be scheduled for the next time there is a fifth occurrence of a selected day in a month.

**LAST**
The job is to run on the last designated day of each month or specified fiscal period. This option is used in conjunction with the SNGDAY parameter. For instance, if *TUE* is specified for the SNGDAY parameter, the job will be scheduled to run on the last Tuesday of each month.

**FIRSTWRK**
The job is to run on the first working day of each month or specified fiscal period. This option is used in conjunction with the *Working days* field in the system controls.

**LASTWRK**
The job is to run on the last working day of each month or specified fiscal periods. This option is used in conjunction with the *Working days* field in the system controls.
**ALTERNATE**

The job is to run when a regular job terminates abnormally and has this job defined as its alternate job.

**NONE**

The job is not a scheduled job. It can be a member of a group job waiting for submission, a job waiting for a predecessor job to run, or a job waiting for manual submission by a user.

Note: The schedule code *NONE replaces the schedule code *DEPJOB which was used in releases prior to V4R2.

**JOBCTL**

The job is scheduled to run based on the schedule code specified in the job controls.

---

**Scheduled time (TIME)**

Specifies the time or times that you want the job to run on specified days. Times are entered in hour, minute (HHMM) format and can range from 0001 to 2400 (midnight).

You can enter multiple values for this parameter.

**0-2400** Specify the time that you want Advanced Job Scheduler to submit the job.

---

**Interval (ITVMIN)**

Specifies the number of minutes that you want to use as an interval with the *MINUTES schedule code. This field is required when the *MINUTES schedule code is used.

**1-720** Specify the number of minutes between submissions of the job.

---

**Calendar (CAL)**

Specifies the name of the calendar that you want to use for the job. A calendar is a user-defined set of days or dates that can be used with all schedule codes except *NONE, *ALTERNATE and *NUMDAY. Calendars allow you to add multiple dates to a schedule in addition to normally scheduled dates.

**JOBCTL**

The calendar that is used for this job is the calendar specified in the job controls.

**NONE**

This job does not use a calendar.

**name** Specify the name of the calendar that you want to use for this job.

---

**Holiday calendar (HDYCAL)**

Specifies the name of the holiday calendar that you want to use with a job. A holiday calendar is a user-defined set of exception days or dates. It can be used to determine whether a job will process.
**JOBCTL**
The value specified for holiday calendar in the job controls is used for this job.

**NONE**
This job does not use a holiday calendar.

*name*
Specify the name of the holiday calendar that you want to use for this job.

---

**Fiscal calendar (FSCCAL)**
Specifies the name of the fiscal year calendar that you want to use with the job specified for the Job (JOB) parameter. Fiscal year calendars are made up of 12 or 13 periods with starting and ending dates for each period.

**JOBCTL**
The value specified for fiscal calendar in the job controls is used for this job.

**NONE**
There is not a fiscal calendar for this job.

*name*
Specify the name of the user-defined fiscal year calendar that you want to use for this job.

---

**Days (DAY)**
Specifies the days that you want this job to process. Days are used with the *DAILY and *MINUTES schedule codes or job groups with a sequence number greater than 1.

You can enter multiple values for this parameter.

**ALL**
The job runs on all days.

**MON**
The job is scheduled to run on Monday.

**TUE**
The job is scheduled to run on Tuesday.

**WED**
The job is scheduled to run on Wednesday.

**THU**
The job is scheduled to run on Thursday.

**FRI**
The job is scheduled to run on Friday.

**SAT**
The job is scheduled to run on Saturday.

**SUN**
The job is scheduled to run on Sunday.

---

**Single day (SNGDAY)**
Specifies the day of the week that you want this job to process. Day of the week is used with the *FIRST, *SECOND, *THIRD, *FOURTH, *FIFTH and *LAST schedule codes.

*Note: *SUN is the default day of the week when you specify *FIRST, *SECOND, *THIRD, *FOURTH, *FIFTH or *LAST.*

**SUN**
The job is scheduled to run on Sunday.
*MON The job is scheduled to run on Monday.
*TUE The job is scheduled to run on Tuesday.
*WED The job is scheduled to run on Wednesday.
*THU The job is scheduled to run on Thursday.
*FRI The job is scheduled to run on Friday.
*SAT The job is scheduled to run on Saturday.

Interval (ITVDAY)
Specifies the number of days that you want to use as an interval with the *NUMDAY schedule code. This field is required with the *NUMDAY schedule code.

1-99 Specify the number of days between submissions of the job.

Dates of the year (DATE)
Specifies the dates that a job is scheduled to be processed. Dates are entered in month, day (MMDD) format or (DDMM) format depending on the system value. The DATE parameter is required when the Schedule code (SCDCDE) parameter has the value *DATE.

You can enter multiple values for this parameter.

date Specify a date that a job is to be submitted.

Single date (SNGDATE)
Specifies the date that a job is scheduled to be processed. Dates are entered in month, day (MMDD) format or (DDMM) format depending on the system format. The SNGDATE parameter is used when the Schedule code (SCDCDE) parameter contains *ONCE.

*NEXT The job is to be processed at the next scheduled time.

date Specify the single date that the job is to be submitted.

Save (SAVE)
Specifies whether this job is to be saved after it has run. The SAVE parameter is used with the *ONCE schedule code.

*YES The job is to be saved in Advanced Job Scheduler after it has run.
*NO The job is to be deleted by Advanced Job Scheduler after it has run.
Day of the month (DAYMONTH)

Specifies the days of the month that you want this job to process. Days of the month are used with the *DAY schedule code.

You can specify 13 values for this parameter.

1-31 Specify the day of the month that you the job to be processed.

Working days (WRKDAY)

Specifies whether the days specified for the Day of the month (DAYMONTH) parameter or Interval (ITVDAY) parameter are working days. Working days are used with the *DAY and *NUMDAY schedule codes respectively. For instance, when using the *DAY schedule code, if you specified DAYMONTH(05 10) and WRKDAY(*YES), the job would run on the fifth and tenth working day of each month. If you had specified *NO, the job would run each fifth and tenth calendar day of the month. Working days are specified in the system controls.

If you were using the *NUMDAY schedule code, the interval that you select would be based on working days or calendar days, depending on your selection in the WRKDAY parameter.

*NO Do not use working days in conjunction with the DAYMONTH or INTERVAL parameter respectively.

*YES Use working days in conjunction with the DAYMONTH or INTERVAL parameter respectively.

Fiscal period (FSCPERIOD)

Specifies the periods within a fiscal year for the job. Periods are used when a fiscal calendar name is specified for the Fiscal calendar (FSCCAL) parameter.

Single values

*ALL All periods are to be included for the job.

Other values (up to 13 repetitions)

1-13 Specify the fiscal periods that you want to include for the job.

Text (TEXT)

Specifies the text related to the job.

*NONE The job does not have any text description associated with it.

character-value Specify the text description associated with the job.
Command request (CMD)

Specifies the command that you want to process in this job. You can specify a command, a call to a program or pass parameters to a called program. Commands are checked for validity and parameters are validated against the Advanced Job Scheduler parameter file. Object existence is not checked on added or changed jobs.

command-string
  Specify the command to be run.

Remote location name (RMTLOCNAME)

Specifies the location and network identification of the system on which to run the job.

Note: A value specified for the RMTLOCNAME parameter will be ignored when used with schedule code *ALTERNATE.

*JOBCTL
  Use the remote location name specified in the job controls.

*LCL  Run the job on the local server.

remote-location-name
  Specify the name of the remote location associated with the system on which to run the job.

network-ID.remote-location-name
  Specify the network identifier and the name of the remote location associated with the system. Specify these values using the format nnnnnnnn.cccccccc where nnnnnnnn is the network identifier and cccccccc is the remote location name.

Schedule range (RANGE)

Specifies the starting and ending time and date range for the job.

Note: If you are using the *MINUTES schedule code, the Beginning time value is used in conjunction with the Ending time. The *MINUTES schedule code is the only schedule code that uses these two values to indicate when a job starts and stops.

Element 1: Start time and date

Element 1: Beginning time

*NONE  No beginning time is specified for the job.

0-2400  Specify the beginning time for the job in hour, minute (HHMM) format.

Element 2: Beginning date

*NONE  There is not a beginning date specified for this job.
Specify the beginning date for this job in job format.

**Element 2: End time and date**

**Element 1: Ending time**

*NONE

There is not an ending time specified for this job.

0-2400 Specify the ending time for this job in hour, minute (HHMM) format.

**Element 2: Ending date**

*NONE

There is not an ending date specified for this job.

character-value

Specify the ending date for this job in job format.

---

**Maximum run time (MAXRUN)**

Specifies the maximum run duration in minutes for the job.

**Note:** A value specified for the MAXRUN prompt will be ignored when used with schedule code *ALTERNATE.

*NOMAX

There is no maximum duration for the job.

1-9999 Specify the number of minutes that is the maximum duration for this job. After this number of minutes has passed, Advanced Job Scheduler will end the job whether it has completed or not.

---

**Notification normal (PGRRCPNORM)**

Specifies the notification recipient who is to receive normal completion messages for the job that you are adding or changing. This field is used in conjunction with the notification command.

**Note:** SMTP information must be specified before this feature may be used with the Send Distribution using JS (SNDDSTJS) command.

**Note:** The values that you specify for Notification recipient normal and Notification message are the substitution variables used for the &RCP and &MSGTXT variables respectively in the CHGNFYJS command.

You can specify the notification message that you want to send to the specified recipient when the job completes normally.
Single values

*NONE
    No notification recipient is assigned to receive messages when this job completes normally.

Element 1: Notification recipient

*JOBCTL
    You are using the notification recipient specified in the job controls.

*ONCALL
    Only recipients that are on-call will receive the message.

name
    Specify the name of a recipient who is to receive messages from the job when it completes normally.

Element 2: Notification message

*JOBCTL
    The notification recipient is sent the notification message from the job controls.

*COMP
    The completion status of the job is sent.

character-value
    Specify the notification message that you want to send to the notification recipient when this job completes normally.

Notification abnormal (PGRRCPABN)

Specifies the notification recipient who is to receive abnormal completion messages for the job that you are adding or changing. This field is used in conjunction with the notification command.

Note: SMTP information must be specified before this feature may be used with the Send Distribution using JS (SNDDSTJS) command.

Note: The values that you specify for Notification recipient abnormal and Notification message are the substitution variables used for the &RCP and &MSGTXT variables respectively in the CHGNFYJS command.

You can specify the notification message that you want to send to the specified recipient when the job completes abnormally.

Single values

*NONE
    No notification recipient is assigned to receive messages when this job completes abnormally.

Element 1: Notification recipient

*JOBCTL
    You are using the notification recipient specified in the job controls.

*ONCALL
    Only recipients that are on-call will receive the message.

name
    Specify the name of a recipient who is to receive messages from the job when it completes abnormally.
Element 2: Notification message

*JOBCTL
The notification recipient is sent the notification message from the job controls.

*COMP
The completion status of the job is sent.

class-value
Specify the notification message that you want to send to the notification recipient when this job completes abnormally.

Notification start job (PGRRCPSTR)

Specifies the notification recipient who is to receive notification for the job that you are adding or changing if the job does not start within the limit after it has been submitted. This field is used in conjunction with the notification command.

Note: SMTP information must be specified before this feature may be used with the Send Distribution using JS (SNDDSTJS) command.

Note: The values that you specify for Notification recipient start job is the substitution variable used for the &RCP variable in the CHGNFYJS command. The &MSGTXT will be replaced with message IJS6059.

You can specify the start limit in minutes. This is the amount of time a job can be sitting on the job queue before a notification is issued.

Single values

*NONE
No notification recipient is assigned to receive messages when this job exceeds the start limit.

Element 1: Notification recipient

*JOBCTL
You are using the notification recipient specified in the job controls.

*ONCALL
Only recipients that are on-call will receive the message.

name
Specify the name of a recipient who is to receive messages if the job does not start within the limit after the job has been submitted.

Element 2: Start limit

*JOBCTL
The start limit in the job controls is used.

1-999
Specify the number of minutes that a job can be sitting on the job queue before a notification is issued.
Alternate job (ALTJOB)

Specifies the name of the alternate job for the job that you are adding. Alternate jobs only run when a regular job terminates abnormally. Jobs are not required to have alternate jobs. If you want to select a job from a job list when prompting this command, place the cursor on this parameter and press F4.

You can also specify a group and group sequence if the alternate job is a member of a group.

Single values

*NONE
- The job does not have an alternate job.

Element 1: Job

name  Specify the name of the job that you want to be the alternate job for this job.

Element 2: Group

*NONE
- The alternate job does not have an alternate group.

name  Specify the name of the group associated with the alternate job for this job.

Element 3: Group sequence

*NONE
- The alternate job does not have a sequence number assigned.

1-99  Specify the sequence number assigned to the alternate job.

Report distribution ID (RPTDSTID)

Specifies the report distribution ID that is used to distribute the reports generated as a result of processing the job.

*NONE
- The job does not have a report distribution ID.

name  Specify the report distribution ID that you want to associate with this job.

Recovery action (RCYACN)

Specifies the recovery action to be taken if the job cannot be submitted at the designated time because the system is powered down or in restricted state. The action specified on the parameter occurs at the next IPL or when the Advanced Job Scheduler system becomes active.

Jobs submitted during IPL or when the system comes out of restricted state are submitted in the same order that they would have been had the jobs been submitted at the times specified in the job schedule entries. If multiple occurrences of a recurring job are missed, the job is submitted only once. The first missed occurrence of the job is calculated from the current date.

Since the scheduler portion of IPL need not be complete for the IPL of the system to be complete, other jobs may start on the system before all of the jobs have been submitted.
This parameter does not apply when a job is released after being held at the to be submitted.

Note: A value specified for the RCYACN parameter will be ignored when used with schedule code *ALTERNATE or *NONE.

*JOBCTL
The job uses the recovery action specified in the job controls.

*SBMRLS
The job is submitted in release state (RLS).

*SBMHLD
The job is submitted in the held state (HLD).

*NOSBM
The job is not submitted.

Specifying *NOSBM affects only missed occurrences of the job. If the job schedule entry is a recurring job, future occurrences are not affected.

Job description (JOBD)
Specifies the job description to be used with this job.

Single values

*JOBCTL
The job description specified in the job controls is used for this job.

*USRPRF
The job description in the user profile under which the submitted job runs is used as the job description of the submitted job.

Qualifier 1: Job description
name Specify the name of the job description used for the job.

Qualifier 2: Library

*LIBL The library list is used to locate the job description.

*CURLIB
The current library for the job is used to locate the job description. If no library is specified as the current library for the job, QGPL is used.

name Specify the name of the library where the job description is located.

Job queue (JOBQ)
Specifies the job queue in which this job is to be placed.

Single values

*JOBCTL
The job queue specified in the job controls is used for this job.
The submitted job is placed on the job queue named in the specified job description.

Qualifier 1: Job queue
name Specify the name of the job queue on which the submitted job is placed.

Qualifier 2: Library
*LIBL The library list is used to locate the job queue.
*CURLIB The current library for the job is used to locate the job queue. If no library is specified as the current library for the job, QGPL is used.
name Specify the name of the library where the job queue is located.

Job priority (on JOBQ) (JOBPTY)
Specifies the job queue scheduling priority. Valid values range from 1 through 9, where 1 is the highest priority and 9 is the lowest priority.
*JOBCTL The scheduling default specified in the job controls is used for the job.
*JOB The scheduling priority specified in the job description is used for the job.
1-9 Specify a value for the scheduling priority for the job.

Output priority (on OUTQ) (OUTPTY)
Specifies the output queue priority for spooled output files that are produced by this job. Valid values range from 1 through 9, where 1 is the highest priority and 9 is the lowest priority.
*JOBCTL The output priority default specified in the job controls is used for the job.
*JOB The output priority specified in the job description is used for the job.
1-9 Specify a value for the output priority for the job.

Print device (PRTDEV)
Specifies the qualified name of the default printer device for this job.
*JOBCTL The printer specified in the job controls is used by the job as the printer device.
*CURRENT The same printer device being used by the job that is currently running is used for this job.
*USRPRF
The printer device specified in the user profile where the submitted job runs is used as the printer device for this job. The printer device name is obtained from the profile when this job is submitted.

*SYSVAL
The printer device specified in the system value, QPRTDEV, when this job is submitted is used.

*JOBD
The printer device specified in the job description is used for the submitted job.

name Specify the name of the printer device used for the submitted job.

Output queue (OUTQ)
Specifies the output queue to be used for spooled output produced by the job. This parameter only applies to spooled printer files that specify *JOB for the output queue.

Single values

*JOBCTL
The output queue specified in the job controls is used as the job’s output queue.

*USRPRF
The output queue in the user profile where the submitted job runs is used as the output queue for this job.

*DEV
The output queue associated with the printer device for the spooled file is used.

*JOBD
The output queue named in the job description used with the submitted job is the job’s default output queue.

Qualifier 1: Output queue

name Specify the name of the output queue to be used as the default output queue by the submitted

Qualifier 2: Library

*LIBL
The library list is used to locate the output queue.

*CURLIB
The current library for the job is used to locate the output queue. If no library is specified as the current library for the job, QGPL is used.

name Specify the name of the library where the output queue is located.

User (USER)
Specifies the name of the user profile for the job being submitted. If *RQD is specified in the job description, *JOBD cannot be specified; a user name must be specified instead.

Note: The following IBM-supplied objects are not valid on this parameter:

- QDBSHR
- QDFTOWN
- QDOC
The user profile specified in the job controls is used for the job being submitted.

The same user profile used by the job that is currently running is used for the submitted job.

The user profile named in the specified job description is used for the job being submitted.

Specify the name of the user profile that is used for the job being submitted. You must be authorized to the user profile; the user profile must be authorized to the job description.

Print text (PRTTXT)

Specifies up to 30 characters of text that is printed at the bottom of each page of printed output and on separator pages.

The value in the job controls is used for this job.

The value in the job description is used for this job.

The system value, QPRTTXT, is used for this job.

No text is printed.

Specify the character string that is printed at the bottom of each page. A maximum of 30 characters can be entered, enclosed in apostrophes. The text on the listing will be centered in the same way it is entered.

Routing data (RTGDTA)

Specifies the routing data used to start the first routing step in the job. The routing data is used to determine the routing entry that identifies the program that the job runs.

The value in the job controls for routing data is used for this job.

The routing data specified in the job description is used to start the routing steps.
character-value
   Specify the character string that is used as routing data for the job. A maximum of 80 characters can be entered, enclosed in apostrophes if necessary.

Current library (CURLIB)

Specifies the name of the current library associated with the job being run.

*JOBCTL
   The current library specified in the job controls is used for the job being submitted.

*USRPRF
   The current library in the user profile where the submitted job runs is used as the current library for the submitted job.

*CRTDFT
   There is no current library for the submitted job. If objects are created in the current library, QGPL is used as the default current library.

name
   Specify the name of a library used as the current library of the submitted job.

Library list (LIBL)

Specifies the name of the library list that is used to search for any operating system object names that were specified without a library qualifier. If you want to select a library list from a list when prompting this command, place the cursor on this parameter and press F4.

*JOBCTL
   The library list specified in the job controls is used for the job being submitted.

*JOB
   The library list in the job description used with this job is used as the initial user part of the library list for the job.

*SYSVAL
   The system default user library list is used by this job. It contains the library names that were specified in the system value, QUSRLIBL, at the time that the job is started.

*NONE
   The user portion of the initial library list for this job will be empty.

name
   Specify the name of the library list that you want to use for this job.

Message logging (LOG)

Specifies the message logging values used to determine the amount and type of information sent to the job log by this job. This parameter has three elements: the message (or logging) level, the message severity, and the level of message text. If no values are specified on this parameter, the values specified in the job description associated with this job are used.

Element 1: Level
*JOBCTL
The value specified in the job controls for logging is used for this job.

*JOB
The value specified for message logging in the job description is used for this job.

0-4 Specify a value for the message logging level to be used for this job’s messages. The possible logging levels are:

0 No data is logged.
1 The following information is logged: All messages sent to the job’s external message queue with a severity level greater than or equal to the message severity specified (this includes the indications of job start, job end and job completion status).
2 The following information is logged:
   • Logging level 1 information.
   • Requests or commands being logged from a CL program for which messages are issued with a severity code greater than or equal to the severity level specified.
   • All messages associated with a request, or commands being logged from a CL program, that results in a high-level message with a severity level greater than or equal to the severity specified.
3 The following information is logged:
   • Logging level 1 information.
   • All requests or commands being logged from a CL program.
   • All messages associated with a request, or commands being logged from a CL program, that results in a high-level message with a severity level greater than or equal to the severity specified.
4 The following information is logged: All requests or commands being logged from a CL program and all messages with a severity code greater than or equal to the severity specified, including trace messages.
   Note: A high-level message is one that is sent to the program message queue of the program that received the request or commands being logged from a CL program.

Element 2: Severity

*JOBCTL
The value specified in the job controls for message severity is used for this job.

*JOB
The value specified for message logging in the job description is used for this job.

0-99 Specify the lowest severity level that causes an error message to be logged in the job’s log.

Element 3: Text

*JOBCTL
The value specified in the job controls for message text is used for this job.

*JOB
The value specified for message logging in the job description is used for this job.

*MSG Only message text is written to the job’s log or shown to the user.

*SECLVL Both the message text and message help of the error message is written to the job’s log or shown to the user.
*NOLIST
   No job log is produced if the job completes normally. If the job ends abnormally (if the end of job code is 20 or higher), a job log is produced. The messages appearing in the job’s log contain both message text and help text.

---

Log CL program commands (LOGCLPGM)

Specifies whether the commands that are run in a control language program are logged to the job log by way of the CL program’s message queue. This parameter sets the status of the job’s logging flag. If *JOB has been specified for the LOG parameter on the Create CL Program (CRTCLPGM) command, the value specified for this parameter is used. Other values for the LOG parameter override the value specified for this parameter. The commands are logged in the same manner as the requests.

*JOBCTL
   The value in the job controls is used for this job.

*JOB
   The value specified in the job description is used.

*YES
   The commands in a CL program are logged to the job log.

*NO
   The commands in a CL program are not logged to the job log.

---

Inquiry message reply (INQMSGRPY)

Specifies the way that predefined messages that are sent as a result of running this job are answered. You can specify that no change is made in the way that predefined messages are answered, or that all inquiry messages require a reply, or that a default reply is issued, or that the system reply list is checked for a matching reply as each predefined inquiry message is sent.

*JOBCTL
   The value in the job controls for inquiry message reply is used for this job.

*JOB
   The inquiry message reply control specified in the job description used with this job is used.

*RQD
   A reply is required by the receiver of the inquiry message for all inquiry messages that occur when this command is run.

*DFT
   The default message reply is used to answer any inquiry messages that occur when this command is run.

*SYRPL
   The system reply list is checked to see if there is an entry for any inquiry message that is issued as a result of running this job that has a message identifier and any comparison data that match the inquiry message identifier and message data. If a match occurs, the reply value in that entry is used. If no entry exists for that message, a reply is required.

---

Hold on job queue (HOLD)

Specifies whether this job is held at the time that it is put on the job queue. A job placed on the job queue in the hold state is held until it is released by the Release Job (RLSJOB) command or ended, either by the End Job (ENDJOB) command or by the Clear Job Queue (CLRJOBQ) command.
The value in the job controls for hold on job queue is used for this job.

The value specified in the job description determines whether the job is held when it is put on the job queue.

The job is held when it is put on the job queue until it is released by a Release Job (RLSJOB) command or ended by an End Job (ENDJOB) command.

The job is not held when it is put on the job queue.

The value in the job controls for job switches is used for this job.

The value specified in the job description is the first setting for the job’s switches.

Specify any combination of eight zeros and ones that is used as the first switch setting for the submitted job.

The library list is used to locate the message queue.

The current library for the job is used to locate the message queue. If no library is specified as the current library for the job, QGPL is used.

The name of the message queue to which a completion message is sent when the submitted job has completed running, either normally or abnormally. If an abnormal ending occurs, the help information for the completion message specifies the possible causes.

The value in the job controls for message queue is used for this job.

A completion message is sent to the message queue specified in the user profile of the submitter.

No completion message is sent.

Specify the name of the message queue to which the completion message is to be sent.

The library list is used to locate the message queue.

The current library for the job is used to locate the message queue. If no library is specified as the current library for the job, QGPL is used.
name Specify the name of the library where the message queue is located.

---

**Accounting code (ACGCDE)**

Specifies the accounting code that is used when logging system resource use for jobs that use this description.

*JOBCTL* The accounting code for jobs using this description is obtained from the job controls.

*JOB* The accounting code for jobs using this description is obtained from the job description.

