

SPOOL-FILES

File	36	
Op-Sys	OS/390, BS2000/OSD	
Statement	FIND / PROCESS	
Task	OS/390:	Returns a list of all spool files relating to a specific job. We also recommend using this view to determine which fields exist for a job before using the READ-SPOOL view.
	BS2000/OSD:	Displays information concerning a print job.

Common Fields for all Operating Systems

Dictionary Field Name	F/L	Mu	DE	Remarks
ERROR-CODE	N3			
ERROR-TEXT	A58			
NODE	N5		D	
NODE-NAME	A16		D	
JOB-NAME	A8		D	Required for OS/390.
JOB-NUMBER	N7		D	Required for BS2000/OSD if JOB-ID is not supplied.
COPIES	N3		D	
FORM	A8		D	
CHARS	A16		D	
DSNAME	A54		D	
CLASS	A4		D	

Additional fields Supported for OS/390

Dictionary Field Name	F/L	Mu	DE	Remarks
TYPE	A2		D	
DESTINATION-NODE	N5		D	
DESTINATION-REMOTE	N5		D	
RECORD-COUNT	N7		D	
FCB	A4		D	
WRITER	A8		D	
FLASH	A4		D	
PROCNAME	A8		D	
STEPNAME	A8		D	
DDNAME	A8		D	
DATA-SET	N5		D	
HOLD	A3		D	
ACTION	A20		D	
NEW-CLASS	A1		D	Relevant with FUNCTION=CHANGE, RELEASE.
GROUP-ID	A20		D	Valid for JES2 only.
FUNCTION	A8		D	
RECFM	A3		D	
LRECL	N3		D	
TRC	A3		D	
DATA-SET-KEY	N7		D	
NEW-DESTINATION	A8		D	Relevant with FUNCTION=CHANGE.
NEW-FORM	A8		D	Relevant with FUNCTION=CHANGE.
NEW-WRITER	A8		D	Relevant with FUNCTION=CHANGE.
OUTDISP	A6		D	Valid for JES2 only.
IDENTIFIER	A44		D	
NEW-USERID	A8		D	Relevant with FUNCTION=CHANGE
BURST	A3		D	
COMPACT	A8		D	
LINECT	N3		D	
UCS	A4		D	
PRINT-MODE	A4		D	
PAGEDEF	A6		D	
FORMDEF	A6		D	

Additional fields Supported for BS2000/OSD

Dictionary Field Name	F/L	Mu	DE	Remarks
CONTROL-OPTION	A16			
DESTINATION	A8			
DEVICE	A8			
FORM-OVERLAY-BUFFER	A8			
FORM-OVERLAY-BUFFER-SIZE	N3			
NUMBER-OF-PRINTED-LINES	N6			
NUMBER-OF-PRINTED-PAGES	N6			
ORIGINATOR-JOB-ID	A8			
ORIGINATOR-TSN	N5			
PRINT-ELEMENT	A64			
PRINT-ELEMENT-TYPE	A8			
PRINT-ELEMENT-VERSION	A24			
PRINT-ERROR-MESSAGE	A10			
PRIORITY	N3			
ROTATION	A8			
SIZE	A6			
STATUS	A9			
TYPE-NUMBER	N1			
USER	A8			
DIA	A2			
JOB-ID	A8		D	Required if JOB-NUMBER is not supplied.

Relevant Error Codes

Code	Text	OS/390	BS2000/OSD
670	Error in subsystem request	X	
671	Invalid NEW-CLASS	X	
711	Logical Error occurred in Common JES Interface.	X	
712	Request to Common JES Interface failed.	X	
713	Jobname and Job ID missing. One of them required.	X	
715	Duplicate jobnames found. Please specify Job ID.	X	
719	Unable to :1: SYSOUT dataset.	X	
720	Invalid TYPE.	X	
722	Dataset not found	X	
724	Requested job not found	X	X
728	You are not allowed to see this job	X	X
778	Not APF authorized	X	
781	Unable to obtain storage for work area extension.	X	
799	Entire System Server internal error		X
820	Unknown command	X	
830	JES interface not active	X	
833	You are not allowed to alter this job	X	
876	No NEW-field for CHANGE request.	X	
988	Invalid task type detected		X

Field Descriptions

Field Name	Type/Length	Operating System
ACTION	(A20)	OS/390

If the FUNCTION field value was DELETE, CHANGE or RELEASE, the result of the command is returned in this field. If only one dataset is processed, the result is also returned in the field ERROR-TEXT.

Field Name	Type/Length	Operating System
BURST	A3	OS/390

Possible values:

- **YES:** Printed output is to be burst into separate sheets.
- **NO:** Printed output is to be in a continuous fanfold.

Field Name	Type/Length	Operating System
COMPACT	A8	OS/390

The symbolic name of a compaction table.

Field Name	Type/Length	Operating System
DATA-SET-KEY	(N7)	OS/390

Unique dataset identification.

Field Name	Type/Length	Operating System
CHARS	(A16)	OS/390, BS2000/OSD

Four groups of four bytes each taken from JCL: (CHARS=AAAA,BBBB,CCCC,DDDD).