*USRPRF* The accounting code for jobs using this description is obtained from the user profile associated with the job.

*BLANK* An accounting code of 15 blanks is assigned to jobs that use this description.

**character-value** Specify the accounting code that you want to use for jobs using this description.

---

**Run priority (RUNPTY)**

Specifies the run priority for the job. Run priority is a value ranging from 1 (highest priority) through 99 (lowest priority), that represents the importance of the job when it competes with other jobs for machine resources. This value represents the relative (not absolute) importance of the job. If the job is rerouted, this value is reset according to the job’s importance within the job class.

*JOBCTL* The run priority is obtained from the job controls.

*NOCHG* The run priority is not changed when job processing starts.

01-99 Specify the run priority to be used.

---

**Initial ASP group (INLASPGRP)**

Specifies the initial setting for the auxiliary storage pool (ASP) group name for the initial thread of the submitted job. A thread can use the Set ASP Group (SETASPGRP) command to change its library name space. When an ASP group is associated with a thread, all libraries in the independent ASPs in the ASP group are accessible and objects in those libraries can be referenced using regular library-qualified object name syntax. The libraries in the independent ASPs in the specified ASP group plus the libraries in the system ASP (ASP number 1) and basic user ASPs (ASP numbers 2:32) form the library name space for the thread.

*JOBCTL* The initial ASP group is obtained from the job controls.

*CURRENT* The ASP group name for the current thread is used for the submitted job.
*JOBD
The initial ASP group name specified in the job description is used for the submitted job.

*NONE
Specifies the initial thread of the submitted job will be started with no ASP group. The library name space will not include libraries from any ASP group. Only the libraries in the system ASP and any basic user ASPs will be in the library name space.

name Specify the name of the ASP group to be set for the initial thread of the submitted job. The ASP group name is the name of the primary ASP device within the ASP group. All libraries from all ASPs in this ASP group will be included in the library name space.

Additional commands (ADLCMD)
Specifies additional commands that you want to process in this job. You can specify a command, a call to a program or pass parameters to a called program. Commands are checked for validity and parameters are validated against the Advanced Job Scheduler parameter file. Object existence is not checked on added or changed jobs.

You can specify 4 values for this parameter.

character-value Specify the additional command to be run.

Examples

Example 1: Adding a Job
ADDJOBJS  JOB(JOB01)  TIME(1000)
This command adds a job to the job schedule. In this example, job JOB01 is being added to the job schedule and is scheduled to run at 10:00 a.m. Note that the default schedule code for this job is *DAILY and the DAY parameter is *ALL.

Example 2: Adding a Job with a *CALENDAR schedule code
ADDJOBJS  JOB(JOB02)  SCDCDE(*CALENDAR)  CAL(CAL)  TIME(1100)  CMD(WRKACTJOB)
This command adds the job JOB02 to the job scheduler. The job is scheduled to run at 11:00 a.m. using an *CALENDAR schedule and a calendar called CAL. When the job runs it processes the WRKACTJOB command.

Error messages
Unknown
Change Job Authority using JS (CHGAUTJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Change Job Authority using Job Scheduler (CHGAUTJS) command allows you to change the job authority that you have set up for Advanced Job Scheduler jobs. You can select specific jobs, generic jobs or all jobs as well as group and application whose authority you want to change.

After you select the parameters in the change command and press Enter, the authority that you have specified for the jobs are changed.

### Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Required, Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Generic name, name, *ALL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Job</td>
<td>Generic name, name, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td>USER</td>
<td>User</td>
<td>Name, *PUBLIC</td>
<td>Required, Positional 2</td>
</tr>
<tr>
<td>APP</td>
<td>Application</td>
<td>Generic name, name, *ALL</td>
<td>Optional</td>
</tr>
<tr>
<td>REPLACE</td>
<td>Replace authority</td>
<td>*NO, *YES</td>
<td>Optional</td>
</tr>
</tbody>
</table>

**Job entry (JOB)**

Specifies the name of the job, generic job or all jobs whose authority that you want to change. You can optionally specify the group that the job belongs to and the associated sequence number within the group.

This is a required parameter.

**Element 1: Job**

*ALL  All the job entries that meet this command’s other parameter values are changed.

generic-name

Specify the generic name of the job schedule entries whose job schedule entries that you want to change. A generic job is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with jobs that begin with the generic name are changed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete job.
name Specify the user-defined name of the job entry whose authority that you want to change.

Element 2: Group

*NONE This job does not belong to a group.

*ALL All the group entries that meet this command’s other parameter values are changed.

generic-name Specify the generic name of the group entry. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with groups that begin with the generic name are changed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete group.

name Specify the user-defined name of the group entries you want to change.

Element 3: Group sequence

*NONE There is not a sequence number associated with this job.

*ALL All sequence numbers in the group are included in the authority change.

1-99 Specify the sequence number of the job in the group whose authority you are changing.

User (USER)

Specifies the name of a user to whom authority for the named job is being given.

This is a required parameter.

*PUBLIC All enrolled users (or their group) of the system who do not have specific authority to the job are changed.

name Specify the name of the user profile whose authority you want to change.

Application (APP)

Specifies the name of the application, generic application or all applications whose authority that you want to change.

*ALL All the applications that meet this command’s other parameter values are changed.

generic-name Specify the generic name of the application whose job schedule entries that you want to change. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with application names that begin with the generic name are changed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete application name.

name Specify the user-defined name of the application whose authority that you want to change.
Authority (AUT)

Specifies the authority given to the user specified for the Users (USER) parameter.

Single values

*CHANGE  Change authority allows the user to perform all operations on the job except authority maintenance.

*ALL    The user can perform all operations on the job. The user can control the job’s existence, specify the security for the job, change the job, and perform basic functions on the job.

*OPER  Operational authority provides job submission, job management and display authorities.

*USE  Use authority provides display authority.

*EXCLUDE  Exclude authority prevents the user from accessing the job.

*REMOVE  Removes the authority entry for the specified user.

Other values (up to 7 repetitions)

*SBM  Submit authority allows the user to start a job group or submit a job.

*MGT  Management authority allows the user to hold or release jobs. Additionally, management authority allows the user to work with job dependencies as well as allowing use of the Set Dependent Job using Job Scheduler (SETDEPJS) command.

*AUT  Allows the user to change the authority of a job.

*DSP  Display authority allows the user to display the information of a job.

*CPY  Copy authority allows the user to copy a job.

*UPD  Update authority allows the user to change the attributes of a job.

*RMV  Remove authority allows the user to remove a job.

Replace authority (REPLACE)

Specifies whether you should replace the current job authorities for the user specified for the User (USER) parameter.

*NO  Do not replace the current job authorities. This will combine current job authorities with the authorities specified for the Authority (AUT) parameter.

*YES  Replace the current job authorities with the authorities specified for the AUT parameter.

Examples

CHGAUTJS  JOB(JOB02)  USER(SAM)  AUT(*USE)

This command changes job JOB02 to give user SAM *USE authority, which provides screen display authority to user SAM.
Error messages

Unknown
Change Parameter Data (CHGDTAJJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Change Parameter Data (CHGDTAJJS) command allows you to change parameter data for the parameter that you specify.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARM</td>
<td>Parameter name</td>
<td>Name</td>
<td>Required, Key, Positional 1</td>
</tr>
<tr>
<td>PARMDATA</td>
<td>Parameter data</td>
<td>Character value, *SAME</td>
<td>Optional, Positional 2</td>
</tr>
</tbody>
</table>

Parameter name (PARM)

Specifies the parameter whose data you want to change. If you enter a parameter that has not been added to Advanced Job Scheduler, you will receive an error message.

This is a required parameter.

name Specify the name of the parameter to be changed.

Parameter data (PARMDATA)

Specifies the user-defined parameter data for the parameter specified for the Parameter name (PARM) parameter.

*SAME The current value for the parameter does not change.

character-value Specify the parameter data to be used for the parameter.

Examples

CHGDTAJJS PARM(FRDATE) PARMDATA('12/01/99')

This command changes parameter FRDATE to be 12/01/99. The date format in PARMDATA is mm/dd/yy for this example.
Error messages

Unknown
Change Job using Job Scheduler (CHGJOBJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Change Job using Job Scheduler (CHGJOBJS) command allows you to change an entry in the job schedule. Jobs can be a single job or a member of a group of jobs or an application. You can use this command to schedule a batch job to be submitted once, at a regular interval and so on, based on the schedule code you specify. You can schedule jobs with user-defined calendars, holiday exception calendars and fiscal year calendars.

The job schedule entry contains all of the information needed to submit the job, including the command the job runs, the job description and user profile under which the job is run, the job queue to which the job is submitted, the message queue to which messages are sent and so on.

At the date and time you specify or Advanced Job Scheduler calculates, the job is submitted to the specified job queue. This command does not guarantee that the job will begin running at the scheduled time, however. The job will not begin running if the job queue is held or attached to an inactive subsystem, or if the maximum number of active jobs allowed to run in the subsystem or on the system at one time has been reached.

Each job schedule entry is identified by a user-defined job, which is specified for the Job entry (JOB) parameter of this command.

Restrictions:
• You must have use (*USE) authority to the job description and the user profile.
• You must have *USE and add (*ADD) authorities to the message queue.
• You must have read (*READ) authority to the job queue and to all libraries associated with the specified objects.
• You must have *USE authority to the *ADDJOB function.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Required, Key, Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Name, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *NONE</td>
<td></td>
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<td>APP</td>
<td>Application</td>
<td>Name, *SAME, *NONE, *JOBCTL</td>
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<td>Scheduled time</td>
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<td>Interval</td>
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<tr>
<td>Keyword</td>
<td>Description</td>
<td>Choices</td>
<td>Notes</td>
</tr>
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<td>-------------------------------</td>
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<td>CAL</td>
<td>Calendar</td>
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<td>HDYCAL</td>
<td>Holiday calendar</td>
<td>Name, *SAME, *NONE, *JOBCTL</td>
<td>Optional</td>
</tr>
<tr>
<td>FSCCAL</td>
<td>Fiscal calendar</td>
<td>Name, *SAME, *NONE, *JOBCTL</td>
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<td>DATE</td>
<td>Dates of the year</td>
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<td></td>
<td>Other values (up to 13 repetitions): Decimal number</td>
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<td>Save</td>
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<td>Other values (up to 13 repetitions): Decimal number</td>
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<td>Schedule range</td>
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<td></td>
<td>Element 2: End time and date</td>
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<td></td>
<td>Element 1: Ending time</td>
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<td>Maximum run time</td>
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<td>PGRRCPNORM</td>
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<td>PGRRCPABN</td>
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<td>Element 2: Start limit</td>
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<td>Element 1: Job</td>
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<td></td>
<td></td>
<td>Element 2: Group</td>
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<td>Element 3: Group sequence</td>
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<td>Description</td>
<td>Choices</td>
<td>Notes</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
<td>----------------------------------------------</td>
<td>-------------</td>
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<td>Name, *SAME, *NONE</td>
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</tr>
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<td>Other values: Qualified object name</td>
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</tr>
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<td>Qualifier 1: Job description</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Qualifier 2: Library</td>
<td>Name, *LIBL, *CURLIB</td>
<td></td>
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<tr>
<td>JOBQ</td>
<td>Job queue</td>
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</tr>
<tr>
<td></td>
<td>Qualifier 1: Job queue</td>
<td>Name</td>
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<td>Qualifier 2: Library</td>
<td>Name, *LIBL, *CURLIB</td>
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</tr>
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<td>JOBPTY</td>
<td>Job priority (on JOBQ)</td>
<td>1-9, *SAME, *JOBCTL, *JOBQ</td>
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</tr>
<tr>
<td>OUTPTY</td>
<td>Output priority (on OUTQ)</td>
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<td>Optional</td>
</tr>
<tr>
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<td></td>
<td>Other values: Qualified object name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Qualifier 1: Output queue</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Qualifier 2: Library</td>
<td>Name, *LIBL, *CURLIB</td>
<td></td>
</tr>
<tr>
<td>RTGDSTA</td>
<td>Routing data</td>
<td>Character value, *SAME, *JOBCTL, *JOBQ</td>
<td>Optional</td>
</tr>
<tr>
<td>LOG</td>
<td>Message logging</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Level</td>
<td>0-4, *SAME, *JOBCTL, *JOBQ</td>
<td></td>
</tr>
<tr>
<td>LOGCLPGM</td>
<td>Log Cl. program commands</td>
<td>*SAME, *JOBCTL, *JOBQ, *YES, *NO</td>
<td>Optional</td>
</tr>
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<td>HOLD</td>
<td>Hold on job queue</td>
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</tr>
<tr>
<td>SWS</td>
<td>Job switches</td>
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</tr>
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<tr>
<td></td>
<td>Qualifier 1: Message queue</td>
<td>Name</td>
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</tr>
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<td></td>
<td>Qualifier 2: Library</td>
<td>Name, *LIBL, *CURLIB</td>
<td></td>
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<td>RUNPTY</td>
<td>Run priority</td>
<td>01-99, *SAME, *JOBCTL, *NOCHG</td>
<td>Optional</td>
</tr>
</tbody>
</table>

### Job entry (JOB)

Specifies the name of the job schedule entry that you want to change. You must specify a job name and alternately can specify a group to which the job belongs as well as a sequence number for the job within the group.
The first job of a group must be sequence number 1. Subsequent sequence numbers should leave gaps (10, 20, 30 and so on) to allow job insertions if necessary.

This is a required parameter.

**Element 1: Job**

*name* Specify the user-defined name of the job schedule entry that you want to change.

**Element 2: Group**

*NONE* The job is not assigned to a group.

*name* Specify the user-defined name of the group to which the job belongs.

**Element 3: Group sequence**

*NONE* There is not a sequence number assigned to the job.

1-99 Specify the sequence number of the job within the group.

---

**Application (APP)**

Specifies the name of the application to which the job specified for the Job (JOB) parameter belongs.

*SAME* The current value for the parameter does not change.

*JOBCTL* The application specified in the job controls is used as the application for this job.

*NONE* There is no application specified for this job.

*name* Specify the name of the application to which the job that you are changing belongs.

---

**Schedule code (SCDCDE)**

Specifies the schedule code that you want to assign to the job.

**Note:** The days that a job runs as a result of selecting a schedule code can be modified by selecting a calendar in one of the calendar fields. You can review calendars by going to the Job Controls (JSJOBCTL) menu and selecting the calendar type you want to review.

*SAME* The current value for the parameter does not change.

*DAILY* The job is scheduled to run on a daily basis or on selected days every week. For example, it may be scheduled to run on Wednesday only, or every day of the week.

*CALENDAR* You are using a calendar to schedule the job. Calendars are specified in the Work with Calendars display.
*DATE
The job is scheduled to run on specific dates throughout the year. They are kept in the system in month day (MMDD) or day month (DDMM) format depending on the system value and will be submitted on the specified dates. Up to 13 dates can be scheduled.

*DAY
The job is to be run on particular calendar days of the month, every month. These are entered in day (dd) format.

*NUMDAY
The job runs every specified number of days. The number of days specified can range from 1 to 99.

Note: If the scheduled time to run is greater than the current time, Advanced Job Scheduler will count that time as a whole day (if you enter an Advanced Job Scheduler job on Monday at 3:00 p.m. to run every 2 days at 5:00 p.m., the job will run the first time on Tuesday at 5:00 p.m.).

*MILLISECONDS
The job runs every specified number of minutes. The number of minutes is based on the number of minutes specified for the Interval (ITVMIN) parameter.

*ONCE
The job is to be run once. The Save (SAVE) parameter indicates whether the job is to be saved (*YES) or deleted (*NO) after it is run. If it is a job group, the SAVE parameter will not be shown and will assume saved (*YES). The date that the job is scheduled to be run is specified for the Single date (SNGDATE) parameter. Leaving the date blank will run the job when the scheduled time is reached.

*MONTEND
The job runs on the last day of the month.

*FIRST
The job is to run on the first designated day of every month or specified fiscal period. This option is used in conjunction with the Single day (SNGDAY) parameter. For instance, if *TUE is specified for the SNGDAY parameter, the job will be scheduled to run on the first Tuesday of each month.

*SECOND
The job is to run on the second designated day of every month or specified fiscal period. This option is used in conjunction with the SNGDAY parameter. For instance, if *TUE is specified for the SNGDAY parameter, the job will be scheduled to run on the second Tuesday of each month.

*THIRD
The job is to run on the third designated day of every month or specified fiscal period. This option is used in conjunction with the SNGDAY parameter. For instance, if *TUE is specified for the SNGDAY parameter, the job will be scheduled to run on the third Tuesday of each month.

*FOURTH
The job is to run on the fourth designated day of every month or specified fiscal period. This option is used in conjunction with the SNGDAY parameter. For instance, if *TUE is specified for the SNGDAY parameter, the job will be scheduled to run on the fourth Tuesday of each month.

*FIFTH
The job is to run on the fifth designated day of every month or specified fiscal period. This option is used in conjunction with the SNGDAY parameter. For instance, if *TUE is specified for the SNGDAY parameter, the job will be scheduled to run on the fifth Tuesday of each month.

Note: If there is not a fifth occurrence in a month, the job will not run and will be scheduled for the next time there is a fifth occurrence of a selected day in a month.

*LAST
The job is to run on the last designated day of every month or specified fiscal period. This option
is used in conjunction with the SNGDAY parameter. For instance, if *TUE is specified for the SNGDAY parameter, the job will be scheduled to run on the last Tuesday of each month.

*FIRSTWRK
The job is to run on the first working day of every month or specified fiscal period. This option is used in conjunction with the Working days field in the system controls.

*LASTWRK
The job is to run on the last working day of every month or specified fiscal periods. This option is used in conjunction with the Working days field in the system controls.

*ALTERNATE
The job is to run when a regular job terminates abnormally and has this job defined as its alternate job.

*NONE
The job is not a scheduled job. It can be a member of a group job waiting for submission, a job waiting for a predecessor job to run, or a job waiting for manual submission by a user.

Note: The schedule code *NONE replaces the schedule code *DEPJOB which was used in releases prior to V4R2.

*JOBCTL
The job is scheduled to run based on the schedule code specified in the job controls.

### Scheduled time (TIME)

Specifies the time or times that you want the job to process on specified days. Times are entered in hour, minute (HHMM) format and can range from 0001 to 2400 (midnight).

You can enter multiple values for this parameter.

*SAME
The current value for the parameter does not change.

0-2400 Specify the time that you want Advanced Job Scheduler to submit the job.

### Interval (ITVMIN)

Specifies the number of minutes that you want to use as an interval with the *MINUTES schedule code.

*SAME
The current value for the parameter does not change.

1-720 Specify the number of minutes between submissions of the job.

### Calendar (CAL)

Specifies the name of the calendar that you want to use to schedule the job. A calendar is a user-defined set of days or dates that can be used with all schedule codes except *NONE, *ALTERNATE and *NUMDAY. Calendars allow you to add multiple dates to a schedule in addition to the normally scheduled dates.
**SAME**

The current value for the parameter does not change.

**JOBCTL**

The calendar that is used for this job is the calendar specified in the job controls.

**NONE**

This job does not use a calendar.

*name*  Specify the name of the calendar that you want to use for this job.

---

**Holiday calendar (HDYCAL)**

Specifies the name of the holiday calendar that you want to use to schedule the job. A holiday calendar is a user-defined set of exception days or dates used with all schedule codes except *NONE, *ALTERNATE, and *NUMDAY.

**SAME**

The current value for the parameter does not change.

**JOBCTL**

The value specified for holiday calendar in the job controls is used for this job.

**NONE**

This job does not use a holiday calendar.

*name*  Specify the name of the holiday calendar that you want to use for this job.

---

**Fiscal calendar (FSCCAL)**

Specifies the name of the fiscal year calendar that you want to use with the job specified for the *Job (JOB)* parameter. Fiscal year calendars are made up of 12 or 13 periods with starting and ending dates for each period. Fiscal calendars can be used with all schedule codes except *NONE, *ALTERNATE, and *NUMDAY.

**SAME**

The current value for the parameter does not change.

**JOBCTL**

The value specified for fiscal calendar in the job controls is used for this job.

**NONE**

There is not a fiscal calendar for this job.

*name*  Specify the name of the user-defined fiscal year calendar that you want to use for this job.

---

**Days (DAY)**

Specifies the days of the week that you want this job to process. Days are used with the *DAILY and *MINUTES schedule codes or job groups with a sequence greater than 1.

You can enter multiple values for this parameter.
The current value for the parameter does not change.

The job runs on all days.

The job is scheduled to run on Monday.

The job is scheduled to run on Tuesday.

The job is scheduled to run on Wednesday.

The job is scheduled to run on Thursday.

The job is scheduled to run on Friday.

The job is scheduled to run on Saturday.

The job is scheduled to run on Sunday.

Single day (SNGDAY)

Specifies the day of the week that you want this job to process. Day of the week is used with the *FIRST, *SECOND, *THIRD, *FOURTH, *FIFTH and *LAST schedule codes.

The current value for the parameter does not change.

The job is scheduled to run on Sunday.

The job is scheduled to run on Monday.

The job is scheduled to run on Tuesday.

The job is scheduled to run on Wednesday.

The job is scheduled to run on Thursday.

The job is scheduled to run on Friday.

The job is scheduled to run on Saturday.

Interval (ITVDAY)

Specifies the number of days that you want to use as an interval with the *NUMDAY schedule code. This field is required with the *NUMDAY schedule code.

The current value for the parameter does not change.

Specify the number of days between submissions of the job.
**Dates of the year (DATE)**

Specifies the dates that a job is scheduled to be processed. Dates are entered in month, day (MMDD) format or (DDMM) format depending on the system format. The DATE parameter is required when the Schedule code (SCDCDE) parameter contains *DATE.

You can enter multiple values for this parameter.

*SAME
   - The current value for the parameter does not change.

date
   - Specify a date that a job is to be submitted.

**Single date (SNGDATE)**

Specifies the date that a job is scheduled to be processed. Dates are entered in month, day (MMDD) format or (DDMM) format depending on the system format. The SNGDATE parameter is used when the Schedule code (SCDCDE) parameter contains *ONCE.

*SAME
   - The current value for the parameter does not change.

*NEXT
   - The job is to be processed when the scheduled time is reached.

date
   - Specify the single date that the job is to be submitted.

**Save (SAVE)**

Specifies whether this job is to be saved after it has run. The SAVE parameter is used with the *ONCE schedule code.

*SAME
   - The current value for the parameter does not change.

*YES
   - The job is to be saved in Advanced Job Scheduler after it has run.

*NO
   - The job is to be deleted by Advanced Job Scheduler after it has run.

**Day of the month (DAYMONTH)**

Specifies the days of the month that you want this job to process. Days of the month are used with the *DAY schedule code. Days of the month can range from 1 to 31.

You can enter multiple values for this parameter.

*SAME
   - The current value for the parameter does not change.

1-31
   - Specify the days of the month that you want to process this job.
Working days (WRKDAY)

Specifies whether the days specified for the Day of the month (DAYMONTH) parameter or Interval (ITVDAY) parameter are working days. Working days are used with the *DAY and *NUMDAY schedule codes respectively. For instance, when using the *DAY schedule code, if you specified DAYMONTH(05 10) and WRKDAY(*YES), the job would run on the fifth and tenth working day of each month. If you had specified *NO, the job would run each fifth and tenth calendar day of the month. Working days are specified in the system controls.

If you were using the *NUMDAY schedule code, the interval that you select would be based on working days or calendar days, depending on your selection in the WRKDAY parameter.

*SAME
   The current value for the parameter does not change.

*NO   Do not use working days in conjunction with the DAYMONTH parameter.

*YES  Use working days in conjunction with the DAYMONTH parameter.

Fiscal period (FSCPERIOD)

Specifies the fiscal periods within a fiscal year for the job. Periods are used when a fiscal calendar name is specified for the Fiscal calendar (FSCCAL) parameter.

Single values

*SAME
   The current value for the parameter does not change.

*ALL   All periods are to be included for the job.

Other values (up to 13 repetitions)

1-13   Specify the fiscal periods that you want to include for the job.

Text (TEXT)

Specifies the text related to the job.

*SAME
   The current value for the parameter does not change.

*NONE
   The job does not have any text description associated with it.

character-value
   Specify the text description associated with the job.

Remote location name (RMTLOCNAME)

Specifies the remote location and network identification of the system on which to run the job.
Note: A value specified for the RMTLOCNAME parameter will be ignored when used with schedule code *ALTERNATE.

**SAME**
The current value for the parameter does not change.

**JOBCTL**
Use the remote location name specified in the job controls.

**LCL**
Run the job on the local server.

remote-location-name
Specify the name of the remote location associated with the system on which to run the job.

network-ID.remote-location-name
Specify the network identifier and the name of the remote location associated with the system. Specify these values using the format nnnnnnnn.cccccc where nnnnnnnn is the network identifier and cccccccc is the remote location name.

---

**Schedule range (RANGE)**

Specifies the starting and ending time and date range for the job.

**Note:** If you are using the *MINUTES schedule code, the **Beginning time** value is used in conjunction with the **Ending time**. The *MINUTES schedule code is the only schedule code that uses these two values to indicate when a job starts and stops. The **Beginning date** and **Ending date** can be used with most schedule codes.

**Note:** A value specified for the RANGE parameter will be ignored when used with schedule codes *ALTERNATE or *NONE.

**Element 1: Start time and date**

**Element 1: Beginning time**

*SAME
The current value for the parameter does not change.

*NONE
No beginning time is specified for the job.

0-2400 Specify the beginning time for the job in hour, minute (HHMM) format.

**Element 2: Beginning date**

*SAME
The current value for the parameter does not change.

*NONE
There is not a beginning date specified for this job.

character-value
Specify the beginning date for this job in job format.
Element 2: End time and date

Element 1: Ending time
*SAME
The current value for the parameter does not change.
*NONE
There is not an ending time specified for this job.
0-2400 Specify the ending time for this job in hour, minute (HHMM) format.

Element 2: Ending date
*SAME
The current value for the parameter does not change.
*NONE
There is not an ending date specified for this job.
character-value Specify the ending date for this job in job format.

Maximum run time (MAXRUN)
Specifies the maximum run duration in minutes for the job.

Note: A value specified for the MAXRUN prompt will be ignored when used with schedule code *ALTERNATE.
*SAME The current value for the parameter does not change.
*NOMAX
There is no maximum duration for the job.
1-9999 Specify the number of minutes that is the maximum duration for this job. After this number of minutes has passed, Advanced Job Scheduler will end the job whether it has completed or not.

Notification normal (PGRRCPNORM)
Specifies the notification recipient who is to receive normal completion messages for the job that you are adding or changing. This field is used in conjunction with the notification command.

Note: SMTP information must be specified before this feature may be used with the Send Distribution using JS (SNDDSTJS) command.

Note: The values that you specify for Notification recipient normal and Notification message are the substitution variables used for the &RCP and &MSGTXT variables respectively in the CHGNFYJS command.
You can specify the notification message that you want to send to the specified recipient when the job completes normally.

**Single values**

*NONE

No notification recipient is assigned to receive messages when this job completes normally.

**Element 1: Notification recipient**

*SAME

The current value for the parameter does not change.

*JOBCTL

You are using the notification recipient specified in the job controls.

*ONCALL

Only recipients that are on-call will receive the message.

name

Specify the name of a recipient who is to receive messages from the job when it completes normally.

**Element 2: Notification message**

*SAME

The current value for the parameter does not change.

*JOBCTL

The notification recipient is sent the notification message from the job controls.

*COMP

The completion status of the job is sent.

**character-value**

Specify the notification message that you want to send to the notification recipient when this job completes normally.

---

**Notification abnormal (PGRRCPABN)**

Specifies the notification recipient who is to receive abnormal completion messages for the job that you are adding or changing. This field is used in conjunction with the notification command.

**Note:** SMTP information must be specified before this feature may be used with the Send Distribution using JS (SNDDSTJS) command.

**Note:** The values that you specify for Notification recipient abnormal and Notification message are the substitution variables used for the &RCP and &MSGTXT variables respectively in the CHGNFYJS command.

You can specify the notification message that you want to send to the specified recipient when the job completes abnormally.

**Single values**

*NONE

No notification recipient is assigned to receive messages when this job completes abnormally.

**Element 1: Notification recipient**
*SAME
The current value for the parameter does not change.

*JOBCTL
You are using the notification recipient specified in the job controls.

*ONCALL
Only recipients that are on-call will receive the message.

name
Specify the name of a recipient who is to receive messages from the job when it completes abnormally.

Element 2: Notification message

*SAME
The current value for the parameter does not change.

*JOBCTL
The notification recipient is sent the notification message from the job controls.

*COMP
The completion status of the job is sent.

character-value
Specify the notification message that you want to send to the notification recipient when this job completes abnormally.

---

**Notification start job (PGRRCPSSTR)**

Specifies the notification recipient who is to receive notification for the job that you are adding or changing if the job does not start within the limit after it has been submitted. This field is used in conjunction with the notification command.

**Note:** SMTP information must be specified before this feature may be used with the Send Distribution using JS (SNDDSTJS) command.

**Note:** The values that you specify for Notification recipient start job is the substitution variable used for the &RCP variable in the CHGNFYJS command. The &MSGTXT will be replaced with message IJS6059.

You can specify the start limit in minutes. This is the amount of time a job can be sitting on the job queue before a notification is issued.

**Single values**

*NONE
No notification recipient is assigned to receive messages when this job exceeds the start limit.

**Element 1: Notification recipient**

*SAME
The current value for the parameter does not change.

*JOBCTL
You are using the notification recipient specified in the job controls.

*ONCALL
Only recipients that are on-call will receive the message.
**name** Specify the name of a recipient who is to receive messages if the job does not start within the limit after the job has been submitted.

**Element 2: Start limit**

*SAME
The current value for the parameter does not change.

*JOBCTL
The start limit in the job controls is used.

1-999 Specify the number of minutes that a job can be sitting on the job queue before a notification is issued.

---

**Alternate job (ALTJOB)**

Specifies the name of the alternate job for the job. Alternate jobs only run when a regular job terminates abnormally. Jobs are not required to have alternate jobs. If you want to select a job from a job list when prompting this command, place the cursor on this parameter and press F4.

You can also specify a group and group sequence if the alternate job is a member of a group.

**Single values**

*SAME
The current value for the parameter does not change.

*NONE
The job does not have an alternate job.

**Element 1: Job**

**name** Specify the name of the job that you want to be the alternate job for this job.

**Element 2: Group**

*NONE
The alternate job does not have an alternate group.

**name** Specify the name of the group associated with the alternate job for this job.

**Element 3: Group sequence**

*NONE
The alternate job does not have a sequence number assigned.

1-99 Specify the sequence number assigned to the alternate job.

---

**Report distribution ID (RPTDSTID)**

Specifies the report distribution ID that is used to distribute the reports generated as a result of processing the job.

*SAME
The current value for the parameter does not change.
*NONE
   The job does not have a report distribution ID.

name Specify the report distribution ID that you want to associate with this job.

---

**Recovery action (RCYACN)**

Specifies the recovery action to be taken if the job cannot be submitted at the designated time because the system is powered down or in restricted state. The action specified on the parameter occurs at the next IPL or when the Advanced Job Scheduler system becomes active.

Jobs submitted during IPL or when the system comes out of restricted state are submitted in the same order that they would have been had the jobs been submitted at the times specified in the job schedule entries. If multiple occurrences of a recurring job are missed, the job is submitted only once. The first missed occurrence of the job is calculated from the current date.

Since the scheduler portion of IPL need not be complete for the IPL of the system to be complete, other jobs may start on the system before all of the jobs have been submitted.

This parameter does not apply:
- When a job is released after being held at the date and time it was to be submitted.

**Note:** A value specified for the RCYACN parameter will be ignored when used with schedule code *ALTERNATE* or *NONE.*

*SAME The current value for the parameter does not change.

*JOBCTL
   The job uses the recovery action specified in the job controls.

*SBMRLS
   The job is submitted in release state (RLS).

*SBMHLD
   The job is submitted in the held state (HLD).

*NOSBM
   The job is not submitted.
   Specifying *NOSBM affects only missed occurrences of the job. If the job schedule entry is a recurring job, future occurrences are not affected.

---

**Job description (JOBD)**

Specifies the name of the job description used with this job.

**Single values**

*SAME The current value for the parameter does not change.

*JOBCTL
   The job description specified in the job controls is used for this job.
*USRPRF
The job description in the user profile under which the submitted job runs is used as the job description of the submitted job.

Qualifier 1: Job description
name Specify the name of the job description used for the job.

Qualifier 2: Library
*LIBL The library list is used to locate the job description.
*CURLIB The current library for the job is used to locate the job description. If no library is specified as the current library for the job, QGPL is used.
name Specify the name of the library where the job description is located.

Job queue (JOBQ)
Specifies the name of the job queue in which this job is placed.

Single values
*SAME The current value for the parameter does not change.
*JOBCTL The job queue specified in the job controls is used for this job.
*JOBD The submitted job is placed on the job queue named in the specified job description.

Qualifier 1: Job queue
name Specify the name of the job queue on which the submitted job is placed.

Qualifier 2: Library
*LIBL The library list is used to locate the job queue.
*CURLIB The current library for the job is used to locate the job queue. If no library is specified as the current library for the job, QGPL is used.
name Specify the name of the library where the job queue is located.

Job priority (on JOBQ) (JOBPTY)
Specifies the job queue scheduling priority. Valid values range from 1 through 9, where 1 is the highest priority and 9 is the lowest priority.
*SAME The current value for the parameter does not change.
*JOBCTL The scheduling default specified in the job controls is used for the job.
*JOBD
  The scheduling priority specified in the job description is used for the job.
1-9 Specify a value for the scheduling priority for the job.

Output priority (on OUTQ) (OUTPTY)
Specifies the output queue priority for spooled output files that are produced by this job. Valid values range from 1 through 9, where 1 is the highest priority and 9 is the lowest priority.

*SAME
  The current value for the parameter does not change.

*JOBCTL
  The output priority default specified in the job controls is used for the job.

*JOBD
  The output priority specified in the job description is used for the job.
1-9 Specify a value for the output priority for the job.

Print device (PRTDEV)
Specifies the qualified name of the default printer device for this job.

*SAME
  The current value for the parameter does not change.

*JOBCTL
  The printer specified in the job controls is used by the job as the printer device.

*CURRENT
  The same printer device being used by the job that is currently running is used for this job.

*USRPRF
  The printer device specified in the user profile where the submitted job runs is used as the printer device for this job. The printer device name is obtained from the profile when this job is submitted.

*SYSVAL
  The printer device specified in the system value, QPRTDEV, when this job is submitted is used.

*JOBD
  The printer device specified in the job description is used for the submitted job.
name Specify the name of the printer device used for the submitted job.

Output queue (OUTQ)
Specifies the qualified name of the output queue that is used for spooled output produced by the job. This parameter only applies to spooled printer files that specify *JOB for the output queue.

Single values
**SAME**  
The current value for the parameter does not change.

**JOBCTL**  
The output queue specified in the job controls is used as the job’s output queue.

**USRPRF**  
The output queue in the user profile where the submitted job runs is used as the output queue for this job.

**DEV**  
The output queue associated with the printer device for the spooled file is used.

**JOBD**  
The output queue named in the job description used with the submitted job is the job’s default output queue.

Qualifier 1: Output queue

*name* Specify the name of the output queue to be used as the default output queue by the submitted job.

Qualifier 2: Library

**LIBL**  
The library list is used to locate the output queue.

**CURLIB**  
The current library for the job is used to locate the output queue. If no library is specified as the current library for the job, QGPL is used.

*name* Specify the name of the library where the output queue is located.

---

**User (USER)**

Specifies the name of the user profile for the job being submitted. If *RQD is specified in the job description, *JOBD cannot be specified; a user name must be specified instead.

**Note:** The following IBM-supplied objects are not valid on this parameter:

- QDBSHR
- QDFTOWN
- QDOC
- QLPAUTO
- QLPINSTALL
- QRJE
- QSECOFR
- QSPL
- QSYS
- QTSTRQS

**SAME**  
The current value for the parameter does not change.

**JOBCTL**  
The user profile specified in the job controls is used for the job being submitted.

**CURRENT**  
The same user profile used by the job that is currently running is used for the submitted job.
*JOBD
The user profile named in the specified job description is used for the job being submitted.

name Specify the name of the user profile that is used for the job being submitted. You must be authorized to the user profile; the user profile must be authorized to the job description.

Print text (PRTTXT)
Specifies up to 30 characters of text that is printed at the bottom of each page of printed output and on separator pages.

*SAME The current value for the parameter does not change.

*JOBCTL The value in the job controls is used for this job.

*JOBD The value in the job description is used for this job.

*SYSVAL The system value, QPRTTXT, is used for this job.

*BLANK No text is printed.

character-value Specify the character string that is printed at the bottom of each page. A maximum of 30 characters can be entered, enclosed in apostrophes. The text on the listing will be centered in the same way it is entered.

Routing data (RTGDTA)
Specifies the routing data used to start the first routing step in the job. The routing data is used to determine the routing entry that identifies the program that the job runs.

*SAME The current value for the parameter does not change.

*JOBCTL The value in the job controls for routing data is used for this job.

*JOBD The routing data specified in the job description is used to start the routing steps.

character-value Specify the character string that is used as routing data for the job. A maximum of 80 characters can be entered, enclosed in apostrophes if necessary.

Current library (CURLIB)
Specifies the name of the current library associated with the job being run.
The current value for the parameter does not change.

The current library specified in the job controls is used for the job being submitted.

The current library in the user profile where the submitted job runs is used as the current library for the submitted job.

There is no current library for the submitted job. If objects are created in the current library, QGPL is used as the default current library.

Specify the name of a library used as the current library of the submitted job.

Library list (LIBL)

Specifies the name of the library list that is used to search for any operating system object names that were specified without a library qualifier. If you want to select a library list from a list when prompting this command, place the cursor on this parameter and press F4.

The current value for the parameter does not change.

The library list specified in the job controls is used for the job being submitted.

The library list in the job description used with this job is used as the initial user part of the library list for the job.

The system default user library list is used by this job. It contains the library names that were specified in the system value, QUSRLIBL, at the time that the job is started.

The user portion of the initial library list for this job will be empty.

Specify the name of the library list that you want to use for this job.

Message logging (LOG)

Specifies the message logging values used to determine the amount and type of information sent to the job log by this job. This parameter has three elements: the message (or logging) level, the message severity, and the level of message text. If no values are specified on this parameter, the values specified in the job description associated with this job are used.

Element 1: Level

The current value for the parameter does not change.

The value specified in the job controls for logging is used for this job.
*JOBD

The value specified for message logging in the job description is used for this job.

0-4

Specify a value for the message logging level to be used for this job’s messages. The possible logging levels are:

<table>
<thead>
<tr>
<th>Level</th>
<th>Information Logged</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No data is logged.</td>
</tr>
<tr>
<td>1</td>
<td>The following information is logged: All messages sent to the job’s external message queue with a severity level greater than or equal to the message severity specified (this includes the indications of job start, job end and job completion status).</td>
</tr>
<tr>
<td>2</td>
<td>The following information is logged:</td>
</tr>
<tr>
<td></td>
<td>• Logging level 1 information.</td>
</tr>
<tr>
<td></td>
<td>• Requests or commands being logged from a CL program for which messages are issued with a severity code greater than or equal to the severity level specified.</td>
</tr>
<tr>
<td></td>
<td>• All messages associated with a request, or commands being logged from a CL program, that results in a high-level message with a severity level greater than or equal to the severity specified.</td>
</tr>
<tr>
<td>3</td>
<td>The following information is logged:</td>
</tr>
<tr>
<td></td>
<td>• Logging level 1 information.</td>
</tr>
<tr>
<td></td>
<td>• All requests or commands being logged from a CL program.</td>
</tr>
<tr>
<td></td>
<td>• All messages associated with a request, or commands being logged from a CL program, that results in a high-level message with a severity level greater than or equal to the severity specified.</td>
</tr>
<tr>
<td>4</td>
<td>The following information is logged; All requests or commands being logged from a CL program and all messages with a severity code greater than or equal to the severity specified, including trace messages.</td>
</tr>
</tbody>
</table>

Note: A high-level message is one that is sent to the program message queue of the program that received the request or commands being logged from a CL program.

Element 2: Severity

*SAME

The current value for the parameter does not change.

*JOBCTL

The value specified in the job controls for message severity is used for this job.

*JOBD

The value specified for message logging in the job description is used for this job.

0-99

Specify the lowest severity level that causes an error message to be logged in the job’s log.

Element 3: Text

*SAME

The current value for the parameter does not change.

*JOBCTL

The value specified in the job controls for message text is used for this job.

*JOBD

The value specified for message logging in the job description is used for this job.

*MSG

Only message text is written to the job’s log or shown to the user.
*SECLVL
Both the message text and message help of the error message is written to the job’s log or shown to the user.

*NOLIST
No job log is produced if the job completes normally. If the job ends abnormally (if the end of job code is 20 or higher), a job log is produced. The messages appearing in the job’s log contain both message text and help text.

Log CL program commands (LOGCLPGM)
Specifies whether the commands that are run in a control language program are logged to the job log by way of the CL program’s message queue. This parameter sets the status of the job’s logging flag. If *JOB has been specified for the LOG parameter on the Create CL Program (CRTCLPGM) command, the value specified for this parameter is used. Other values for the LOG parameter override the value specified for this parameter. The commands are logged in the same manner as the requests.

**SAME**
The current value for the parameter does not change.

**JOBCTL**
The value in the job controls is used for this job.

**JOBD**
The value specified in the job description is used.

**YES**
The commands in a CL program are logged to the job log.

**NO**
The commands in a CL program are not logged to the job log.

Inquiry message reply (INQMSGRPY)
Specifies the way that predefined messages that are sent as a result of running this job are answered. You can specify that no change is made in the way that predefined messages are answered, or that all inquiry messages require a reply, or that a default reply is issued, or that the system reply list is checked for a matching reply as each predefined inquiry message is sent.

**SAME**
The current value for the parameter does not change.

**JOBCTL**
The value in the job controls for inquiry message reply is used for this job.

**JOBD**
The inquiry message reply control specified in the job description used with this job is used.

**RQD**
A reply is required by the receiver of the inquiry message for all inquiry messages that occur when this command is run.

**DFT**
The default message reply is used to answer any inquiry messages that occur when this command is run.

**SYSPRL**
The system reply list is checked to see if there is an entry for any inquiry message that is issued as a result of running this job that has a message identifier and any comparison data that match the inquiry message identifier and message data. If a match occurs, the reply value in that entry is used. If no entry exists for that message, a reply is required.
Hold on job queue (HOLD)

Specifies whether this job is held at the time that it is put on the job queue. A job placed on the job queue in the hold state is held until it is released by the Release Job (RLSJOB) command or ended, either by the End Job (ENDJOB) command or by the Clear Job Queue (CLRJOBQ) command.

*SAME
   The current value for the parameter does not change.

*JOBCTL
   The value in the job controls for hold on job queue is used for this job.

*JOB
   The value specified in the job description determines whether the job is held when it is put on the job queue.

*YES
   The job is held when it is put on the job queue until it is released by a Release Job (RLSJOB) command or ended by an End Job (ENDJOB) command.

*NO
   The job is not held when it is put on the job queue.

Job switches (SWS)

Specifies the first settings for a group of eight job switches used with this job. These switches can be set or tested in a CL program and used to control the flow of the program. Only 0’s (off) and 1’s (on) can be specified in the 8-digit character string.

*SAME
   The current value for the parameter does not change.

*JOBCTL
   The value in the job controls for job switches is used for this job.

*JOB
   The value specified in the job description is the first setting for the job’s switches.

character-value
   Specify any combination of eight zeros and ones that is used as the first switch setting for the submitted job.

Message queue (MSGQ)

Specifies the name of the message queue to which a completion message is sent when the submitted job has completed running, either normally or abnormally. If an abnormal ending occurs, the help information for the completion message specifies the possible causes.

Single values

*SAME
   The current value for the parameter does not change.

*JOBCTL
   The value in the job controls for message queue is used for this job.
*USRPRF
A completion message is sent to the message queue specified in the user profile of the submitter.

*NONE
No completion message is sent.

Qualifier 1: Message queue

name Specify the name of the message queue to which the completion message is to be sent.

Qualifier 2: Library

*LIBL The library list is used to locate the message queue.

*CURLIB The current library for the job is used to locate the message queue. If no library is specified as the current library for the job, QGPL is used.

name Specify the name of the library where the message queue is located.

Accounting code (ACGCDE)

Specifies the accounting code that is used when logging system resource usage for jobs that use this description.

*SAME The current value for the parameter does not change.

*JOBCTL The accounting code for jobs using this description is obtained from the job controls.

*JOBD The accounting code for jobs using this description is obtained from the job description.

*USRPRF The accounting code for jobs using this description is obtained from the user profile associated with the job.

*BLANK An accounting code of 15 blanks is assigned to jobs that use this description.

calendar-value Specify the accounting code that you want to use for jobs using this description.

Run priority (RUNPTY)

Specifies the run priority for the job. Priority of running is a value ranging from 1 (highest priority) through 99 (lowest priority), that represents the importance of the job when it competes with other jobs for machine resources. This value represents the relative (not absolute) importance of the job. If the job is rerouted, this value is reset according to the job’s importance within the job class.

*SAME The current value for the parameter does not change.

*JOBCTL The run priority is obtained from the job controls.
The run priority is not changed when job processing starts.

Specify the priority to be used.

Initial ASP group (INLASPGRP)

Specifies the initial setting for the auxiliary storage pool (ASP) group name for the initial thread of the submitted job. A thread can use the Set ASP Group (SETASPGRP) command to change its library name space. When an ASP group is associated with a thread, all libraries in the independent ASPs in the ASP group are accessible and objects in those libraries can be referenced using regular library-qualified object name syntax. The libraries in the independent ASPs in the specified ASP group plus the libraries in the system ASP (ASP number 1) and basic user ASPs (ASP numbers 2-32) form the library name space for the thread.

The current value for the parameter does not change.

The initial ASP group is obtained from the job controls.

The ASP group name for the current thread is used for the submitted job.

The initial ASP group name specified in the job description is used for the submitted job.

Specifies the initial thread of the submitted job will be started with no ASP group. The library name space will not include libraries from any ASP group. Only the libraries in the system ASP and any basic user ASPs will be in the library name space.

Specify the name of the ASP group to be set for the initial thread of the submitted job. The ASP group name is the name of the primary ASP device within the ASP group. All libraries from all ASPs in this ASP group will be included in the library name space.

Example 1: Changing a Job

CHGJOBJS JOB(JOB02) APP(ACCTG) SCDCDE(*DAILY)
FSCPERIOD(*ALL) TEXT('Change to JOB02')

This command changes job JOB02. The job’s application is changed to the accounting application, and the job is changed to run according to schedule code *DAILY for all fiscal periods.

Error messages

Unknown
Change Notification Command (CHGNFYJS)

Where allowed to run: All environments (*ALL)
Threadsafes: No

The Change Notification Command using Job Scheduler (CHGNFYJS) command allows you to specify the command to use from your notification software to send a message to a recipient you specify. The command you specify here is used by the ADDJOBJS, CHGJOBJS, and SBMJOBJS commands to send notifications for normal and abnormal job completion respectively as well as if a job does not start within a specified amount of time. The notification recipient and notification message values you specified for the Notification normal (PGRRCPNORM), Notification abnormal (PGRRCPABN) and Notification start job (PGRRCPSTRU) and parameters become the substitution values that are used in the CHGNFYJS command.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMD</td>
<td>Notification command</td>
<td>Character value, *SAME, *SNDDSTJS, *NONE</td>
<td>Optional, Positional 1</td>
</tr>
</tbody>
</table>

Notification command (CMD)

Specifies the command used in the specified notification software to send a message. The command you specify here is used to send messages for normal and abnormal completions of jobs as well as if a job does not start within a specified amount of time.

*SAME

The current value for the parameter does not change.

*SNDDSTJS

You are to use the Send Distribution using JS (SNDDSTJS) to send notification messages using e-mail to the specified recipients. The substitution variables are used but are not specified.

Note: SMTP information must be specified before the Send Distribution using JS (SNDDSTJS) command can be used.

*NONE

You are not using a notification software package with Advanced Job Scheduler.

character-value

Specify the command to use when you want Advanced Job Scheduler to send a message for normal and abnormal job completion as well as if a job does not start within a specified amount of time. The two substitution variables are &RCP (recipient) and &MSGTXT (message).
Examples

CHGNFYJS  CMD('SNDMNAMSG TOUSER(&RCP)
             MSG(''&MSGTXT'')')

This command changes notification attributes for Advanced Job Scheduler. In this example, the Send MNA Message (SNDMNAMSG) command is used to send messages to recipients as a result of normal or abnormal job completions. The values for variables &RCP (recipient) and &MSGTXT (message) are specified in the PGRRCPNORM and PGRRCPABN parameters and are the replacement values used in the CHGNFYJS command. You should enter paired quotes around the &MSGTXT variable.

Error messages

Unknown
Change Pager Command using JS (CHGPGRJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Change Pager Command using Job Scheduler (CHGPGRJS) command allows you to specify the command to use from your paging software to send a pager message to a recipient you specify. The command you specify here is used by the ADDJOBJS, CHGJOBJS, and SBMJOBJS commands to send pages for normal and abnormal job completion respectively. The pager recipient and pager mesagger values you specified for the the Notification normal (PGRRCPNORM) and Notification abnormal (PGRRCPABN) parameters become the substitution values that are used in the CHGPGRJS command.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMD</td>
<td>Notification command</td>
<td>Character value, *SAME, *SNDDSTJS, *NONE</td>
<td>Optional, Positional 1</td>
</tr>
</tbody>
</table>

Notification command (CMD)

Specifications the command used in the specified paging software to send a message. The command you specify here is used to send pages for normal and abnormal completions of job schedule entries.

*SAME
The current value for the parameter does not change.

*NONE
You are not using a paging software package with Advanced Job Scheduler.

*SNDDSTJS
You are to use the Send Distribution using JS (SNDDSTJS) to send notification messages using e-mail to the specified recipients. The substitution variables are used but are not specified.

character-value
Specify the command to use when you want Advanced Job Scheduler to send a pager message for normal and abnormal job completion. The two substitution variables are &RCP (recipient) and &MSGTXT (message).

Examples

None
Error messages

Unknown
Copy Job using Job Scheduler (CPYJOBJS)

Where allowed to run: All environments (*ALL)

Threadsafe: No

The Copy Job using Job Scheduler (CPYJOBJS) command allows you to copy a job or jobs and all its parameters to create a new job or jobs. You can copy the job on the same system or you can copy the job to a remote location name that you specify or you can copy the job to a different data library on the same system. After creating a new job, you can modify and change any or all of the associated parameters.

You can copy all jobs in a group to a new group that you specify. When copying a group, you must specify *ALL in the Job and Group sequence fields for the From job, and *SAME in the Job and Group sequence fields for the To job.

You can specify whether to copy dependencies, where you want to copy the job and what actions you should take when copying the job. You can print a report to analyze the effect of copying a job or jobs prior to processing the actual job copy.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROMJOB</td>
<td>From job entry</td>
<td>Element list</td>
<td>Required, Positional 1</td>
</tr>
<tr>
<td>Element 1: Job</td>
<td>Generic name, name, *ALL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element 2: Group</td>
<td>Generic name, name, *NONE, *ALL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element 3: Group sequence</td>
<td>1-99, *NONE, *ALL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOJOB</td>
<td>To job entry</td>
<td>Single values: *RMTLOCNAME, *DATALIB Other values: Element list</td>
<td>Optional, Positional 2</td>
</tr>
<tr>
<td>Element 1: Job</td>
<td>Name, *SAME</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element 2: Group</td>
<td>Name, *SAME, *NONE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element 3: Group sequence</td>
<td>1-99, *SAME, *NONE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPYDEP</td>
<td>Copy dependencies</td>
<td>*NO, *YES</td>
<td>Optional</td>
</tr>
<tr>
<td>RMTLOCNAME</td>
<td>Remote location name</td>
<td>Name</td>
<td>Optional</td>
</tr>
<tr>
<td>DATALIB</td>
<td>Data library</td>
<td>Name</td>
<td>Optional</td>
</tr>
<tr>
<td>APP</td>
<td>Application</td>
<td>Generic name, name, *ALL, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>ACTION</td>
<td>Action</td>
<td>*REPORT, *COPY</td>
<td>Optional</td>
</tr>
<tr>
<td>ITMOPT</td>
<td>Item options</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td>Element 1: Job definition</td>
<td>*ADD, *REPLACE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element 2: Application</td>
<td>*ADD, *REPLACE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element 3: Calendar</td>
<td>*ADD, *REPLACE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element 4: Holiday calendar</td>
<td>*ADD, *REPLACE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element 5: Fiscal calendar</td>
<td>*ADD, *REPLACE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element 6: Library list</td>
<td>*ADD, *REPLACE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Element 7: Parameters</td>
<td>*ADD, *REPLACE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
From job entry (FROMJOB)

Specifies the name of the job schedule entry that you want to copy to create a new job. You must specify a job and alternately can specify a group to which the job belongs as well as a sequence number for the job within the group.

**Note:** Specifying a generic job name or *ALL is only valid when a remote location name is specified for the **Remote location name (RMTLOCNAME)** parameter or a data library is specified for the **Data library (DATALIB)** parameter. These parameters are available when specifying *RMTLOCNAME or *DATALIB, respectively, for the **To job entry (TOJOB)** Job parameter.

**Note:** If you are copying a group, you must specify *ALL for the job name, a single group name, and *ALL for the group sequence.

This is a required parameter.

**Element 1: Job**

*ALL  All jobs that meet that other parameters specified in the command are copied.

generic-name  Specify the generic name of the job. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with job names that begin with the generic name are displayed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete job name.

name  Specify the user-defined name of the job schedule entry that you want to copy.

**Element 2: Group**

*NONE  The job is not assigned to a group.

*ALL  Copy all groups to which the job belongs.

generic-name  Specify the generic name of the group. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with group names that begin with the generic name are displayed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete group name.

name  Specify the user-defined name of the group to which the job belongs.

**Element 3: Group sequence**

*NONE  There is not a sequence number assigned to the job.

*ALL  Copy all sequence numbers.

1-99  Specify the sequence number of the job within the group.

To job entry (TOJOB)

Specifies the name of the job schedule entry that you are creating as a result of copying the job or jobs specified for the **From job (FROMJOB)** parameter. You must specify a job and alternately you can specify a group to which the job belongs as well as a sequence number for the job within the group.
Note: If you are copying a group, you must specify *SAME for the job name, a single group name and
*SAME for the group sequence.

Single values
*RMTLOCNAME
   The jobs are to be copied to the remote location name specified for the Remote location name
   (RMTLOCNAME) parameter.

*DATALIB
   The jobs are to be copied to the data library specified for the Data library (DTALIB) parameter
   on the same system.

Element 1: Job
*SAME
   The current name of the job does not change.

   name Specify the user-defined name of the job schedule entry that you want to create from the job that
   you are copying.

Element 2: Group
*SAME
   The current name of the group does not change.

*NONE
   The job is not a member of a group.

   name Specify the user-defined name of the group to which the job belongs.

Element 3: Group sequence
*SAME
   The sequence number of the job does not change.

*NONE
   There is not a sequence number assigned to the job.

1-99 Specify the sequence number of the job within the group.

Copy dependencies (CPYDEP)
Specifies whether you should copy the dependencies from the job specified for the FROMJOB parameter
to the job specified for the TOJOB parameter.

*NO The job dependencies from the original job are not copied to the new job.

*YES The job dependencies from the original job are copied to the new job.

Remote location name (RMTLOCNAME)
Specifies the location and network identification of the system to which you are copying a job.

remote-location-name
   Specify the name of the remote location associated with the system to which to copy the job.
network-ID.remote-location-name

Specify the network identifier and the name of the remote location associated with the system. Specify these values using the format nnnnnnnn.cccccccc where nnnnnnnn is the network identifier and cccccccc is the remote location name.

Data library (DTALIB)

Specifies the data library to which you are copying a job.

name Specify the name of the data library to which to copy the job.

Application (APP)

Specifies the name of the application to which the job specified for the FROMJOB parameter belongs.

*ALL Include all applications that contain jobs specified for the FROMJOB parameter.

*NONE There is no application specified for this job.

generic-name

Specify the generic name of the application. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with application names that begin with the generic name are displayed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete application name.

name Specify the name of the application to which the job that you are copying belongs.

Action (ACTION)

Specifies whether you want to create a Copy Job Remote report or perform an actual copy.

*REPORT You want to create the Copy Job Remote Report. This is recommended prior to copying jobs to another system, particularly when using *ALL or a generic selection. The printer file for the report is QPIJS2CJ.

*COPY You want to copy the requested jobs.

Item options (ITMOPT)

Specify what action is to be taken for each item specified in the action list.

Element 1: Job definition

*ADD Add the job definition for the job to which you are copying. If the job definition already exists, this job definition will not be copied.
*REPLACE
Add the job definition for the job to which you are copying. Replace the job definition if it already exists.

Element 2: Application

*ADD  Add the application for the job to which you are copying. If the application already exists, this application will not be copied.

*REPLACE
Add the application for the job to which you are copying. Replace the application if it already exists.

Element 3: Calendar

*ADD  Add the calendar for the job to which you are copying. If the calendar already exists, this calendar will not be copied.

*REPLACE
Add the calendar for the job to which you are copying. Replace the calendar if it already exists.

Element 4: Holiday calendar

*ADD  Add the holiday calendar for the job to which you are copying. If the holiday calendar already exists, this holiday calendar will not be copied.

*REPLACE
Add the holiday calendar for the job to which you are copying. Replace the holiday calendar if it already exists.

Element 5: Fiscal calendar

*ADD  Add the fiscal calendar for the job to which you are copying. If the fiscal calendar already exists, this fiscal calendar will not be copied.

*REPLACE
Add the fiscal calendar for the job to which you are copying. Replace the fiscal calendar if it already exists.

Element 6: Library list

*ADD  Add the library list for the job to which you are copying. If the library list already exists, this library list will not be copied.

*REPLACE
Add the library list for the job to which you are copying. Replace the library list if it already exists.

Element 7: Parameters

*ADD  Add the parameters for the job to which you are copying. If the parameters already exists, this parameters will not be copied.

*REPLACE
Add the parameters for the job to which you are copying. Replace the parameters if it already exists.
Examples

Example 1: Copying a Job to a New Job
CPYJOBJS FROMJOB(JOB02) TOJOB(JOB03) CPYDEP(*YES)

This command copies JOB02 to a new job called JOB03. The job dependencies from JOB02 are copied to JOB03.

Error messages

Unknown
Display History using JS (DSPHSTJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Display History using Job Scheduler (DSPHSTJS) command allows you to display or print job completion history based on specified completion status, date ranges and sequences. The Display History using Job Scheduler command takes you to the Display History display which shows the job information, last run information and completion status for jobs based on the parameters you have selected in the DSPATHJS command.

### Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Optional, Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Generic name, name, *ALL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Generic name, name, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td>STATUS</td>
<td>Completion status</td>
<td>Single values: *ALL</td>
<td>Optional</td>
</tr>
<tr>
<td>PERIOD</td>
<td>Time period for history output</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Start time and date</td>
<td>Element list</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 1: Beginning time</td>
<td>Time, *AVAIL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Beginning date</td>
<td>Character value, *CURRENT, *BEGIN</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: End time and date</td>
<td>Element list</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 1: Ending time</td>
<td>Time, *AVAIL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Ending date</td>
<td>Character value, *CURRENT, *END</td>
<td></td>
</tr>
<tr>
<td>RMTLOCNAME</td>
<td>Remote location name</td>
<td>Name, *ALL, *LCL, *JOBCTL</td>
<td>Optional</td>
</tr>
<tr>
<td>SEQOPT</td>
<td>Sequence option</td>
<td>*DATE, *JOB, *GROUP</td>
<td>Optional</td>
</tr>
<tr>
<td>START</td>
<td>Entries to display first</td>
<td>*LAST, *FIRST</td>
<td>Optional</td>
</tr>
<tr>
<td>OUTPUT</td>
<td>Output</td>
<td>*PRINT</td>
<td>Optional</td>
</tr>
</tbody>
</table>

### Job entry (JOB)

Specifies the name of the job or jobs that you want to display or print. You can specify a group and associated sequence numbers for the jobs whose history you want to display or print. You can sequence the display or report by job, by date or by group. When you press Enter, you are taken to the Display History panel where you can perform various actions on the selected job history information.
Element 1: Job

*ALL You want to display or print Advanced Job Scheduler history for all jobs that meet the criteria specified in the command.

generic-name
Specify the generic job. For example, specifying JOB* would cause all jobs whose names begin with JOB to be included.

name Specify the name of the job that you want to display or print.

Element 2: Group

*ALL You want to display or print Advanced Job Scheduler history for all jobs that are members of any group.

*NONE The job is not a member of a group.

generic-name
Specify the generic group. For example, specifying GROUP* would cause all groups whose names begin with GROUP to be included.

name Specify the name of the group for which you want to display or print.

Element 3: Group sequence

*ALL All sequence numbers should be included in the jobs that you want to display or print.

*NONE The job does not have a sequence number.

1-99 Specify the sequence number of the job that you want to display or print.

Completion status (STATUS)

Specifies the completion status that you want to use when displaying or printing Advanced Job Scheduler history information.

Single values

*ALL Include all jobs in the Display History display regardless of completion status.

Other values (up to 7 repetitions)

*NORMAL The job came to normal end of job completion.

*ABNORMAL The job completed abnormally. The Advanced Job Scheduler log can be used to determine why the job ended abnormally.

*ABNGRP The group ended abnormally. This completion status applies to all jobs in the group that did not process because a previous job group did not run successfully.

*SBMERROR The job did not run successfully because there was an error in the job submission. An example of a submission error would be a job submitted by a user who did not have the proper authority to submit the job.
*PROCESS
The job is currently in process on the system.

*JOBQ
The job is currently in the job queue waiting for processing.

*CANCELLED
The job was cancelled prior to its completion.

*RESET
The job was manually reset.

---

**Time period for history output (PERIOD)**

Specifies the period of time for which the history entries are selected for the display or report.

**Element 1: Start time and date**

Specifies the beginning time and date at or after which history entries are included. Any jobs started before the specified time and date are not included in the display or report.

**Element 1: Beginning time**

*AVAIL
Any time that is available for the beginning date is included.

\[time\]
Specify the beginning time for the specified beginning date that indicates which history entries are to be included.

The time is specified in 24-hour format and can be specified with or without a time separator:

- Without a time separator, specify a string of 4 digits (hhmm) where hh=hours and mm=minutes. Hours and minutes must each be exactly 2 digits (using leading zeros if necessary).
- With a time separator, specify a string of 5 digits where the time separator specified for your job is used to separate the hours, minutes, and seconds. If you enter this command from the command line, the string must be enclosed in apostrophes. If a time separator other than the separator specified for your job is used, this command will fail.

**Element 2: Beginning date**

*BEGIN
History entries from the beginning of the history entries are included.

*CURRENT
History entries with a current date run date and between the specified beginning and ending times (if specified) are included.

\[date\]
Specify the beginning date. The date must be specified in the job date format.

\[integer\]
Specify a number to represent the number of days before the current date that you want
to use for the search. An example would be 10. If today’s date were 3/12/01 (date format is mm/dd/yy), the Begin date for the Advanced Job Scheduler history would be 3/2/01.

Element 2: End time and date

Specifies the ending time and date after which history entries are not included. Any job completion times after the specified time and date are not included in the history entries for the display or report.

Element 1: Ending time

*AVAIL

Any time that is available for the ending date is included.

time

Specify the ending time for the specified ending date that indicates which history entries are to be included.

Element 2: Ending date

*END

The history entries to the end of the history information are included in the display or report.

*CURRENT

History entries whose run date is on or before the current date are included in the display or report.

date

Specify the ending date. The date must be specified in the job date format.

integer

Specify a number to represent the number of days before the current date that you want to use for the search. An example would be 10. If today’s date were 3/22/01 (date format is mm/dd/yy), the End date for the Advanced Job Scheduler history would be 3/12/01.

Remote location name (RMTLOCNAME)

Specifies the remote location and network identification of the system that created the job history that you want to display or print.

*ALL

Selects all job history for all systems in the network.

*LCL

Selects all job history for the local system.

*JOBCTL

Selects all job history using *JOBCTL as the remote location name.

remote-location-name

Specify the name of the remote location associated with the system whose job history you want to display or print.

network-ID.remote-location-name

Specify the network identifier and the name of the remote location associated with the system. Specify these values using the format nnnnnnnn.cccccc where nnnnnnnn is the network identifier and cccccc is the remote location name.
Sequence option (SEQOPT)

Specifies how the Display History display is to be sequenced.

*DATE
  Sequences the Display History display by date.

*JOB
  Sequences the Display History display by job.

*GROUP
  Sequences the Display History display by group.

Entries to display first (START)

Specifies whether the newest job history entries or the oldest job history entries are shown first. The display station user can roll the display up or down to see other job history entries if the job history entry is on another display screen.

*LAST
  The last (newest) job history is shown on the bottom line of the display.

*FIRST
  The first (oldest) job history is shown on the top line of the display.

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job’s spooled output.

*The output is displayed (if requested by an interactive job) or printed with the job’s spooled output (if requested by a batch job).

*PRINT
  The output is printed with the job’s spooled output.

Examples

Example 1: Displaying Job Scheduler History
DSPHSTJS  SEQOPT(*JOB)  OUTPUT(*PRINT)

This command prints the Job Scheduler History report for all jobs and all groups. The report is sequenced by job.

Error messages

Unknown
Display Job using JS (DSPJOBJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Display Job using Job Scheduler (DSPJOBJS) command allows you to display or print a single job, groups of jobs or all jobs that you have set up in Advanced Job Scheduler. You can sequence the display or report by job, by date or by group.

If you select a single job to display, you are taken to the Display Job display. If you select more than one job to display, you are taken to the Display Jobs display where you can select any of the group of jobs to display individually. If you want to print information about a job or group of jobs, you can select a specific area to print or you can print all areas.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Optional, Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Generic name, name, *ALL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Generic name, name, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td>APP</td>
<td>Application</td>
<td>Generic name, name, *ALL, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>CAL</td>
<td>Calendar</td>
<td>Generic name, name, *ALL, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>HDYCAL</td>
<td>Holiday calendar</td>
<td>Generic name, name, *ALL, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>FSCCAL</td>
<td>Fiscal calendar</td>
<td>Generic name, name, *ALL, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>RMTLOCNAME</td>
<td>Remote location name</td>
<td>Name, *ALL, *LCL, *JOBCTL</td>
<td></td>
</tr>
<tr>
<td>RPTDSTID</td>
<td>Report distribution ID</td>
<td>Generic name, name, *ALL, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>TEXT</td>
<td>Text</td>
<td>Character value, *ALL, *NONE, *generic</td>
<td>Optional</td>
</tr>
<tr>
<td>CMD</td>
<td>Command request</td>
<td>Character value, *ALL, *NONE, *generic</td>
<td>Optional</td>
</tr>
<tr>
<td>SEQ</td>
<td>Sequence</td>
<td>*JOB, *DATE, *GROUP</td>
<td>Optional</td>
</tr>
<tr>
<td>OUTPUT</td>
<td>Output</td>
<td>*, *PRINT</td>
<td>Optional</td>
</tr>
<tr>
<td>DETAIL</td>
<td>Detail</td>
<td>*BASIC, *FULL</td>
<td>Optional</td>
</tr>
</tbody>
</table>
| AREA    | Area | Single values: *ALL 
Job entry (JOB)

Specifies that you want to display or print a single job, a generic group of jobs or all jobs. You can specify a single job with generic group, all jobs with a single group and so on.

Element 1: Job

ALL  Display or print all jobs.

generic-name

Specify the generic name of the jobs that you want to display or print. A generic name is a character string that contains one or more characters followed by an asterisk (*). If an * is not specified with the name, the system assumes that the name is a complete job.

name  Specify the name of the job that you want to display or print.

Element 2: Group

ALL  All groups to which the specified job or jobs are a member are displayed or printed.

NONE  There is no group associated with the job or jobs.

generic-name

Specify the generic name of the group that you want to display or print. A generic name is a character string that contains one or more characters followed by an asterisk (*). If an * is not specified with the name, the system assumes that the name is a complete group.

name  Specify the name of the group that contains the job or jobs that you want to display or print.

Element 3: Group sequence

ALL  All sequence numbers for the specified group or groups are displayed or printed.

NONE  There is no sequence number associated with the job.

1-99  Specify the sequence number of the job within the group or groups that you want to display or print.

Application (APP)

Specifies the name of the application that you want to display or print.

ALL  All the application entries that meet this command’s other parameter values are shown on the display or report.

NONE  The job is not assigned to an application.

generic-name

Specify the generic name of the application. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with application names that begin with the generic name are displayed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete application name.

name  Specify the user-defined name of the application you want to display or print.
Schedule code (SCDCDE)

Specifies the schedule code or schedule name for the job or jobs that you want to display or print.

**ALL**  All the schedule code entries that meet this command’s other parameter values are shown on the display or report.

**DAILY**  The job or jobs that you want to display or print are scheduled to run using the *DAILY* schedule code.

**CALENDAR**  The job or jobs that you want to display or print are scheduled to run using the *CALENDAR* schedule code.

**DATE**  The job or jobs that you want to display or print are scheduled to run using the *DATE* schedule code.

**DAY**  The job or jobs that you want to display or print are scheduled to run using the *DAY* schedule code.

**NUMDAY**  The job or jobs that you want to display or print are scheduled to run using the *NUMDAY* schedule code.

**MINUTES**  The job or jobs that you want to display or print are scheduled to run using the *MINUTES* schedule code.

**ONCE**  The job or jobs that you want to display or print are scheduled to run using the *ONCE* schedule code.

**MONTHEND**  The job or jobs that you want to display or print are scheduled to run using the *MONTHEND* schedule code.

**FIRST**  The job or jobs that you want to display or print are scheduled to run using the *FIRST* schedule code.

**SECOND**  The job or jobs that you want to display or print are scheduled to run using the *SECOND* schedule code.

**THIRD**  The job or jobs that you want to display or print are scheduled to run using the *THIRD* schedule code.

**FOURTH**  The job or jobs that you want to display or print are scheduled to run using the *FOURTH* schedule code.

**FIFTH**  The job or jobs that you want to display or print are scheduled to run using the *FIFTH* schedule code. If there is not a fifth occurrence in a month, the job will not run and will be scheduled for the next time there is a fifth occurrence of a selected day in a month.

**LAST**  The job or jobs that you want to display or print are scheduled to run using the *LAST* schedule code.
The job or jobs that you want to display or print are scheduled to run using the *FIRSTWRK schedule code.

The job or jobs that you want to display or print are scheduled to run using the *LASTWRK schedule code.

The job or jobs that you want to display or print are scheduled to run using the *ALTERNATE schedule code.

The job or jobs that you want to display or print are temporary jobs, created as a result of processing the SBMJOBJS command.

The job is not a scheduled job. It can be a member of a group job waiting for submission, a job waiting for a predecessor job to run, or a job waiting for manual submission by a user.

Note: The schedule code *NONE replaces the schedule code *DEPJOB which was used in releases prior to V4R2.

The job or jobs that you want to work with are scheduled to run using the specified schedule or the schedule code found in the specified schedule. For instance, user-defined schedule MONTHLY1 uses schedule code *DAY. By specifying MONTHLY1 all jobs using MONTHLY1 as the schedule or *DAY as the schedule code would be listed.

Calendar (CAL)

Specifies the name of the calendar that you want to display or print.

*ALL All the calendar entries that meet this command’s other parameter values are shown on the display or report.

*NONE The job that you want to display or print does not use a calendar.

generic-name Specify the generic name of the calendar. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with calendar names that begin with the generic name are displayed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete calendar name.

name Specify the user-defined name of the calendar you want to display or print.

Holiday calendar (HDYCAL)

Specifies the name of the holiday calendar that you want to display or print.

*ALL All the holiday calendar entries that meet this command’s other parameter values are shown on the display or report.

*NONE A holiday calendar is not assigned to the job.
Specify the generic name of the holiday calendar. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with holiday calendar names that begin with the generic name are displayed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete holiday calendar name.

Specify the user-defined name of the holiday calendar you want to display or print.

**Fiscal calendar (FSCCAL)**

Specifies the name of the fiscal year calendar that you want to display or print.

*ALL All the fiscal calendar entries that meet this command’s other parameter values are shown on the display or report.

*NONE A fiscal calendar is not assigned to the job.

Specify the generic name of the fiscal calendar. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with fiscal calendar names that begin with the generic name are displayed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete fiscal calendar name.

Specify the user-defined name of the fiscal calendar you want to display or print.

**Remote location name (RMTLOCNAME)**

Specifies the remote location and network identification of the system that created the job entry that you want to display or print.

*ALL Selects all job entries for all systems in the network.

*LCL Selects all job entries for the local system.

*JOBCTL Selects all job entries using *JOBCTL as the remote location name.

Specify the name of the remote location associated with the system whose job entries you want to display or print.

Specify the network identifier and the name of the remote location associated with the system. Specify these values using the format nnnnnnnn.cccccc where nnnnnnnn is the network identifier and cccccc is the remote location name.

**Report distribution ID (RPTDSTID)**

Specifies the identifier of the report distribution names that you want to display or print.
**ALL**  All the report distribution ID’s that meet this command’s other parameter values are shown on the display or report.

**NONE**  You do not want to include any jobs with report distribution IDs in the display or report.

generic-name  The report distribution ID is generic. For example, specifying ACT* would cause all jobs whose report distribution ID’s begin with the characters ACT to be included in the display or report.

name  Specify the report distribution ID that you want to display or print.

---

**Library list (LIBL)**

Specifies the name of the library list that you want to include in the display or print. If you want to select a library list name from a list when prompting this command, place the cursor on this parameter and press F4.

**ALL**  Include all jobs regardless of library list in the display or report.

**JOBCTL**  Include only those jobs whose library list is *JOBCTL in the display or report.

**JOBD**  Include only those jobs whose library list is *JOBD in the display or report.

**SYSVAL**  Include only those jobs whose library list is *SYSVAL in the display or report.

**NONE**  Include only those jobs whose library list is *NONE in the display or report.

generic-name  The library list name is generic. For example, specifying "LIB*” would cause all jobs whose library lists begin with the characters "LIB” to be included in the display or report.

name  Specify the name of the library list that you want to include in the display or report.

---

**Job status (STATUS)**

Specifies the status code of the jobs that you want to display or print.

**ALL**  Include all jobs regardless of status in the display or report.

**READY**  Include only those jobs whose job status is *READY in the display or report. Jobs with job status *READY are jobs that are waiting to be processed at their next scheduled date and time.

**DEPW**  Include only those jobs whose job status is *DEPW in the display or report. Jobs with job status *DEPW are jobs that are waiting to be processed based on another job or event.

**HELD**  Include only those jobs whose job status is *HELD in the display or report. Jobs with job status *HELD are jobs that have been suspended and will not be processed until released.

**OMIT**  Include only those jobs whose job status is *OMIT in the display or report.
*PROCESS
Include only those jobs whose job status is *PROCESS in the display or report. Jobs with job status *PROCESS are jobs that are currently processing at the time of the display or report.

*JOBQ
Include only those jobs whose job status is *JOBQ in the display or report. Jobs with job status *JOBQ are jobs that are on the job queue at the time of the display or report.

*SAVED
Include only those jobs whose job status is *SAVED in the display or report. Jobs with job status *SAVED are jobs that are one time jobs that you have saved for future use.

Text (TEXT)
Specifies the text related to the job that you want to display or print. You can search for any string of characters, and only those job schedule entries that contain the string of characters in the text are included in the display or report.

*ALL You want to display or report all job schedule entries, regardless of the text.

*NONE You want to display or report all job schedule entries that have blanks or *NONE for text.

generic-text The text is generic. For example, specifying 'THE JOB' would cause all text that begins with the words 'THE JOB' to be included in the display or report.

count-value Specify that you want to display all job schedule entries that have the text string specified.

Command request (CMD)
Specifies the command request for the jobs that you want to display or print. You can include any command request, a string of command characters, or display entries that have no command request.

*ALL You want to display or print all job schedule entries, regardless of whether they have a command request.

*NONE You want to display or print job schedule entries that have no command requests.

generic-command Specify generic command information. For example, specifying 'CALL PG*' would cause all command requests that begins the string 'CALL PG' to be included in the display.

character-value Specify that you want to display or print all job schedule entries that have the command request specified.

Sequence (SEQ)
Specifies the sequence in which you want to display or report the selected job schedule entries.

*JOB You want to display or report the job schedule entries in job sequence.
*DATE
You want to display or report the job schedule entries in date sequence.

*GROUP
You want to display or report the job schedule entries in group sequence.

Output (OUTPUT)
Specifies whether the output from the command is displayed at the requesting work station or printed with the job’s spooled output.

* The output is displayed (if requested by an interactive job) or printed with the job’s spooled output (if requested by a batch job).

*PRINT
The output is printed with the job’s spooled output.

Detail (DETAIL)
Specifies the format used for the printed output.

*BASIC
The entries are printed in abbreviated list format.

*FULL
The detail of each entry is printed in an expanded format.

Area (AREA)
Specifies the information about the job or jobs that you want to include in the report when you specify *FULL for the Detail (DETAIL) parameter.

Single values

*ALL
All information about the job or jobs is to be included in the display or report.

Other values (up to 5 repetitions)

*JOBDFN
Job definition information is included in the display or report.

*CMD
Command information is included in the display or report.

*LDA
Local data area information is included in the display or report.

*DOC
Documentation information is included in the display or report.

*DEP
Dependency information is included in the display or report.
Examples

Example 1: Displaying a Job
DSPJOBJS JOB(JOB02) OUTPUT(*PRINT)

This command prints information for job JOB02.

Error messages

Unknown
Display Log for Job Scheduler (DSPLOGJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Display Log for Job Scheduler (DSPLOGJS) command allows you to display or print the Advanced Job Scheduler log. The Advanced Job Scheduler log is a display by date and time of messages that Advanced Job Scheduler has created as a result of processing. The DSPLOGJS command allows you to display or print all or part of the log.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE</td>
<td>Type</td>
<td>*ALL, *RUN, *SUBMIT, *MAINT, *EMAIL, *WORKFLOW</td>
<td>Optional, Positional 1</td>
</tr>
<tr>
<td>PERIOD</td>
<td>Time period for log output</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Start time and date</td>
<td>Element list</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 1: Beginning time</td>
<td>Time, *AVAIL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Beginning date</td>
<td>Character value, *CURRENT, *BEGIN</td>
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<td></td>
<td>Element 2: End time and date</td>
<td>Element list</td>
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<td>Element 1: Ending time</td>
<td>Time, *AVAIL</td>
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<td></td>
<td>Element 2: Ending date</td>
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<td>Severity</td>
<td>0-99, *ALL</td>
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<tr>
<td>OUTPUT</td>
<td>Output</td>
<td>*PRINT</td>
<td>Optional</td>
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<tr>
<td>DETAIL</td>
<td>Detail</td>
<td>*BASIC, *FULL</td>
<td>Optional</td>
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<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Single values: *NONE Other values: Element list</td>
<td>Optional</td>
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<td></td>
<td>Element 1: Job</td>
<td>Generic name, name, *ALL</td>
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</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Generic name, name, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td>RMTLOCNAME</td>
<td>Remote location name</td>
<td>Name, *ALL, *LCL</td>
<td>Optional</td>
</tr>
<tr>
<td>USER</td>
<td>User</td>
<td>Name, *ALL</td>
<td>Optional</td>
</tr>
<tr>
<td>MSGID</td>
<td>Message identifier</td>
<td>Name, *ALL</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Type (TYPE)

The type of entry for which you want to review log entries.

*ALL  Selects all log entries for display.
*RUN  Selects only job run entries for display.
*SUBMIT
Selects only submit job log entries for display.

*MAINT
Selects only maintenance log entries for display.

*EMAIL
Selects only e-mail related log entries for display.

*WORKFLOW
Selects only Work Flow related log entries for display.

---

**Time period for log output (PERIOD)**

Specifies the period of time for which the log entries are selected for the display or report.

**Element 1: Start time and date**

Specifies the beginning time and date at or after which log entries are included. Any log entries created before the specified time and date are not included in the display or report.

**Element 1: Beginning time**

*AVAIL
Any time that is available for the beginning date is included.

*time
Specify the beginning time for the specified beginning date that indicates which log entries are to be included.

The time is specified in 24-hour format and can be specified with or without a time separator:

- Without a time separator, specify a string of 4 digits (hhmm) where hh=hours and mm=minutes. Hours and minutes must each be exactly 2 digits (using leading zeros if necessary).
- With a time separator, specify a string of 5 digits where the time separator specified for your job is used to separate the hours, minutes, and seconds. If you enter this command from the command line, the string must be enclosed in apostrophes. If a time separator other than the separator specified for your job is used, this command will fail.

**Element 2: Beginning date**

*BEGIN
History entries from the beginning of the log entries are included.

*CURRENT
Log entries with a current date creation date and between the specified beginning and ending times (if specified) are included.

*date
Specify the beginning date. The date must be specified in the job date format.

*integer
Specify a number to represent the number of days before the current date that you want
to use for the search. An example would be 10. If today’s date were 3/12/01 (date format is mm/dd/yy), the Begin date for the Advanced Job Scheduler log would be 3/2/01.

Element 2: End time and date

Specifies the ending time and date after which log entries are not included. Any log entries made after the specified time and date are not included in the display or report.

Element 1: Ending time

*AVAIL

Any time that is available for the ending date is included.

time Specify the ending time for the specified ending date that indicates which log entries are to be included.

Element 2: Ending date

*END The log entries to the end of the log information are included in the display or report.

*CURRENT Log entries whose date is on or before the current date are included in the display or report.

date Specify the ending date. The date must be specified in the job date format.

integer Specify a number to represent the number of days before the current date that you want to use for the search. An example would be 10. If today’s date were 3/22/01 (date format is mm/dd/yy), the End date for the Advanced Job Scheduler log would be 3/12/01.

Severity (SEV)

Specifies the message severity level that you want to include in the report/display. For example, a severity level of 30 would include all messages that are severity level 30 and above.

*ALL Include all severity levels in the display or report.

0-99 Specify the severity level associated with log entries that you want to include in the display or report.

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job’s spooled output.

* The output is displayed (if requested by an interactive job) or printed with the job’s spooled output (if requested by a batch job).
The output is printed with the job’s spooled output.

**Detail (DETAIL)**
Specifies the format used for the printed output.

**BASIC**
The entries are printed in abbreviated list format.

**FULL**
The detail of each entry is printed in an expanded format.

**Job entry (JOB)**
Specifies the name of the job whose log entries you want to display or print. You must specify a job for every job and alternately can specify a group to which the job belongs as well as a sequence number for the job within the group.

**Single values**

**NONE**
Jobs that have no log entries are displayed.

**Element 1: Job**

**ALL**
All jobs that have log entries are displayed.

generic-name
Specify the generic name of the jobs whose log entries you want to display. A generic name is a character string that contains one or more characters followed by an asterisk (*). If an * is not specified with the name, the system assumes that the name is a complete job.

name
Specify the name of the job whose log entries you want to display.

**Element 2: Group**

**ALL**
All groups to which the specified job or jobs are a member are displayed.

**NONE**
There is no group associated with the job.

generic-name
Specify the generic name of the group whose log entries you want to display. A generic name is a character string that contains one or more characters followed by an asterisk (*). If an * is not specified with the name, the system assumes that the name is a complete group.

name
Specify the name of the group that contains the job whose log entries you want to display.

**Element 3: Group sequence**

**ALL**
All job sequences that belong to this group with log entries are displayed.

**NONE**
There is no sequence number associated with the job.

1-99 Specify the sequence number of the job within the group whose log entries you want to display.
Remote location name (RMTLOCNAME)

Specifies the remote location and network identification of the system that created the log entry that you want to display.

*ALL Selects all log entries for all systems in the network.
*LCL Selects all log entries for the local system.

remote-location-name

Specify the name of the remote location associated with the system whose log entries you want to display.

network-ID.remote-location-name

Specify the network identifier and the name of the remote location associated with the system. Specify these values using the format nnnnnnnn.cccccccc where nnnnnnnn is the network identifier and cccccccc is the remote location name.

User (USER)

Specifies the name of the user profile for the log entries that you want to display.

*ALL Include all user profiles in the display or report.

name Specify the name of the user profile whose log entries you want to include in the display or report.

Message identifier (MSGID)

Specifies the message identifier for the log entries that you want to display.

*ALL Include all message identifiers in the display or report.

name Specify the message identifier whose log entries you want to include in the display or report.

Examples

DSPLOGJS PERIOD((*AVAIL *BEGIN) (*AVAIL *END)) JOB(JOB02)

This command displays Job Scheduler log entries from the beginning of the log to the end of the log for JOB02.

Error messages

Unknown
End Job Scheduler (ENDJS)

Where allowed to run: All environments (*ALL)

Threadsafe: No

The End Job Scheduler (ENDJS) command allows you to end the Advanced Job Scheduler job monitor or to stop capturing job information for software applications that you started using the STRJS command.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPTION</td>
<td>Option</td>
<td>*MONITOR, *CAPTURE</td>
<td>Optional, Positional 1</td>
</tr>
<tr>
<td>DTALIB</td>
<td>Data library</td>
<td>Name, *ALL, *USRPRF, *PROMPT</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Option (OPTION)

Specifies whether you want to end the Advanced Job Scheduler monitor or you want to stop capturing job information.

*MONITOR

End the Advanced Job Scheduler monitor.

*CAPTURE

Stop capturing job information for application software.

Data library (DTALIB)

Specify the data library that you want to end monitoring for Advanced Job Scheduler.

*USRPRF

The data library specified in the user profile for the current user will be used.

*ALL

All existing data libraries will be used.

name

Specify the name of the data library that you want to use.

Examples

ENDJS OPTION(*MONITOR)

This command ends the Job Scheduler monitor. The monitor stays inactive until the next time you run the Start Job Scheduler (STRJS) command.
Error messages

Unknown
Hold Job using Job Scheduler (HLDJOBJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Hold Job using Job Scheduler (HLDJOBJS) command allows you to hold a job that you specify. When you press Enter, a message is displayed confirming that the job you selected has been held. The job is held until the Release Job using Job Scheduler (RLSJOBJS) command is processed for the job or Option 6 (Release/Reset) is selected for the job on the Work with Jobs display.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Required, Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Name, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *NONE</td>
<td></td>
</tr>
</tbody>
</table>

Job entry (JOB)

Specifies the name of the job that you want to hold.

You must specify a job and optionally can specify a group to which the job belongs and the associated sequence number of the job.

This is a required parameter.

Element 1: Job

name Specify the name of the job that you want to hold.

Element 2: Group

*NONE The job is not a member of a group.

name Specify the name of the group to which the job belongs.

Element 3: Group sequence

*NONE There is not a sequence number assigned to this job.

1-99 Specify the sequence number of the job within the group.
Examples
HLDJOBJS   JOB(JOB02)

This command will cause job JOB02 to be held.

Error messages
Unknown
Print Schedule using JS (PRTSCDJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Print Schedule using Job Scheduler (PRTSCDJS) command allows you print a report based on a number of days that you specify that forecasts what jobs are to be submitted by Advanced Job Scheduler and when. You can include or exclude jobs that have been held.

Note: If you use the schedule code *MINUTES, the PRTSCDJS command can be long running.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NBRDAY</td>
<td>Number of days</td>
<td>1-365, 30, *NEXT, *SELECT</td>
<td>Optional, Positional 1</td>
</tr>
<tr>
<td>PAGADV</td>
<td>Page advance</td>
<td>*YES, *NO</td>
<td>Optional</td>
</tr>
<tr>
<td>INCHLDJOB</td>
<td>Include held jobs</td>
<td>*YES, *NO</td>
<td>Optional</td>
</tr>
<tr>
<td>SEQ</td>
<td>Sequence</td>
<td>*DATE, *JOBQ</td>
<td>Optional</td>
</tr>
<tr>
<td>SLTDATE</td>
<td>Select dates</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: From date</td>
<td>Character value, *CURRENT</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: To date</td>
<td>Character value, *CURRENT</td>
<td></td>
</tr>
</tbody>
</table>

Number of days (NBRDAY)

Specifies the number of days that you want to forecast jobs that are scheduled to be submitted by Advanced Job Scheduler. You can specify a number of days, the next day only or a range of days.

30 The forecast will include the next 30 days.

*NEXT The forecast will be for the next day.

*SELECT When you specify *SELECT, you can add a range of dates to include in the forecast in the SLTDATE parameter.

1-365 Specify the number of days that you want to include in the forecast.

Page advance (PAGADV)

Specifies whether you want the page to advance for each day that you specify.

*YES The report will be printed such that at the end of each day of forecasted jobs the paper will advance to the top of a new page.
The report will be printed continuously with page breaks when a page is filled.

**Include held jobs (INCHLDJOB)**

Specifies whether you want to include jobs that have been held in the forecast report.

**NO** The report will not include jobs that have been held.

**YES** The report will include jobs that have been held.

**Sequence (SEQ)**

Specifies the sequence in which you want to sort the forecast report.

**DATE** Sequence the report in date order.

**JOBQ** Sequence the report by job queue.

**Select dates (SLTDATE)**

Specifies the range of dates that you want to use when printing the forecast report. The **From date** is the beginning point in the date range of forecast information that is displayed and the **To date** is the ending point.

**Element 1: From date**

**CURRENT** Uses the current date as the beginning date in the date range.

*character-value* Specify the date in system format with or without date separators, such as 12/01/01 or 120101, that you want to be the beginning date of the date range.

**Element 2: To date**

**CURRENT** The current date is the ending date of the date range.

*character-value* Specify the date in system format with or without date separators, such as 12/01/01 or 120101, that you want to be the ending date of the date range.

**Examples**

```
PRTSCDJS NBRDAY(S) PAGEADV(*NO) INCHLDJOB(*YES)
```

This command prints the Job Schedule report for jobs that will run for the next 5 days. There will not be a separate page for each day and held jobs are included in the report.
Error messages

Unknown
Release Job using JS (RLSJOBJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Release Job using Job Scheduler (RLSJOBJS) command allows you to release a job that you specify. When you press Enter, a message is displayed confirming that the job you selected has been released. The job is released until the Hold Job using Job Scheduler (HLDJOBJS) command is processed for the job or Option 3 (Hold) is selected for the job on the Work with Jobs display.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
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</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Required, Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Name, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *NONE</td>
<td></td>
</tr>
</tbody>
</table>

Job entry (JOB)

Specifies the name of the job that you want to release.

You must specify a job and optionally can specify a group to which the job belongs and the associated sequence number of the job.

This is a required parameter.

Element 1: Job

name Specify the name of the job that you want to release.

Element 2: Group

*NONE The job is not a member of a group.

name Specify the name of the group to which the job belongs.

Element 3: Group sequence

*NONE There is not a sequence assigned to this job.

1-99 Specify the sequence number of the job within the group. Sequence numbers can range from 1 to 99.
Examples
RLSJOBJS JOB(JOB02)

This command releases the job JOB02 which was previously held using a HLDJOBJS command.

Error messages
Unknown
Remove History using JS (RMVHSTJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Remove History using Job Scheduler (RMVHSTJS) command allows you to remove history from the Advanced Job Scheduler job history file by specifying the amount of history you want to keep or remove. You can specify whether you want to keep a number of job history occurrences or you can remove history entries based on a date range you specify.

### Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Remove type</td>
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<td>Optional, Positional 1</td>
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<tr>
<td>NBROCCUR</td>
<td>Number of occurrences</td>
<td>1-999, 180</td>
<td>Optional</td>
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<tr>
<td>SLTDATE</td>
<td>Select dates</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: From date</td>
<td>Character value, *CURRENT, *BEGIN</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: To date</td>
<td>Character value, 180, *CURRENT, *END</td>
<td></td>
</tr>
</tbody>
</table>

### Remove type (RMVTYPE)

Specifies how entries are to be selected from the Advanced Job Scheduler log.

*OCCUR

History file entries are kept based on the number of occurrences specified for the **Number of occurrences (NBROCCUR)** parameter.

*DAYS

History file entries are removed based on a date range specified in the **From date** and **To date** fields.

### Number of occurrences (NBROCCUR)

Specifies how many occurrences for a job are to be kept in the history file. The number of occurrences begins with the oldest (earliest date) occurrence and progresses to the most recent. Occurrences can range from 1 to 999.

180 The number of occurrences for a job to be kept in the file is 180.

1-999 Specify the number of occurrences for a job that are to be kept in the file.
**Select dates (SLTDATE)**

Specifies the range of dates that you want to use when removing Advanced Job Scheduler job history. The **From date** is the beginning point in the Advanced Job Scheduler history that is removed and the **To date** is the ending point.

**Element 1: From date**

*BEGIN

Uses the earliest Advanced Job Scheduler history file date in the file as the beginning date in the date range.

*CURRENT

Uses the current date as the beginning date in the date range.

date

Specify the date in system format with or without date separators, such as 12/01/01 or 120101, that you want to be the beginning date of the date range.

number

Specify a number to represent the number of days before the current day that you want to be the beginning date of the date range. An example would be 10. If today’s date were 3/22/01, the From date for the Advanced Job Scheduler log would be 3/12/01.

**Element 2: To date**

180 The number of days of history that is retained is 180.

*CURRENT

The current date is the ending date of the date range.

*END

The latest date in the Advanced Job Scheduler history file is used as the ending date in the date range.

date

Specify the date in system format with or without date separators, such as 12/01/01 or 120101, that you want to be the ending date of the date range.

number

Specify a number to represent the number of days before the current day that you want to be the ending date of a date range. An example would be 10. If today’s date were 3/22/01, the To date for the Advanced Job Scheduler log would be 3/12/01.

**Examples**

RMVHSTJS  RMVTYPE(*DAYS)  SLTDATE(*BEGIN 60)

This command removes history information that is older than 60 days. The most recent 60 days of history information is kept.

**Error messages**

Unknown
The Remove Job using Job Scheduler (RMVJOBJS) command allows you to remove a job or groups of jobs from the Advanced Job Scheduler job schedule. The job or jobs can belong to a group of jobs.

**Note:** You must remove all subordinate job groups before a job group with sequence 1 can be removed.

### Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Required, Positional 1</td>
</tr>
<tr>
<td>Element 1: Job</td>
<td></td>
<td>Generic name, name, *ALL</td>
<td></td>
</tr>
<tr>
<td>Element 2: Group</td>
<td></td>
<td>Generic name, name, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td>Element 3: Group sequence</td>
<td></td>
<td>1-99, *ALL, *NONE</td>
<td></td>
</tr>
</tbody>
</table>

### Job entry (JOB)

Specifies the name of the job schedule entry that you want to remove. You can specify one job, a generic job name or use the special value *ALL for all jobs. The job specification can be used in conjunction with a group to which the job belongs as well as a sequence number for the job within the group. You can also specify generic group names and sequence numbers.

This is a required parameter.

#### Element 1: Job

*ALL  You want to remove all jobs that satisfy the group and sequence number specification.

generic-name

Specify a generic job name for the jobs to be removed. For example, specifying JOB* would cause all jobs whose names begin with JOB and that satisfy the group and sequence number specification to be removed from Advanced Job Scheduler.

name

Specify the user-defined name of the job schedule entry that you want to remove.

#### Element 2: Group

*NONE  The job is not assigned to a group.

*ALL  Remove all specified jobs that belong to any group.
generic-name

The group is generic. For example, specifying GROUP* would cause specified jobs in all groups that begin with GROUP and that satisfy the sequence number specification to be removed from Advanced Job Scheduler.

name

Specify the user-defined name of the group to which the job belongs that you are removing.

Element 3: Group sequence

*NONE

There is not a sequence number assigned to the job.

*ALL

Include jobs with any sequence number that satisfy the job and group specifications.

1-99

Specify the sequence number of the job within the group.

Examples

RMVJOBJS JOB(JOB02 ACCTG 11)

This command removes job JOB02 which is sequence number 11 in the group ACCTG.

Error messages

Unknown
Remove Log Entries from JS (RMVLOGEJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Remove Log Entries from Job Scheduler (RMVLOGEJS) command allows you to clear the Advanced Job Scheduler log based on a date range that you specify.

### Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE</td>
<td>Type</td>
<td>*ALL, *RUN, *SUBMIT, *MAINT, *EMAIL, *WORKFLOW</td>
<td>Optional, Positional 1</td>
</tr>
<tr>
<td>SLTDATE</td>
<td>Select dates</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: From date</td>
<td>Character value, *CURRENT, *BEGIN</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: To date</td>
<td>Character value, 180, *CURRENT, *END</td>
<td></td>
</tr>
</tbody>
</table>

### Type (TYPE)

Specifies the type of entries that you want to clear from the Advanced Job Scheduler log. Examples of types of entries are run, submit, maintenance and so on.

*ALL 
Selects all log entries to clear within the specified date range.

*RUN 
Selects only log entries that were logged during the run process to clear within the specified date range.

*SUBMIT 
Selects only log entries that were logged during the submission process to clear within the specified date range.

*MAINT 
Selects only log entries that were logged during the maintenance process to clear within the specified date range.

*EMAIL 
Selects only log entries that were logged during the e-mail process to clear within the specified date range.

*WORKFLOW 
Selects only log entries that were logged during Work Flow processing to clear within the specified date range.
Select dates (SLTDATE)

Specifies the range of dates that you want to use when clearing the Advanced Job Scheduler log. The From date is the beginning point in the Advanced Job Scheduler log that is cleared and the To date is the ending date.

Element 1: From date

*BEGIN
Uses the earliest Advanced Job Scheduler log date in the file as the beginning date in the date range.

*CURRENT
Uses the current date as the beginning date in the date range.

date Specify the date in system format with or without date separators, such as 12/01/01 or 120101, that you want to be the beginning date of the date range.

number Specify a number to represent the number of days before the current day that you want to be the beginning of the date range. An example would be 10. If today’s date were 3/12/01, the From date for the Advanced Job Scheduler log would be 3/2/01.

Element 2: To date

180 The number of days of log entries that remain is 180.

*CURRENT
Uses the current date as the ending date of the date range.

*END Uses the latest date in the Advanced Job Scheduler log to use as the ending date in the date range.

date Specify the date in system format with or without date separators, such as 12/01/01 or 120101, that you want to be the ending date of the date range.

number Specify a number to represent the number of days before the current day that you want to be the end of the date range. An example would be 10. If today’s date were 3/22/01, the To date for the Advanced Job Scheduler log would be 3/12/01.

Examples

RMVLOGEJS TYPE(*ALL) SLTDATE('3/12/99' '4/12/99')

This command removes all log entries for the period March 12, 1999 to April 12, 1999. SLTDATE is expressed in mm/dd/yy format in this example.

Error messages

Unknown
Rename Job using Job Scheduler (RNMJOBJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Rename Job using Job Scheduler (RNMJOBJS) command allows you to rename a job. After renaming the job, you can modify and change any or all of the associated parameters.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Required,</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Name</td>
<td>Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Name, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>sequence</td>
<td>1-99, *NONE</td>
<td></td>
</tr>
<tr>
<td>NEWJOB</td>
<td>New job entry</td>
<td>Element list</td>
<td>Optional,</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Name</td>
<td>Positional 2</td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Name, *SAME, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>sequence</td>
<td>1-99, *SAME, *NONE</td>
<td></td>
</tr>
</tbody>
</table>

Job entry (JOB)

Specifies the name of the job schedule entry that you want to rename. You must specify a job for every job and alternately can specify a group to which the job belongs as well as a sequence number for the job within the group.

Note: No subordinate jobs for a group can exist in order to rename the sequence 1 job of the group.

This is a required parameter.

Element 1: Job

*name* Specify the user-defined name of the job schedule entry that you want to rename.

Element 2: Group

*NONE

The job is not assigned to a group.

*name* Specify the user-defined name of the group to which the job belongs.

Element 3: Group sequence

*NONE

There is not a sequence number assigned to the job.

1-99 Specify the sequence number of the job within the group.
New job entry (NEWJOB)

Specifies the name of the job schedule entry that you are creating as a result of renaming the job specified for the Job entry (JOB) parameter. You must specify a job for every job and alternately can specify a group to which the job belongs as well as a sequence number for the job within the group.

The first job of a group must be sequence number 1. Subsequent sequence numbers should leave gaps (10, 20, 30 and so on) to allow job insertions if necessary.

Element 1: Job

*SAME
The current name of the job does not change.

name Specify the user-defined name of the job schedule entry that you want to create from the job that you are renaming.

Element 2: Group

*SAME
The current name of the group does not change.

*NONE
The job is not assigned to a group.

name Specify the user-defined name of the group to which the job belongs.

Element 3: Group sequence

*SAME
The current sequence number of the job does not change.

*NONE
There is not a sequence number assigned to the job.

1-99 Specify the sequence number of the job within the group.

Examples
RNMJOBJS JOB(JOB02) NEWJOB(JOB04)

This command renames job JOB02 to JOB04.

Error messages
Unknown
Submit Console Command (SBMCMDJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Submit Console Command (SBMCMDJS) command allows you to submit a command to the system console. The SBMCMDJS command works in conjunction with the console monitoring function of Advanced Job Scheduler. If the console monitor function is active, the command request will be processed. If the console function is not active the request will not be processed until console monitoring begins.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMD</td>
<td>Command request</td>
<td>Command string</td>
<td>Optional, Positional 1</td>
</tr>
</tbody>
</table>

Command request (CMD)

Specifies the command that you want to process. You can specify a command, a call to a program or pass parameters to a called program. Commands are checked for validity and parameters are validated against the Advanced Job Scheduler parameter file. Object existence is not checked.

command-string

Specify the command to be run.

Examples

None

Error messages

Unknown
Submit Job using Job Scheduler (SBMJOBJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Submit Job using Job Scheduler (SBMJOBJS) command allows you to submit a batch job through Advanced Job Scheduler. You can specify submission times and dates, parameter information and all submission information.

Submitting a job from within a group does not start the group. It will only run the job that you selected for submission unless you specify *GRP in the Update Dependencies (UPDDEP) field.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
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<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Required, Key, Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Name</td>
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</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Name, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *NONE</td>
<td></td>
</tr>
<tr>
<td>TIME</td>
<td>Submit time</td>
<td>0-2400, *IMMED, *SCHED</td>
<td>Optional</td>
</tr>
<tr>
<td>DATE</td>
<td>Submit date</td>
<td>Character value, *CURRENT</td>
<td>Optional</td>
</tr>
<tr>
<td>STRSEQ</td>
<td>Starting sequence</td>
<td>Integer, *FIRST</td>
<td>Optional</td>
</tr>
<tr>
<td>ENDSSEQ</td>
<td>Ending sequence</td>
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<tr>
<td>CHKDEP</td>
<td>Check for dependencies</td>
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<td>Optional</td>
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<tr>
<td>UPDDEP</td>
<td>Update dependencies</td>
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<td>Element 2: Parameter data</td>
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<td>Optional</td>
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<td>MAXRUN</td>
<td>Maximum run time</td>
<td>1-9999, *SAME, *NOMAX</td>
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<td>PGRRCPNORM</td>
<td>Notification normal</td>
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<td></td>
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<td>PGRRCPABN</td>
<td>Notification abnormal</td>
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<td>Element 1: Notification recipient</td>
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<table>
<thead>
<tr>
<th>Keyword</th>
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</thead>
</table>
| PGRRCPSTR       | Notification start job                   | Single values: *NONE  
Other values: Element list                                                 | Optional|
|                 | Element 1: Notification recipient        | Name, *SAME, *JOBCTL, *ONCALL                                            |         |
|                 | Element 2: Start limit                   | 1-999, *JOBCTL, *SAME                                                  |         |
| ALTJOB          | Alternate job                            | Single values: *SAME, *NONE  
Other values: Element list                                                 | Optional|
|                 | Element 1: Job                           | Name                                                                    |         |
|                 | Element 2: Group                         | Name, *NONE                                                             |         |
|                 | Element 3: Group sequence                | 1-99, *NONE                                                            |         |
| RPTDSTID        | Report distribution ID                   | Name, *SAME, *NONE                                                     | Optional|
| JOBD            | Job description                          | Single values: *SAME, *JOBCTL, *USRPRF  
Other values: Qualified object name                                       | Optional|
|                 | Qualifier 1: Job description             | Name                                                                    |         |
|                 | Qualifier 2: Library                     | Name, *LIBL, *CURLIB                                                    |         |
| JOBQ            | Job queue                                | Single values: *SAME, *JOBCTL, *JOBQ  
Other values: Qualified object name                                       | Optional|
|                 | Qualifier 1: Job queue                   | Name                                                                    |         |
|                 | Qualifier 2: Library                     | Name, *LIBL, *CURLIB                                                    |         |
| JOBPTY          | Job priority (on JOQ)                    | 1-9, *SAME, *JOBCTL, *JOBQ                                              | Optional|
| OUTPTY          | Output priority (on OUTQ)                | 1-9, *SAME, *JOBCTL, *JOBQ                                              | Optional|
Other values: Qualified object name                                       | Optional|
|                 | Qualifier 1: Output queue                | Name                                                                    |         |
|                 | Qualifier 2: Library                     | Name, *LIBL, *CURLIB                                                    |         |
| RTGDTA          | Routing data                             | Character value, *SAME, *JOBCTL, *JOBQ                                  | Optional|
| LOG             | Message logging                          | Element list                                                            | Optional|
|                 | Element 1: Level                         | 0-4, *SAME, *JOBCTL, *JOBQ                                              |         |
| HOLD            | Hold on job queue                        | *SAME, *JOBCTL, *JOBQ, *YES, *NO                                       | Optional|
| SWL             | Job switches                             | Character value, *SAME, *JOBCTL, *JOBQ                                  | Optional|
Other values: Qualified object name                                       | Optional|
|                 | Qualifier 1: Message queue               | Name                                                                    |         |
|                 | Qualifier 2: Library                     | Name, *LIBL, *CURLIB                                                    |         |
| RUNPTY          | Run priority                             | 01-99, *SAME, *JOBCTL, *NOCHG                                           | Optional|
### Job entry (JOB)

Specifies the name of the job schedule entry. You must specify a job name for every job and alternately can specify a group to which the job belongs as well as a sequence number for the job within the group.

The first job of a group must be sequence number 1. Subsequent sequence numbers should leave gaps (10, 20, 30 and so on) to allow job insertions if necessary.

This is a required parameter.

**Element 1: Job**

*name* Specify the user-defined name of the job schedule entry.

**Element 2: Group**

*NONE

The job is not assigned to a group.

*name* Specify the user-defined name of the group to which the job belongs.

**Element 3: Group sequence**

*NONE

There is not a sequence number assigned to the job.

*1-99

Specify the sequence number of the job within the group.

### Submit time (TIME)

Specifies the time that you want this job to be submitted. Jobs can be submitted at a specified time, immediately or at the next scheduled time. Times are entered in hour, minute (HHMM) format and range from 0001 to 2400 (midnight).

*sched*

The job is to be submitted by Advanced Job Scheduler at the next scheduled time.

*IMMED

The job is submitted immediately.

**Note:** This will be the default for any job group with a sequence greater than 1.

*0-2400

Specify the time that you want the job to be submitted by Advanced Job Scheduler.

### Submit date (DATE)

Specifies the date that you want this job to be submitted. Dates are specified in job date format.
*CURRENT

The job is to be submitted by Advanced Job Scheduler on the current date at the time specified in the Scheduled time (TIME) parameter.

character-value

Specify the date in job date format that you want the job to be submitted by Advanced Job Scheduler.

Starting sequence (STRSEQ)

Specifies the starting command sequence number for the job that you are submitting.

*FIRST

Start with the first command sequence number for the job that you are submitting.

integer

Specify the sequence number of the command within the job that you want to start with.

Ending sequence (ENDSEQ)

Specifies the ending command sequence number for the job that you are submitting.

*LAST

End with the last command sequence number for the job that you are submitting.

integer

Specify the sequence number of the command within the job that you want to end with.

Check for dependencies (CHKDEP)

Specifies whether you should check resource and active dependencies before allowing the job to be submitted.

*YES

Check resource and active dependencies when submitting a job. The dependencies must be satisfied before the job will be submitted.

*NO

Do not check resource and active dependencies when submitting a job. The dependencies do not need to be satisfied before the job will be submitted.

Update dependencies (UPDDEP)

Specifies whether you should update dependencies associated with the original job after the job has completed.

*NO

Do not update dependencies after the job has completed.

*YES

Update dependencies after the job has completed.

*GRP

Update dependencies after the job has completed. If the job is part of a group, continue group processing with the next job. This is equivalent to the Start Group using JS (STRGRPJS) command.
Parameters (PARAM)

Specifies the name of the parameter and the parameter data that you want to use for the submitted job. Parameters that you specify must be defined in Advanced Job Scheduler.

Any character is valid for entry into the parameter data field. Validity will be checked to the extent of the use of the parameter within your programs or of the Advanced Job Scheduler job when submitted. The number of characters in the parameter data should correspond with the length placed in the Parameter length field. Data entered in a shorter length than the Parameter length field will pass data padded with blanks to the length of the parameter. Leading blanks and embedded blanks will be passed to the parameter in your request data exactly as keyed. Any parameter data keyed past the specified length of the parameter field will be truncated. Apostrophes (’’) used in parameter data must appear in pairs to be valid. Apostrophes are required to be in a field that can accept text and apostrophes. If only one apostrophe is used, the parameter will be rejected with the error "Quotes (") in Parameter Data Must Appear In Pairs". You must correct this error before continuing.

There are special values that can be used in the Parameter data field. Some of these special values are used in date calculations. For example, one of the special values used in date calculations is *QMDY. The Q indicates the system date, the M indicates month, the D indicates day and the Y indicates year. Whenever you see a special value beginning with Q the calculation is based on the current system date. If the special value begins with A, the calculation is based on the submission date.

For example, parameter data specified as *QMDY(D-33,M+1,D+5W) would indicate that the current system date is the beginning point for the calculation. You would then subtract 33 days from the current system date, add 1 to the month and add five working days to the date calculated from the prior day (D-33) calculation. The resulting date would be expressed in month, day, year format.

Another example would be *QMDY(M+1,D=1). This indicates that based on the current system date, add one to the month and set the day as the first day of the month. The resulting date would be expressed in month, day, year format.

Another character that is in some special values is C, which is a century indicator, 0 being the twentieth century and 1 being the twenty first century.

Single values

*NONE

The job that you are submitting does not require any parameters entered here.

Other values (up to 50 repetitions)

Element 1: Parameter name

name Specify the name of the parameter that you want to use with this job.

Element 2: Parameter data

character-value

Specifies the parameter data that you want to use for the parameter.
Remote location name (RMTLOCNAME)

Specifies the location and network identification of the system on which to run the job.

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
Use the remote location name specified in the job controls.

*LCL
Run the job on the local server.

remote-location-name
Specify the name of the remote location associated with the system on which to run the job.

network-ID.remote-location-name
Specify the network identifier and the name of the remote location associated with the system. Specify these values using the format nnnnnnn.ccccccc where nnnnnnn is the network identifier and cccccc is the remote location name.

Maximum run time (MAXRUN)

Specifies the maximum run duration in minutes for the job.

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*NOMAX
There is no maximum duration for the job.

1-9999 Specify the number of minutes that is the maximum duration for this job. After this number of minutes has passed, Advanced Job Scheduler will end the job whether it has completed or not.

Notification normal (PGRRCPNORM)

Specifies the notification recipient who is to receive normal completion messages for the job that you are adding or changing. This field is used in conjunction with the notification command.

*NONE
No notification recipient is assigned to receive messages when this job completes normally.

Note: SMTP information must be specified before this feature may be used with the Send Distribution using JS (SNDDSTJS) command.

Note: The values that you specify for Notification recipient normal and Notification message are the substitution variables used for the &RCP and &MSGTXT variables respectively in the CHGNFYJS command.

You can specify the notification message that you want to send to the specified recipient when the job completes normally.

Single values
Element 1: Notification recipient

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
You are using the notification recipient specified in the job controls.

*ONCALL
Only recipients that are on-call will receive the message.

name
Specify the name of a recipient who is to receive messages from the job when it completes normally.

Element 2: Notification message

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
The notification recipient is sent the notification message from the job controls.

*COMP
The completion status of the job is sent.

date
Specify the date to be used.

character-value
Specify the notification message that you want to send to the notification recipient when this job completes normally.

Notification abnormal (PGRRCPABN)

Specifies the notification recipient who is to receive abnormal completion messages for the job that you are adding or changing. This field is used in conjunction with the notification command.

Note: SMTP information must be specified before this feature may be used with the Send Distribution using JS (SNDDSTJS) command.

Note: The values that you specify for Notification recipient abnormal and Notification message are the substitution variables used for the &RCP and &MSGTXT variables respectively in the CHGNFYJS command.

You can specify the notification message that you want to send to the specified recipient when the job completes abnormally.

Single values

*NONE
No notification recipient is assigned to receive messages when this job completes abnormally.

Element 1: Notification recipient

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
You are using the notification recipient specified in the job controls.

*ONCALL
Only recipients that are on-call will receive the message.
Specify the name of a recipient who is to receive messages from the job when it completes abnormally.

Element 2: Notification message

*SAME

The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL

The notification recipient is sent the notification message from the job controls.

*COMP

The completion status of the job is sent.

Specify the notification message that you want to send to the notification recipient when this job completes abnormally.

Character-value

notification start job (PGRRCPS1)

Specifies the notification recipient who is to receive notification for the job that you are adding or changing if the job does not start within the limit after it has been submitted. This field is used in conjunction with the notification command.

Note: SMTP information must be specified before this feature may be used with the Send Distribution using JS (SNDDSTJS) command.

Note: The values that you specify for Notification recipient start job is the substitution variable used for the &RCP variable in the CHGNFYJS command. The &MSGTXT will be replaced with message IJS6059.

You can specify the start limit in minutes. This is the amount of time a job can be sitting on the job queue before a notification is issued.

Single values

*NONE

No notification recipient is assigned to receive messages when this job exceeds the start limit.

Element 1: Notification recipient

*SAME

The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL

You are using the notification recipient specified in the job controls.

*ONCALL

Only recipients that are on-call will receive the message.

Specify the name of a recipient who is to receive messages if the job does not start within the limit after the job has been submitted.

Element 2: Start limit

*SAME

The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL

The start limit in the job controls is used.
1-999 Specify the number of minutes that a job can be sitting on the job queue before a notification is issued.

**Alternate job (ALTJOB)**

Specifies the name of the alternate job for the job. Alternate jobs only run when a regular job terminates abnormally. Jobs are not required to have alternate jobs. If you want to select a job from a job list when prompting this command, place the cursor on this parameter and press F4.

You can also specify a group and group sequence if the alternate job is a member of a group.

**Single values**

*SAME*
The value specified in the Advanced Job Scheduler job entry is used.

*NONE*
The job does not have an alternate job.

**Element 1: Job**

*name* Specify the name of the job that you want to be the alternate job for this job.

**Element 2: Group**

*NONE*
The alternate job does not have an alternate group.

*name* Specify the name of the group associated with the alternate job for this job.

**Element 3: Group sequence**

*NONE*
The alternate job does not have a sequence number assigned.

1-99 Specify the sequence number assigned to the alternate job.

**Report distribution ID (RPTDSTID)**

Specifies the report distribution ID that is used to distribute the reports generated as a result of processing the job.

*SAME*
The value specified in the Advanced Job Scheduler job entry is used.

*NONE*
The job does not have a report distribution ID.

*name* Specify the report distribution ID that you want to associate with this job.
Recovery action (RCYACN)

Specifies the recovery action to be taken if the job cannot be submitted at the designated time because the system is powered down or in a restricted state. The action specified on the parameter occurs at the next IPL or when the Advanced Job Scheduler system becomes active.

Jobs submitted during IPL or when the system comes out of restricted state are submitted in the same order that they would have been had the jobs been submitted at the times specified in the job schedule entries. If multiple occurrences of a recurring job are missed, the job is submitted only once. The first missed occurrence of the job is calculated from the current date.

Since the scheduler portion of IPL need not be complete for the IPL of the system to be complete, other jobs may start on the system before all of the jobs have been submitted.

This parameter does not apply:

- When a job is released after being held at the date and time it was to be submitted.

Note: A value specified for the RCYACN parameter will be ignored when used with schedule code *ALTERNATE or *NONE.

*SAME
   The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
   The job uses the recovery action specified in the job controls.

*SBMRLS
   The job is submitted in release state (RLS).

*SBMHLD
   The job is submitted in the held state (HLD).

*NOSBM
   The job is not submitted.
   Specifying *NOSBM affects only missed occurrences of the job. If the job schedule entry is a recurring job, future occurrences are not affected.

Job description (JOBD)

Specifies the job description to be used with this job.

Single values

*SAME
   The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
   The job description in the job controls is used for this job.

*USRPRF
   The job description in the user profile under which the submitted job runs is used as the job description of the submitted job.

Qualifier 1: Job description

name Specify the name of the job description to be used for the job.
Qualifier 2: Library

*LIBL  The library list is used to locate the job description name.

*CURLIB  The current library for the job is used to locate the job description name. If no library is specified as the current library for the job, QGPL is used.

name  Specify the name of the library where the job description name is located.

Job queue (JOBQ)

Specifies the job queue in which this job is to be placed.

Single values

*SAME  The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL  The job queue in the job controls is used for this job.

*JOBD  The submitted job is placed on the job queue named in the specified job description.

Qualifier 1: Job queue

name  Specify the name (library-name/job-queue-name) of the job queue on which the submitted job is placed.

Qualifier 2: Library

*LIBL  The library list is used to locate the job queue name.

*CURLIB  The current library for the job is used to locate the job queue. If no library is specified as the current library for the job, QGPL is used.

name  Specify the name of the library where the job queue name is located.

Job priority (on JOBQ) (JOBPTY)

Specifies the job queue scheduling priority. Valid values range from 1 through 9, where 1 is the highest priority and 9 is the lowest priority.

*SAME  The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL  The scheduling default specified in the job controls is used for the job.

*JOBD  The scheduling priority specified in the job description is used for the job.

1-9  Specify a value to be used for the scheduling priority for the job.
Output priority (on OUTQ) (OUTPTY)

Specifies the output queue priority for spooled output files that are produced by this job. Valid values range from 1 through 9, where 1 is the highest priority and 9 is the lowest priority.

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
The output priority default specified in the job controls is used for the job.

*JOBD
The output priority specified in the job description is used for the job.

1-9 Specify a value to be used for the output priority for the job.

Print device (PRTDEV)

Specifies the default printer device for this job.

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
The printer specified in the job controls is used by the job as the printer device.

*CURRENT
The same printer device being used by the job that is currently running is used for this job.

*USRPRF
The printer device specified in the user profile where the submitted job runs is used as the printer device for this job. The printer device name is obtained from the profile when this job is submitted.

*SYSVAL
The printer device specified in the system value, QPRTDEV, when this job is submitted is used.

*JOBD
The printer device specified in the job description is used for the submitted job.

name Specify the name of the printer device used for the submitted job.

Output queue (OUTQ)

Specifies the output queue to be used for spooled output produced by the job. This parameter only applies to spooled printer files that specify *JOB for the output queue.

Single values

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
The output queue specified in the job controls is used as the job’s output queue.

*USRPRF
The output queue in the user profile where the submitted job runs is used as the output queue for this job.
*DEV  The output queue associated with the printer device for the spooled file is used.

*JOBD  The output queue named in the job description used with the submitted job is the job’s default output queue.

Qualifier 1: Output queue

name  Specify the name of the output queue to be used as the default output queue by the submitted job.

Qualifier 2: Library

*LIBL  The library list is used to locate the output queue name.

*CURLIB  The current library for the job is used to locate the output queue name. If no library is specified as the current library for the job, QGPL is used.

name  Specify the name of the library where the output queue name is located.

User (USER)

Specifies the name of the user profile for the job being submitted. If *RQD is specified in the job description, *JOBD cannot be specified; a user name must be specified instead.

Note: The following IBM-supplied objects are not valid on this parameter:

- QDBSHR
- QDFTOWN
- QDOC
- QLPAUTO
- QLPINSTALL
- QRJE
- QSECOFR
- QSPL
- QSYS
- QTSTRQS

*SAME  The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL  The user profile specified in the job controls is used for the job being submitted.

*CURRENT  The same user profile used by the job that is currently running is used for the submitted job.

*JOBD  The user profile named in the specified job description is used for the job being submitted.

name  Specify the name of the user profile that is used for the job being submitted. You must be authorized to the user profile; the user profile must be authorized to the job description.
Print text (PRTTXT)

Specifies up to 30 characters of text that is printed at the bottom of each page of printed output and on separator pages.

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
The value in the job controls is used for this job.

*JOBD
The value in the job description is used for this job.

*SYSVAL
The system value, QPRTTXT, is used for this job.

*BLANK
No text is printed.

character-value
Specify the character string that is printed at the bottom of each page. A maximum of 30 characters can be entered, enclosed in apostrophes. The text on the listing will be centered in the same way it is entered.

Routing data (RTGDTA)

Specifies the routing data used to start the first routing step in the job. The routing data is used to determine the routing entry that identifies the program that the job runs.

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
The value in the job controls for routing data is used for this job.

*JOBD
The routing data specified in the job description is used to start the routing steps.

character-value
Specify the character string that is used as routing data for the job. A maximum of 80 characters can be entered, enclosed in apostrophes if necessary.

Current library (CURLIB)

Specifies the name of the current library associated with the job being run.

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
The current library in the job controls is used for the submitted job.

*USRPRF
The current library in the user profile where the submitted job runs is used as the current library for the submitted job.
There is no current library for the submitted job. If objects are created in the current library, QGPL is used as the default current library.

 Specify the name of a library used as the current library of the submitted job.

### Library list (LIBL)

Specifies the name of the library list that is used to search for any operating system object names that were specified without a library qualifier. If you want to select a library list from a list when prompting this command, place the cursor on this parameter and press F4.

* **SAME**
  - The value specified in the Advanced Job Scheduler job entry is used.

* **JOBCTL**
  - The library list in the job controls is used for this job.

* **JOBD**
  - The library list in the job description used with this job is used as the initial user part of the library list for the job.

* **SYSVAL**
  - The system default user library list is used by this job. It contains the library names that were specified in the system value, QUSRLIBL, at the time that the job is started.

* **NONE**
  - The user portion of the initial library list for this job will be empty.

 Specify the name of the library list that you want to use for this job.

### Message logging (LOG)

Specifies the message logging values used to determine the amount and type of information sent to the job log by this job. This parameter has three elements: the message (or logging) level, the message severity, and the level of message text. If no values are specified on this parameter, the values specified in the job description associated with this job are used.

**Element 1: Level**

* **SAME**
  - The value specified in the Advanced Job Scheduler job entry is used.

* **JOBCTL**
  - The value specified in the job controls for logging is used for this job.

* **JOBD**
  - The value specified for message logging in the job description is used for this job.

**0-4** Specify the message logging level to be used for this job’s messages. The values for logging levels are:

0    No data is logged.

1    The following information is logged: All messages sent to the job’s external message queue with a severity level greater than or equal to the message severity specified (this includes the indications of job start, job end and job completion status).
The following information is logged:
- Logging level 1 information.
- Requests or commands being logged from a CL program for which messages are issued with a severity code greater than or equal to the severity level specified.
- All messages associated with a request, or commands being logged from a CL program, that results in a high-level message with a severity level greater than or equal to the severity specified.

The following information is logged:
- Logging level 1 information.
- All requests or commands being logged from a CL program.
- All messages associated with a request, or commands being logged from a CL program, that results in a high-level message with a severity level greater than or equal to the severity specified.

The following information is logged: All requests or commands being logged from a CL program and all messages with a severity code greater than or equal to the severity specified, including trace messages.

Note: A high-level message is one that is sent to the program message queue of the program that received the request or commands being logged from a CL program.

Element 2: Severity

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
The value specified in the job controls for message severity is used for this job.

*JOBD
The value specified for message logging in the job description is used for this job.

0-99 Specify the lowest severity level that causes an error message to be logged in the job’s log.

Element 3: Text

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
The value specified in the job controls for message text is used for this job.

*JOBD
The value specified for message logging in the job description is used for this job.

*MSG
Only message text is written to the job’s log or shown to the user.

*SECLVL
Both the message text and message help of the error message is written to the job’s log or shown to the user.

*NOLIST
No job log is produced if the job completes normally. If the job ends abnormally (if the end of job code is 20 or higher), a job log is produced. The messages appearing in the job’s log contain both message text and help text.
Log CL program commands (LOGCLPGM)

Specifies whether the commands that are run in a control language program are logged to the job log by way of the CL program’s message queue. This parameter sets the status of the job’s logging flag. If *JOB has been specified for the LOG parameter on the Create CL Program (CRTCLPGM) command, the value specified for this parameter is used. Other values for the LOG parameter override the value specified for this parameter. The commands are logged in the same manner as the requests.

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
The value in the job controls is used for this job.

*JOBD
The value specified in the job description is used.

*YES
The commands in a CL program are logged to the job log.

*NO
The commands in a CL program are not logged to the job log.

Inquiry message reply (INQMSGRPY)

Specifies the way that predefined messages that are sent as a result of running this job are answered. You can specify that no change is made in the way that predefined messages are answered, or that all inquiry messages require a reply, or that a default reply is issued, or that the system reply list is checked for a matching reply as each predefined inquiry message is sent.

*SAME
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL
The value in the job controls for inquiry message reply is used for this job.

*JOBD
The inquiry message reply control specified in the job description used with this job is used.

*RQD
A reply is required by the receiver of the inquiry message for all inquiry messages that occur when this command is run.

*DFT
The default message reply is used to answer any inquiry messages that occur when this command is run.

*SYRPY
The system reply list is checked to see if there is an entry for any inquiry message that is issued as a result of running this job that has a message identifier and any comparison data that match the inquiry message identifier and message data. If a match occurs, the reply value in that entry is used. If no entry exists for that message, a reply is required.

Hold on job queue (HOLD)

Specifies whether this job is held at the time that it is put on the job queue. A job placed on the job queue in the hold state is held until it is released by the Release Job (RLSJOB) command or ended, either by the End Job (ENDJOB) command or by the Clear Job Queue (CLRJOBQ) command.

*SAME
The value specified in the Advanced Job Scheduler job entry is used.
**JOBCTL**  
The value in the job controls for hold on job queue is used for this job.

**JOBD**  
The value specified in the job description determines whether the job is held when it is put on the job queue.

**YES**  
The job is held when it is put on the job queue until it is released by a Release Job (RLSJOB) command or ended by an End Job (ENDJOB) command.

**NO**  
The job is not held when it is put on the job queue.

---

### Job switches (SWS)

Specifies the first settings for a group of eight job switches used with this job. These switches can be set or tested in a CL program and used to control the flow of the program. Only 0’s (off) and 1’s (on) can be specified in the 8-digit character string.

**SAME**  
The value specified in the Advanced Job Scheduler job entry is used.

**JOBCTL**  
The value in the job controls for job switches is used for this job.

**JOBD**  
The value specified in the job description is the first setting for the job’s switches.

**character-value**  
Specify any combination of eight zeros and ones that is used as the first switch setting for the submitted job.

---

### Message queue (MSGQ)

Specifies the name of the message queue to which a completion message is sent when the submitted job has completed running, either normally or abnormally. If an abnormal ending occurs, the help information for the completion message specifies the possible causes.

**Single values**

**SAME**  
The value specified in the Advanced Job Scheduler job entry is used.

**JOBCTL**  
The value in the job controls for message queue is used for this job.

**USRPRF**  
A completion message is sent to the message queue specified in the user profile of the submitter.

**NONE**  
No completion message is sent.

**Qualifier 1: Message queue**

**name**  
Specify the name of the message queue to which the completion message is to be sent.

**Qualifier 2: Library**
**LIBL**  The library list is used to locate the message queue name.

**CURLIB**  The current library is used to locate the message queue name. If no library is specified as the current library for the job, QGPL is used.

`name`  Specify the name of the library where the message queue name is located.

---

**Accounting code (ACGCDE)**

Specifies the accounting code that is used when logging system resource use for jobs that use this description.

**SAME**  The value specified in the Advanced Job Scheduler job entry is used.

**JOBCTL**  The accounting code for jobs using this description is obtained from the job controls.

**JOBD**  The accounting code for jobs using this description is obtained from the job description.

**USRPRF**  The accounting code for jobs using this description is obtained from the user profile associated with the job.

**BLANK**  An accounting code of 15 blanks is assigned to jobs that use this description.

`character-value`  Specify the accounting code that you want to use for jobs using this description.

---

**Run priority (RUNPTY)**

Specifies the run priority of running for the job. Priority of running is a value ranging from 1 (highest priority) through 99 (lowest priority), that represents the importance of the job when it competes with other jobs for machine resources. This value represents the relative (not absolute) importance of the job. If the job is rerouted, this value is reset according to the job’s importance within the job class.

**SAME**  The value specified in the Advanced Job Scheduler job entry is used.

**JOBCTL**  The run priority is obtained from the job controls.

**NOCHG**  The run priority is not changed when job processing starts.

`01-99`  Specify the run priority that the job uses.
**Initial ASP group (INLASPGRP)**

Specifies the initial setting for the auxiliary storage pool (ASP) group name for the initial thread of the submitted job. A thread can use the Set Auxiliary Storage Pool Group (SETASPGRP) command to change its library name space. When an ASP group is associated with a thread, all libraries in the independent ASPs in the ASP group are accessible and objects in those libraries can be referenced using regular library-qualified object name syntax. The libraries in the independent ASPs in the specified ASP group plus the libraries in the system ASP (ASP number 1) and basic user ASPs (ASP numbers 2-32) form the library name space for the thread.

*SAME  
The value specified in the Advanced Job Scheduler job entry is used.

*JOBCTL  
The initial ASP group is obtained from the job controls.

*CURRENT  
The ASP group name for the current thread is used for the submitted job.

*JOBD  
The initial ASP group name specified in the job description is used for the submitted job.

*NONE  
Specifies the initial thread of the submitted job will be started with no ASP group. The library name space will not include libraries from any ASP group. Only the libraries in the system ASP and any basic user ASPs will be in the library name space.

name  
Specify the name of the ASP group to be set for the initial thread of the submitted job. The ASP group name is the name of the primary ASP device within the ASP group. All libraries from all ASPs in this ASP group will be included in the library name space.

---

**Examples**

SBMJOBJS  JOB(JOB02)  TIME('300')  DATE('8/19/99')

This command submits job JOB02 and schedules it to run at 3:00 a.m. on August 19, 1999. DATE is expressed in **mm/dd/yy** format in this example.

---

**Error messages**

Unknown
Set Dependent Job using JS (SETDEPJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Set Dependent Job using Job Scheduler (SETDEPJS) command allows you change the completion flag from *YES to *NO or vice versa for a predecessor job in a predecessor/successor relationship. The completion flag indicates whether a job has processed. This command allows you to indicate that a job has or has not completed so that a dependent job can be submitted or omitted from submission.

For instance, you could set up an end of day (EOD) job that runs every week day at 5:00 p.m. A dependent job for end of week (EOW) processing could also set up that is scheduled to run on Friday after the EOD job is completed. A third job called EOWCHECK (end of week check) could be set up whose only purpose is to change the completion flag on the EOD job from *YES to *NO. This EOWCHECK job would run prior to 5:00 p.m. on Friday. The reason you would want to do this is to allow the EOW job to run on Friday after the EOD job is completed. The following command string could be used to accomplish this:

```
SETDEPJS PREDJOB(EOD) SUCCJOB(EOW) COMPLETE(*NO)
```

**Parameters**

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PREDJOB</strong></td>
<td>Predecessor job entry</td>
<td><code>Element list</code></td>
<td>Required, Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td><code>Name</code></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td><code>Name, *NONE</code></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td><code>1-99, *NONE</code></td>
<td></td>
</tr>
<tr>
<td><strong>SUCCJOB</strong></td>
<td>Successor job entry</td>
<td>Single values: *ALL Other values: <code>Element list</code></td>
<td>Optional, Positional 2</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td><code>Name</code></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td><code>Name, *NONE</code></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td><code>1-99, *NONE</code></td>
<td></td>
</tr>
<tr>
<td><strong>COMPLETE</strong></td>
<td>Complete</td>
<td>*YES, *NO</td>
<td>Optional</td>
</tr>
</tbody>
</table>

**Predecessor job entry (PREDJOB)**

Specifies the name of the predecessor job schedule entry that you want to change. You must specify a job for every job and optionally can specify a group to which the job belongs as well as a sequence number for the job within the group.

The first job of a group must be sequence number 1. Subsequent sequence numbers should leave gaps (10, 20, 30 and so on) to allow job insertions if necessary.

This is a required parameter.
Element 1: Job

name  Specify the user-defined name of the predecessor job schedule entry that you want to change.

Element 2: Group

*NONE  The job is not assigned to a group.

name  Specify the user-defined name of the group to which the job belongs.

Element 3: Group sequence

*NONE  There is not a sequence number assigned to the job.

1-99  Specify the sequence number of the job within the group. Sequence numbers can range from 1 to 99.

Successor job entry (SUCCJOB)

Specifies the name of the successor job schedule entry that you want to change. You must specify a job for every job and alternately can specify a group to which the job belongs as well as a sequence number for the job within the group.

The first job of a group must be sequence number 1. Subsequent sequence numbers should leave gaps (10, 20, 30 and so on) to allow job insertions if necessary.

Single values

*ALL  All successor jobs are included in the jobs that you are changing.

Element 1: Job

name  Specify the user-defined name of the successor job schedule entry that you want to change.

Element 2: Group

*NONE  The job does not belong to a group.

name  Specify the user-defined name of the group to which the job belongs.

Element 3: Group sequence

*NONE  The job does not have a sequence number

1-99  Specify the sequence number of the job within the group.

Complete (COMPLETE)

Specifies whether you want to change the completion flag for a predecessor job from completed (*YES) or not completed (*NO) or vice versa.

*YES  Change the completion flag to *YES.
*NO  Change the completion flag to *NO.

Examples

Example 1: Changing a Predecessor Job
SETDEPJS  PREDJOB(JOB10)  SUCCJOB(JOB11)

This command sets job JOB10 to processed, thus freeing JOB11 to run as a successor job to JOB10.

Example 2: Triggering End-of-Week Processing
SETDEPJS  PREDJOB(EOD)  SUCCJOB(EOW)  COMPLETE(*NO)

This command sets up an end-of-day (EOD) job that runs every week day at 5:00 p.m. A dependent (successor) job for end-of-week (EOW) processing could also be set up that is scheduled to run on Friday after the EOD job is completed. A third job called EOWCHECK (end of week check) could be set up whose only purpose is to change the completion flag on the EOD job from *YES to *NO. This EOWCHECK job would run prior to 5:00 p.m. on Friday. The reason you would want to do this is to allow the EOW job to run on Friday after the EOD job is completed. This command would be used in the EOWCHECK job.

Error messages

Unknown
Set step using JS (SETSTPJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Set Step using Job Scheduler (SETSTPJS) command display allows you to label steps in your application for logging purposes. For example, you may wish to set a step in your program at the start of a backup or when a backup completes. You can label the step "Backup beginning" or "Backup complete" and set LOG to *YES. This will output the text to the JS log once the step is reached.

If you want to see your steps for an application, you can view them in three places. These include:

Advanced Job Scheduler for Wireless
Steps are displayed in the details for an active job. From the Advanced Job Scheduler for Wireless Main Menu, select Jobs, then Active, and then the job whose steps you want to view. Select Details from the job options list. The details for the job are displayed. The step text is displayed next to Step.

DSPJOBJS
From the DSPJOBJS command, key option 5 next to the job whose steps you want to view. The details for the job are displayed. The step text is displayed next to Step.

iSeries Navigator
The step information for a job is displayed in the Job Properties dialog box. Right-click on a job and select Properties. Go to the Last Run tab. The step information is displayed next to Command step. This information also applies to Scheduled Job Activity.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEXT</td>
<td>Text</td>
<td>Character value, *NONE</td>
<td>Optional, Positional 1</td>
</tr>
<tr>
<td>LOG</td>
<td>Log</td>
<td>*YES, *NO</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Text (TEXT)

Specifies a text description for the step. This will also be sent to the Job Scheduler (JS) log if *YES if specified for the Log parameter.

*NONE
There is no text associated with this step.

character-value
Specify the text for the step. This text will also be displayed in the JS log, if the step is logged.
Log (LOG)

Specifies if you want to send the step text to the Job Scheduler log.

*NO You do not want to log the step.

*YES You do want to log the step.

Examples

None

Error messages

Unknown
Send Distribution using JS (SNDDSTJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Send Distribution using JS (SNDDSTJS) command allows you to send a spooled file attached to a new distribution message to a recipient or escalation list. The recipient information can be specified explicitly or retrieved from a spooled file.

Note: The graphical user interface must be used to display messages and stop escalation.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCP</td>
<td>Recipient</td>
<td>Single values: *NONE, *SPLF, *ONCALL Other values (up to 50 repetitions): Name</td>
<td>Required, Positional 1</td>
</tr>
<tr>
<td>SUBJECT</td>
<td>Subject</td>
<td>Character value, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>MSG</td>
<td>Message</td>
<td>Character value, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>ESCALATION</td>
<td>Escalation list</td>
<td>Character value, *NONE, *RCP</td>
<td>Optional</td>
</tr>
<tr>
<td>RTNINTNET</td>
<td>Return Internet address</td>
<td>Character value, *RTNDFT</td>
<td>Optional</td>
</tr>
<tr>
<td>SPLF</td>
<td>Spooled file</td>
<td>Name, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>JOB</td>
<td>Job name</td>
<td>Single values: * Other values: Qualified job name</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Qualifier 1: Job name</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Qualifier 2: User</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Qualifier 3: Number</td>
<td>000000-999999</td>
<td></td>
</tr>
<tr>
<td>SPLNBR</td>
<td>Spooled file number</td>
<td>Integer, *ONLY, *LAST</td>
<td>Optional</td>
</tr>
<tr>
<td>PAGERANGE</td>
<td>Page range to send</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Starting page</td>
<td>1-99999999, 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Ending page</td>
<td>1-99999999, *END</td>
<td></td>
</tr>
<tr>
<td>SLTTXT</td>
<td>Page selection</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Selection text</td>
<td>Character value, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Line number</td>
<td>0-256</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Starting position</td>
<td>0-256</td>
<td></td>
</tr>
<tr>
<td>ATTACH</td>
<td>Attachment name</td>
<td>Name, *SPLF, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>SUFFIX</td>
<td>Attachment suffix</td>
<td>Character value, PDF</td>
<td>Optional</td>
</tr>
<tr>
<td>RMVSPLF</td>
<td>Remove spooled file</td>
<td>*NO, *YES</td>
<td>Optional</td>
</tr>
<tr>
<td>TOINTNET</td>
<td>Internet address</td>
<td>Values (up to 50 repetitions): Character value, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>ADRLOC</td>
<td>Address location</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Line number</td>
<td>0-256, *TEXT</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Starting position</td>
<td>0-256, *AFTER</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Length</td>
<td>0-60</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 4: Text</td>
<td>Character value</td>
<td></td>
</tr>
</tbody>
</table>
### Recipient (RCP)

Specifies the recipient to whom you want to send the distribution message.

**Note:** The graphical user interface must be used to create and update e-mail information for recipients.

This is a required parameter.

**Single values**

*NONE

There is no recipient specified for the distribution message. An internet address must be specified.

*SPLF

The recipient information is retrieved from the attached spooled file.

*ONCALL

Only recipients that are on-call will receive the message.

**Other values (up to 50 repetitions)**

*name* Specify the name of the recipient. Press F4 when prompting this command to select from a list of existing recipients.

### Subject (SUBJECT)

Specifies the subject for the distribution message.

*NONE

There is no subject for the distribution message.

*character-value

Specify the subject for the distribution message.

### Message (MSG)

Specifies the message text for the distribution message.

**Note:** Use &N within the message to force the message to a new line.

*NONE

There is no message body for the distribution message.

*character-value

Specify the message body for the distribution message.
Escalation list (ESCALATION)

Specifies the escalation list for the distribution message.

Note: The graphical user interface must be used to maintain escalation lists.

*RCP The escalation list associated with the recipient is used for the distribution message.

*NONE No escalation list is used for the distribution message.

character-value Specify the name of the escalation list for the distribution message.

Return Internet address (RTNINTNET)

Specifies the return internet address (i.e. e-mail address) for the distribution message.

*RTNDFT Use the return internet address specified in the e-mail properties.

character-value Specify the return e-mail address for the distribution message.

Spooled file (SPLF)

Specifies the spooled file that you want to attach to the distribution message.

Note: Spooled files that contain graphics cannot be used.

*NONE You do not want to send a spooled file with the distribution message.

name Specify the name of the spooled file to attach to the distribution message.

Job name (JOB)

Specifies the name of the job that created the spooled file attached to the distribution message.

Single values

* The job that created the spooled file issued this command.

Qualifier 1: Job name

name Specify the name of the job that contains the spooled file.

Qualifier 2: User

name Specify the name of the user from which the spooled file originated.
Qualifier 3: Number
000000-999999

Specify a number between 000000 and 999999, which is the system-assigned job number.

---

**Spooled file number (SPLNBR)**

Specifies the unique number of the spooled file attached to the distribution message.

**ONLY**

Only one spooled file in the job has the specified file name; therefore, the number of the spooled file is not necessary.

**LAST**

If there is more than one spooled file with the specified file name, the one with the highest number is the file that is sent.

**integer**

Specify the number of the spooled file that matches the file you want to send.

---

**Page range to send (PAGERANGE)**

Specifies the page range to send.

**Element 1: Starting page**

**1**

The first page of the spooled file.

**starting-page**

Specify the starting page to send.

**Element 2: Ending page**

**END**

The last page of the file is the ending page to send.

**ending-page**

Specify the ending page to send.

---

**Page selection (SLTTXT)**

Specifies the text contained within a page of the spooled file that you want to select to attach to the distribution message.

**Note:** To search the entire page for the selection text do not specify a line number or starting position.

**Element 1: Selection text**

**NONE**

The entire spooled file will be sent.

**character-value**

Specify the text within a page of the spooled file that you want to attach to a distribution
message. For example, you can specify SLTTXT(‘Account - 1234’), and Advanced Job Scheduler will select out the pages that contain ‘Account - 1234’ to send to the recipient you have specified.

Element 2: Line number
0-256 Specify the line number within the spooled file.

Element 3: Starting position
0-256 Specify the starting position within the spooled file.

Attachment name (ATTACH)
Specifies the name to be used for the distribution message attachment.

*SPLF The attachment file name is the name specified for the Spooled file (SPLF) parameter.

*NONE No attachment file name is specified. The spooled file will be embedded into the body of the message.

name Specify the name for the spooled file attachment.

Attachment suffix (SUFFIX)
Specify the extension name for the spooled file attachment. You can specify any 3 or 4 character extension for your spooled file. The default extension is PDF for a portable document format attachment conversion. However, changing the extension does not necessarily change the actual format of the file itself. For example, if you were to change the extension to TXT, the attached file would only have the characteristics of a text file attachment when mailed, and not be an actual text file itself. This will only work if you have an actual text file on your system that you need to attach to an e-mail.

Note: Apart from PDF, TXT is the only extension that will convert correctly to an e-mail attachment.

PDF The attachment is converted to a PDF (Portable Document Format) file.

character-value Specify the file extension for the spooled file attachment.

Remove spooled file (RMVSPLF)
Specifies if you want to remove the spooled file attachment from your system after the distribution message has completed.

*NO You do not wish to remove the spooled file after the message has completed.

*YES You do wish to remove the spooled file after the message is completed.
Internet address (TOINTNET)

Specifies the internet address (i.e. e-mail address) for the distribution message.

*NONE

There is no internet address for this message.

character-value

Specify the internet address for the distribution message.

Address location (ADRLOC)

Specifies the parameters that you want to use to find the address information (i.e. e-mail addresses) for the distribution message. This includes the line number within the spooled file, the starting position, the length, and the search text. An e-mail address can be extracted from each page of the spooled file or can be retrieved using an exit program and the value extracted from each page of the spooled file. For example, you can specify that the e-mail address for the invoice is always on line 3, position 45 for a length of 40. Or you can specify that the e-mail address is found after the word 'Email:' for a length of 40. Or you can specify that the account number for a customer is found after the word 'Account:' for a length of 10 and the exit program to retrieve the e-mail address for the account number extracted.

Element 1: Line number

*TEXT

You will use search text to identify the address information.

0-256 Specify the line number within the spooled file.

Element 2: Starting position

*AFTER

The starting position will be the first character after the located search text.

0-256 Specify the starting position within the spooled file.

Element 3: Length

0-60 Specify the length of the address information.

Element 4: Text

character-value

Specify the text to search for within the spooled file.

Exit program (PGM)

Specifies the program that Advanced Job Scheduler will use to retrieve the address. The ADRLOC parameter will be used to located the key information that the program will need to find the address information. This user-written program must have 2 parameters. The first is a 60-byte character parameter. It will contain the value extracted from the spooled file based on the line number, starting position and length. The second is a 256-byte character parameter. It should return the e-mail address to use when sending that page of the spooled file. It should return blanks if no address is found.

Single values
**NONE**
No program is used to retrieve the address.

**Qualifier 1: Exit program**

*name* Specify the name of the exit program.

**Qualifier 2: Library**

*LIBL* The library list is used to locate the program.

*CURLIB*
The current library is used to locate the program. If no current library is defined for the job, QGPL library is used.

*name* Specify the name of the library where the exit program is located.

---

**Examples**

```plaintext
SNDDSTJS  SPLF(QPINVOICE)  JOB(*)  SPLNBR(*LAST)
  MSG('Attached is your invoice.')
  PGM(MYLIB/PGMEXIT)  ADRLOC(5 3 10)
```

This command sends the most-recently created spooled file named QPINVOICE for the current job as an e-mail attachment. The exit program PGMEXIT in library MYLIB will be invoked. The account number is found on line 5 of each page of the spooled file, in position 3 and is 10 in length. The program is called to retrieve the e-mail address for the account number found in the spooled file.

---

**Error messages**

Unknown
Send Reports using JS (SNDRPTJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Send Reports using Job Scheduler (SNDRPTJS) command allows you to distribute reports to a specified report distribution ID as part of Advanced Job Scheduler’s report distribution function. This command can be used outside of Advanced Job Scheduler in a user’s control language program for distributing reports specified in the report distribution ID to the specified recipients.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPTDSTID</td>
<td>Report distribution ID</td>
<td>Name</td>
<td>Required, Positional 1</td>
</tr>
<tr>
<td>JOB</td>
<td>Job</td>
<td>Single values: *</td>
<td>Other values: Qualified job name</td>
</tr>
<tr>
<td>Qualifier 1: Job</td>
<td>Name</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Qualifier 2: User</td>
<td>Name</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Qualifier 3: Number</td>
<td>000000-999999</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Report distribution ID (RPTDSTID)

Specifies the report distribution ID whose entries are used when distributing spooled files created by the specified job.

This is a required parameter.

name Specify the name of the report distribution ID.

Job (JOB)

Specifies the name of the user job whose spooled files are being distributed.

Single values

* The current job is the job whose spooled files you want to distribute.

Qualifier 1: Job

name Specify the name of the job that has spooled files you want to distribute.

Qualifier 2: User

name Specify the name that identifies the user profile under which the job is run.
Qualifier 3: Number

000000-999999

Specify the job number assigned by the system.

Examples

SNDRPTJS  RPTDSTID(GLEOM)

This command distributes a job using report distribution ID GLEOM.

Error messages

Unknown
Start Group using JS (STRGRPJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Start Group using Job Scheduler (STRGRPJS) command allows you to start a job group. The group will start with the first job you specify and submit all jobs that follow the job. For instance, if a group contains 10 jobs, and you specify sequence number 5 for the Job (JOB) parameter, then jobs 5 through 10 will be submitted as a result of the STRGRPJS command. If you want to process the entire group, you should specify the name of the job that has sequence number 1. You can specify the submission time and parameter data associated with the group.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Required, Key, Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99</td>
<td></td>
</tr>
<tr>
<td>TIME</td>
<td>Submit time</td>
<td>*SCHED, *IMMED</td>
<td>Optional, Positional 2</td>
</tr>
<tr>
<td>PARM</td>
<td>Parameters</td>
<td>Single values: *NONE Other values (up to 50 repetitions): Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Parameter name</td>
<td>Name</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Parameter data</td>
<td>Character value</td>
<td></td>
</tr>
</tbody>
</table>

Job entry (JOB)

Specifies the name of the job, the group of which the job is a member and the sequence of the job within the group. You must specify all elements of the parameter.

This is a required parameter.

Element 1: Job

name Specify the name of the job in the group that you want to submit.

Element 2: Group

name Specify the name of the group that you are starting.

Element 3: Group sequence

1-99 Specify the sequence number of the job in the group that you want to start processing.
Submit time (TIME)

Specifies the time that you want this group to be submitted. A group can be submitted immediately or at the next scheduled time.

*SCHED

The group is to be submitted by Advanced Job Scheduler at the next scheduled time.

*IMMED

The group is submitted immediately. This is the default for a sequence number greater than 1.

Parameters (PARM)

Specifies the name of the parameter that you want to use for the submitted group. Parameters that you specify must be defined in Advanced Job Scheduler.

Any character is valid for entry into this field. Validity will be checked to the extent of the use of the parameter within your programs or of the Advanced Job Scheduler job when submitted. The number of characters in the parameter data should correspond with the length placed in the Parameter length field when the parameter was added to Advanced Job Scheduler. Data entered in shorter length than the Parameter length field will pass data padded with blanks to the length of the parameter. Leading blanks and embedded blanks will be passed to the parameter in your request data exactly as keyed. Apostrophes (‘) used in parameter data must appear in pairs to be valid. If only one apostrophe is used, the parameter will be rejected with the error “Quotes (‘) in Parameter Data Must Appear In Pairs”. You must correct this error before continuing.

Single values

*NONE

The group that you are submitting does require any parameters entered here.

Other values (up to 50 repetitions)

Element 1: Parameter name

name  Specify the parameter that you want to use with this group.

Element 2: Parameter data

character-value  Specify the parameter data for the parameter.

Examples

STRGRPJS  JOB(JOB02 APDAILY 20)  TIME(*IMMED)

This command starts a group called APDAILY immediately, starting with the job sequence number 20.

Error messages

Unknown
Start Job Scheduler (STRJS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

The Start Job Scheduler (STRJS) command allows you to start the Advanced Job Scheduler job monitor or capture job information for application software. If you start the job monitor and there are jobs with scheduled dates and times less than the current date and time, you are transferred to the Start Monitor display where you can choose whether you want to start the Advanced Job Scheduler monitor without reviewing scheduled jobs or delay starting the monitor until after you have reviewed the pending jobs.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPTION</td>
<td>Option</td>
<td>*MONITOR, *CAPTURE</td>
<td>Optional, Positional 1</td>
</tr>
<tr>
<td>DTALIB</td>
<td>Data library</td>
<td>Name, *ALL, *USRPRF, *PROMPT</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Option (OPTION)

Specifies whether you want to start the Advanced Job Scheduler monitor or you want to begin capturing job information.

*MONITOR
Start the Advanced Job Scheduler monitor.

*CAPTURE
Begin capturing job information for application software.

Data library (DTALIB)

Specify the data library that you want to start monitoring for Advanced Job Scheduler.

*USRPRF
The data library specified in the user profile for the current user will be used.

*ALL
All existing data libraries will be used.

*PROMPT
The data library is supplied through prompting.

name
Specify the name of the data library that you want to use.
Examples

STRJS  OPTION(*MONITOR)

This command starts the Job Scheduler monitor. The monitor stays active until you run the End Job Scheduler (ENDJS) command.

Error messages

Unknown
Work with History using JS (WRKHSTJS)

Where allowed to run: Interactive environments (*INTERACT
*pgm *irexx *exec)
Threadsafe: No

The Work with History using Job Scheduler (WRKHSTJS) command allows you to work with job completion history based on specified completion status, date ranges and sequences. The Work with History using Job Scheduler command takes you to the Work with History display which shows the job information, last run information and completion status for jobs based on the parameters you have selected in the WRKHSTJS command.

Parameters

<table>
<thead>
<tr>
<th>Keyword</th>
<th>Description</th>
<th>Choices</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOB</td>
<td>Job entry</td>
<td>Element list</td>
<td>Optional, positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Generic name, name, *ALL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Generic name, name, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td>STATUS</td>
<td>Completion status</td>
<td>Single values: *ALL</td>
<td>Optional</td>
</tr>
<tr>
<td>PERIOD</td>
<td>Time period for history output</td>
<td>Element list</td>
<td>Optional</td>
</tr>
<tr>
<td></td>
<td>Element 1: Start time and date</td>
<td>Element list</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 1: Beginning time</td>
<td>Time, *AVAIL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Beginning date</td>
<td>Character value, *CURRENT, *BEGIN</td>
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</tr>
<tr>
<td></td>
<td>Element 2: End time and date</td>
<td>Element list</td>
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<tr>
<td></td>
<td>Element 1: Ending time</td>
<td>Time, *AVAIL</td>
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<tr>
<td></td>
<td>Element 2: Ending date</td>
<td>Character value, *CURRENT, *END</td>
<td></td>
</tr>
<tr>
<td>RMTLOCNAME</td>
<td>Remote location name</td>
<td>Name, *ALL, *LCL, *JOBCTL</td>
<td>Optional</td>
</tr>
<tr>
<td>SEQOPT</td>
<td>Sequence option</td>
<td>*DATE, *JOB, *GROUP</td>
<td>Optional</td>
</tr>
<tr>
<td>START</td>
<td>Entries to display first</td>
<td>*LAST, *FIRST</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Job entry (JOB)

Specifies the name of the job or jobs that you want to work with. You can specify a group and associated sequence numbers for the jobs whose history you want to work with. You can sequence the display by job, by date or by group. When you press Enter, you are taken to the Work with History display where you can perform various actions on the selected job history information.

Element 1: Job
*ALL  You want to work with Advanced Job Scheduler history for all jobs that meet the criteria specified in the command.

generic-name  The job is generic. For example, specifying JOB* would cause all jobs whose names begin with JOB to be included in the Work with History display.

name  Specify the name of the job that you want to work with.

Element 2: Group

*ALL  You want to work with Advanced Job Scheduler history for all jobs that are members of any group.

*NONE  The job is not a member of a group.

generic-name  The group is generic. For example, specifying GROUP* would cause all groups whose names begin with GROUP to be included in the Work with History display.

name  Specify the name of the group for which you want to work with.

Element 3: Group sequence

*ALL  All sequence numbers should be included in the jobs that you want to work with.

*NONE  The job does not have a sequence number.

1-99  Specify the sequence number of the job that you want to work with.

Completion status (STATUS)

Specifies the completion status that you want to use when displaying the Advanced Job Scheduler history information.

Single values

*ALL  Include all jobs in the Work with History display regardless of completion status.

Other values (up to 7 repetitions)

*NORMAL  The job came to normal end of job completion.

*ABNORMAL  The job completed abnormally. The Advanced Job Scheduler log can be used to determine why the job ended abnormally.

*ABNGRP  The group ended abnormally. This completion status applies to all jobs in the group that did not process because a previous job group did not run successfully.

*SBMERROR  The job did not run successfully because there was an error in the job submission. An example of a submission error would be a job submitted by a user who did not have the proper authority to submit the job.

*PROCESS  The job is currently in process on the system.
*JOBQ
The job is currently in the job queue waiting for processing.

*CANCELLED
The job was cancelled prior to its completion.

*RESET
The job was manually reset.

---

**Time period for history output (PERIOD)**

Specifies the period of time for which the history entries are selected for the display.

**Element 1: Start time and date**

Specifies the beginning time and date at or after which history entries are to be included. Any jobs started before the specified time and date are not included in the display.

**Element 1: Beginning time**

*AVAIL
Any time that is available for the beginning date is included.

time
Specify the beginning time for the specified beginning date that indicates which history entries are to be included.

The time is specified in 24-hour format and can be specified with or without a time separator:

- Without a time separator, specify a string of 4 digits (hhmm) where hh=hours and mm=minutes. Hours and minutes must each be exactly 2 digits (using leading zeros if necessary).
- With a time separator, specify a string of 5 digits where the time separator specified for your job is used to separate the hours, minutes, and seconds. If you enter this command from the command line, the string must be enclosed in apostrophes. If a time separator other than the separator specified for your job is used, this command will fail.

**Element 2: Beginning date**

*BEGIN
History entries from the beginning of the history entries are included.

*CURRENT
History entries with a current date run date and between the specified beginning and ending times (if specified) are included.

date
Specify the beginning date. The date must be specified in the job date format.

number
Specify a number to represent the number of days before the current date that you want to use for the search. An example would be 10. If today’s date were 3/12/01 (date format is mm/dd/yy), the Begin date for the Advanced Job Scheduler history would be 3/2/01.
Element 2: End time and date

Specifies the ending time and date before which history entries are included. Any job completion times after the specified time and date are not included in the history entries for the display.

Element 1: Ending time

*AVAIL
Any time that is available for the ending date is included.

time Specify the ending time for the specified ending date that indicates which history entries are to be included.

Element 2: Ending date

*END The history entries to the end of the history information are included in the display.

*CURRENT History entries whose run date is on or before the current date are included in the display.

date Specify the ending date. The date must be specified in the job date format.

number Specify a number to represent the number of days before the current date that you want to use for the search. An example would be 10. If today’s date were 3/22/01 (date format is mm/dd/yy), the End date for the Advanced Job Scheduler history would be 3/12/01.

Remote location name (RMTLOCNAME)

Specifies the remote location and network identification of the system that created the job history that you want to work with.

*ALL Selects all job history for all systems in the network.

*LCL Selects all job history for the local system.

*JOBCTL Selects all job history using *JOBCTL as the remote location name.

remote-location-name Specify the name of the remote location associated with the system whose job history you want to work with.

network-ID.remote location-name Specify the network identifier and the name of the remote location associated with the system. Specify these values using the format nnnnnnnn.cccccccc where nnnnnnnn is the network identifier and cccccccc is the remote location name.
**Sequence option (SEQOPT)**

The Work with History display can be sequenced several ways.

**DATE**  
Sequences the Work with History display by date.

**JOB**  
Sequences the Work with History display by job.

**GROUP**  
Sequences the Work with History display by group.

**Entries to display first (START)**

Specifies whether the newest job history entries or the oldest job history entries are shown first. The display station user can roll the display up or down to see other job history entries if the job history entry is on another display screen.

**LAST**  
The last (newest) job history is shown on the bottom line of the display.

**FIRST**  
The first (oldest) job history is shown on the top line of the display.

**Examples**

WRKHSTJS  SEQOPT(*JOB)

This command displays the Work with History panel for all jobs and all groups, sequenced by job.

**Error messages**

Unknown
Work with Jobs using JS (WRKJOBJS)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

The Work with Jobs using Job Scheduler (WRKJOBJS) command allows you to work with a single job, groups of jobs or all jobs that you have set up in Advanced Job Scheduler. You can sequence the display by job, by date or by group.

When you select jobs that you want to work with, you are taken to the Work with Jobs display. From this display you can perform most job related functions.

Parameters

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<td>Job entry</td>
<td>Element list</td>
<td>Optional, Positional 1</td>
</tr>
<tr>
<td></td>
<td>Element 1: Job</td>
<td>Generic name, name, *ALL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 2: Group</td>
<td>Generic name, name, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Element 3: Group sequence</td>
<td>1-99, *ALL, *NONE</td>
<td></td>
</tr>
<tr>
<td>APP</td>
<td>Application</td>
<td>Generic name, name, *ALL, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>CAL</td>
<td>Calendar</td>
<td>Generic name, name, *ALL, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>HDYCAL</td>
<td>Holiday calendar</td>
<td>Generic name, name, *ALL, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>FSCCAL</td>
<td>Fiscal calendar</td>
<td>Generic name, name, *ALL, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>RMTLOCNANE</td>
<td>Remote location name</td>
<td>Name, *ALL, *LCL, *JOBCTL</td>
<td>Optional</td>
</tr>
<tr>
<td>RPTDSTID</td>
<td>Report distribution ID</td>
<td>Generic name, name, *ALL, *NONE</td>
<td>Optional</td>
</tr>
<tr>
<td>TEXT</td>
<td>Text</td>
<td>Character value, *ALL, *NONE, *generic</td>
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</tr>
<tr>
<td>CMD</td>
<td>Command request</td>
<td>Character value, *ALL, *NONE, *generic</td>
<td>Optional</td>
</tr>
<tr>
<td>SEQ</td>
<td>Sequence</td>
<td>*JOB, *DATE, *GROUP</td>
<td>Optional</td>
</tr>
</tbody>
</table>

Job entry (JOB)

Specifies that you want to work with a single job, a generic group of jobs or all jobs. You can specify a single job with a generic group, all jobs with a single group and so on.

Element 1: Job
**ALL** Work with all jobs that meet the other parameter specifications.

*generic-name* Specify the generic name of the jobs that you want to work with. A generic name is a character string that contains one or more characters followed by an asterisk (*). If an * is not specified with the name, the system assumes that the name is a complete job.

*name* Specify the name of the job that you want to work with.

**Element 2: Group**

*ALL* All groups to which the specified job or jobs are members are included in the Work with Jobs display.

*NONE* There is no group associated with the job or jobs.

*generic-name* Specify the generic name of the group that you want to work with. A generic name is a character string that contains one or more characters followed by an asterisk (*). If an * is not specified with the name, the system assumes that the name is a complete group.

*name* Specify the name of the group that contains the job or jobs that you want to work with.

**Element 3: Group sequence**

*ALL* All sequence numbers for the specified group or groups are included in the Work with Jobs display.

*NONE* There is no sequence number associated with the job.

1-99 Specify the sequence number of the job within the group or groups that you want to work with.

**Application (APP)**

Specifies the name of the application that you want to work with.

*ALL* All the application entries that meet this command’s other parameter values are shown on the Work with Jobs display.

*NONE* The job is not assigned to an application.

*generic-name* Specify the generic name of the application. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with application names that begin with the generic name are displayed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete application name.

*name* Specify the user-defined name of the application you want to work with.

**Schedule code (SCDCDE)**

Specifies the schedule code or schedule name for the job or jobs that you want to work with.
*ALL  All the schedule code entries that meet this command’s other parameter values are shown on the Work with Jobs display.

*DAILY  The job or jobs that you want to work with are scheduled to run using the *DAILY schedule code.

*CALENDAR  The job or jobs that you want to work with are scheduled to run using the *CALENDAR schedule code.

*DATE  The job or jobs that you want to work with are scheduled to run using the *DATE schedule code.

*DAY  The job or jobs that you want to work with are scheduled to run using the *DAY schedule code.

*NUMDAY  The job or jobs that you want to work with are scheduled to run using the *NUMDAY schedule code.

*MINUTES  The job or jobs that you want to work with are scheduled to run using the *MINUTES schedule code.

*ONCE  The job or jobs that you want to work with are scheduled to run using the *ONCE schedule code.

*MONTEND  The job or jobs that you want to work with are scheduled to run using the *MONTEND schedule code.

*FIRST  The job or jobs that you want to work with are scheduled to run using the *FIRST schedule code.

*SECOND  The job or jobs that you want to work with are scheduled to run using the *SECOND schedule code.

*THIRD  The job or jobs that you want to work with are scheduled to run using the *THIRD schedule code.

*FOURTH  The job or jobs that you want to work with are scheduled to run using the *FOURTH schedule code.

*FIFTH  The job or jobs that you want to work with are scheduled to run using the *FIFTH schedule code. If there is not a fifth occurrence in a month, the job will not run and will be scheduled for the next time there is a fifth occurrence of a selected day in a month.

*LAST  The job or jobs that you want to work with are scheduled to run using the *LAST schedule code.

*FIRSTWRK  The job or jobs that you want to work with are scheduled to run using the *FIRSTWRK schedule code.

*LASTWRK  The job or jobs that you want to work with are scheduled to run using the *LASTWRK schedule code.
*ALTERNATE
   The job or jobs that you want to work with are scheduled to run using the *ALTERNATE
   schedule code.

*TEMP
   The job or jobs that you want to work with are temporary jobs, created as a result of processing
   the SBMJOBJS command.

*NONE
   The job is not a scheduled job. It can be a member of a group job waiting for submission, a job
   waiting for a predecessor job to run, or a job waiting for manual submission by a user.

   Note: The schedule code *NONE replaces the schedule code *DEPJOB which was used in releases
   prior to V4R2.

character-value
   The job or jobs that you want to work with are scheduled to run using the specified schedule or
   the schedule code found in the specified schedule. For instance, user-defined schedule
   MONTHLY1 uses schedule code *DAY. By specifying MONTHLY1 all jobs using MONTHLY1 as
   the schedule or *DAY as the schedule code would be listed.

---

Calendar (CAL)

Specifies the name of the calendar for the jobs that you want to work with.

*ALL    All the calendar entries that meet this command’s other parameter values are shown on the
display.

*NONE   A calendar is not assigned to the job.

generic-name
   Specify the generic name of the calendar. A generic name is a character string of one or more
   characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all
   entries with calendar names that begin with the generic name are displayed. If an asterisk is not
   included with the generic (prefix) name, the system assumes it to be the complete calendar name.

name    Specify the user-defined name of the calendar you want to work with.

---

Holiday calendar (HDYCAL)

Specifies the name of the holiday calendar for the jobs that you want to work with.

*ALL    All the holiday calendar entries that meet this command’s other parameter values are shown on
the display.

*NONE   A holiday calendar is not assigned to the job.

generic-name
   Specify the generic name of the holiday calendar. A generic name is a character string of one or
   more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified,
   then all entries with holiday calendar names that begin with the generic name are displayed. If an
   asterisk is not included with the generic (prefix) name, the system assumes it to be the
   complete holiday calendar name.

name    Specify the user-defined name of the holiday calendar for the jobs that you want to work with.
**Fiscal calendar (FSCCAL)**

Specifies the name of the fiscal year calendar for the jobs that you want to work with.

*ALL  All the fiscal calendar entries that meet this command’s other parameter values are shown on the display.

*NONE  A fiscal calendar is not assigned to the job.

generic-name  
Specify the generic name of the fiscal calendar. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If the generic name is specified, then all entries with fiscal calendar names that begin with the generic name are displayed. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete fiscal calendar name.

name  Specify the user-defined name of the fiscal calendar for the jobs that you want to work with.

**Remote location name (RMTLOCNAME)**

Specifies the remote location and network identification of the system that created the job entry that you want to work with.

*ALL  Selects all job entries for all systems in the network.

*LCL  Selects all job entries for the local system.

*JOBCTL  Selects all job entries using *JOBCTL as the remote location name.

remote-location-name  Specify the name of the remote location associated with the system whose job entries you want to work with.

network-ID.remote-location-name  Specify the network identifier and the name of the remote location associated with the system. Specify these values using the format nnnnnnnn.cccccccc where nnnnnnnn is the network identifier and cccccccc is the remote location name.

**Report distribution ID (RPTDSTID)**

Specifies the identifier of the report distribution names for the jobs that you want to work with.

*ALL  All the report distribution ID’s that meet this command’s other parameter values are shown on the display.

*NONE  You do not want to include any jobs with report distribution ID’s in the display.

generic-name  The report distribution ID is generic. For example, specifying ACT* would cause all jobs whose report distribution ID begins with the characters ACT to be included.
**name**  Specify the report distribution ID for the jobs that you want to work with.

### Library list (LIBL)

Specifies the name of the library list that you want to work with. If you want to select a library list name from a list when prompting this command, place the cursor on this parameter and press F4.

- **ALL**  Include all jobs regardless of library list in the display.
- **JOBCTL**  Include only those jobs whose library list is *JOBCTL in the display.
- **JOBD**  Include only those jobs whose library list is *JOBD in the display.
- **SYSVAL**  Include only those jobs whose library list is *SYSVAL in the display.
- **NONE**  Include only those jobs whose library list is *NONE in the display.

**generic-name**  The library list name is generic. For example, specifying LIB* would cause all jobs whose library lists begin with the characters LIB to be included.

**name**  Specify the name of the library list that you want to include in the display.

### Job status (STATUS)

Specifies the status code of the jobs that you want to work with.

- **ALL**  Include all jobs that meet the specifications of the other parameters.
- **READY**  Include only jobs whose job status is *READY in the Work with Jobs display. Jobs with job status *READY are jobs that are waiting to be processed at their next scheduled date and time.
- **DEPW**  Include only jobs whose job status is *DEPW in the Work with Jobs display. Jobs with job status *DEPW are jobs that are waiting to be processed based on another job or event.
- **HELD**  Include only those jobs whose job status is *HELD in the Work with Jobs display. Jobs with job status *HELD have been suspended and will not be processed until released.
- **PROCESS**  Include only those jobs whose job status is *PROCESS in the Work with Jobs display. Jobs with job status *PROCESS are jobs that are currently processing at the time of the display.
- **JOBQ**  Include only those jobs whose job status is *JOBQ in the Work with Jobs display. Jobs with job status *JOBQ are jobs that are on the job queue at the time of the display.
- **SAVED**  Include only those jobs whose job status is *SAVED in the Work with Jobs display. Jobs with job status *SAVED are one time jobs that you have saved for future use.
**Text (TEXT)**

Specifies the text related to the job that you want to work with. You can search for any string of characters, and only those job schedule entries that contain the string of characters in the text are included in the display.

* **ALL**  You want to work with all job schedule entries, regardless of the text.

* **NONE** You want to work with all job schedule entries that have blanks or *NONE for text.

---

**generic-text**

Specify generic text. For example, specifying 'THE JOB*' would cause all text that begins the words 'THE JOB' to be included in the display.

**character-value**

Specify that you want to work with all job schedule entries that have the text string specified.

---

**Command request (CMD)**

Specifies the command request for the jobs that you want to work with. You can include any command request, a string of command characters, or work with entries that have no command request.

* **ALL** You want to work with all job schedule entries, regardless of whether they have a command request.

* **NONE** You want to work with all job schedule entries that have no command request.

---

**generic-command**

Specify generic command information. For example, specifying 'CALL PG*' would cause all command requests that begins the string 'CALL PG' to be included in the display.

**command**

Specify that you want to work with all job schedule entries that have the command request specified.

---

**Sequence (SEQ)**

Specifies the sequence in which you want to work with the selected job schedule entries.

* **JOB**  You want to work with the job schedule entries in job sequence.

* **DATE**  You want to work with the job schedule entries in schedule date sequence.

* **GROUP** You want to work with the job schedule entries in group sequence.

---

**Examples**

WRKJOBJS  SCDCDE(+DAILY)  STATUS(+READY)  SEQ(+DATE)
This command displays the Work with Jobs panel showing all jobs that have a schedule code of *DAILY and a status code of *READY. The jobs are presented in date sequence.

Error messages

Unknown
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