Field Name	Type/Length	Operating System
CLASS	(A4)	OS/390, BS2000/OSD

Output class. For valid classes, ask your system programmer.

Field Name	Type/Length	Operating System
CONTROL-OPTION	(A16)	BS2000/OSD

CONTROL parameter of spool-out job.

Field Name	Type/Length	Operating System
COPIES	(N3)	OS/390, BS2000/OSD

Number of copies.

Field Name	Type/Length	Operating System
DATA-SET	(N5)	OS/390

Dataset number.

Field Name	Type/Length	Operating System
DATA-SET-KEY	(N7)	OS/390

Dataset key.

Field Name	Type/Length	Operating System
DDNAME	(A8)	OS/390

DDname of this dataset given in the JCL.

Field Name	Type/Length	Operating System
DESTINATION	(A8)	BS2000/OSD

Name of device pool.

Field Name	Type/Length	Operating System
DESTINATION-NODE	(N5)	OS/390

Node number of the destination JES system.

Field Name	Type/Length	Operating System
DESTINATION-REMOTE	(N5)	OS/390

Destination ID on the destination node.

Field Name	Type/Length	Operating System
DEVICE	(A8)	BS2000/OSD

Output device.

Field Name	Type/Length	Operating System
DIA	(A2)	BS2000/OSD

Name of slide for laser printer.

Field Name	Type/Length	Operating System
DSNAME	(A54)	OS/390, BS2000/OSD

Name of spool output dataset. In BS2000/OSD: name of printed file.

Field Name	Type/Length	Operating System
FCB	(A4)	OS/390

Forms control buffer.

Field Name	Type/Length	Operating System
FLASH	(A4)	OS/390

Flash for 3800.

Field Name	Type/Length	Operating System
FORM	(A8)	OS/390, BS2000/OSD

Form of the dataset to be printed.

Field Name	Type/Length	Operating System
FORMDEF	A6	OS/390

Name of library member containing statements to specify forms properties for Print Services Facility (PSF).

Field Name	Type/Length	Operating System
FORM-OVERLAY-BUFFER	(A8)	BS2000/OSD

Name of form overlay buffer.

Field Name	Type/Length	Operating System
FORM-OVERLAY-BUFFER-SIZE	(N3)	BS2000/OSD

Size of form overlay buffer.

Field Name	Type/Length	Operating System
FUNCTION	(A8)	OS/390

Function to be performed on the spool file(s). Only JES SYSOUT data sets (TYPE SM or SO) can be deleted, changed or released. Spool data sets of TYPE JL or SI are not SYSOUT data sets and can only be displayed.

Possible options:

Option	Explanation
<blank>	Display information.
DELETE	Delete file(s).
CHANGE	Change output class.
RELEASE	Release from HOLD and, if NEW-CLASS is specified, also change output class (only possible for files in HOLD).

Field Name	Type/Length	Operating System
GROUP-ID	(A20)	OS/390

Output group id for SYSOUT data set (returned for JES2 only).

Field Name	Type/Length	Operating System
HOLD	(A3)	OS/390

Possible values:

Value	Explanation
NO	Dataset is not held.
YES	Dataset is held.

Field Name	Type/Length	Operating System
IDENTIFIER	(A44)	OS/390

Unique identifier for the specified dataset.

Field Name	Type/Length	Operating System
JOB-ID	(A8)	BS2000/OSD

TSN of job.

Field Name	Type/Length	Operating System
JOB-NAME	(A8)	OS/390, BS2000/OSD

Name of job from job card.

Field Name	Type/Length	Operating System
JOB-NUMBER	(N7)	OS/390, BS2000/OSD

Job number assigned by the spooling system.

Field Name	Type/Length	Operating System
LINECT	N3	OS/390

The maximum number of lines JES2 is to print on each page.

Field Name	Type/Length	Operating System
LRECL	(N3)	OS/390

Record length of the spool file.

Field Name	Type/Length	Operating System
NEW-CLASS	(A1)	OS/390

New class specified with the CHANGE or RELEASE function.

Field Name	Type/Length	Operating System
NEW-DESTINATION	(A8)	OS/390

New destination for a SYSOUT dataset. Relevant with FUNCTION=CHANGE.

Field Name	Type/Length	Operating System
NEW-FORM	(A8)	OS/390

New form for SYSOUT dataset. Relevant with FUNCTION=CHANGE.

Field Name	Type/Length	Operating System
NEW-USERID	A8	OS/390

New userid for SYSOUT dataset. Relevant with FUNCTION=CHANGE.

Field Name	Type/Length	Operating System
NEW-WRITER	(A8)	OS/390

New writer program name for SYSOUT dataset. Relevant with FUNCTION=CHANGE.

Field Name	Type/Length	Operating System
NUMBER-OF-PRINTED-LINES	(N6)	BS2000/OSD

Number of printed lines.

Field Name	Type/Length	Operating System
NUMBER-OF-PRINTED-PAGES	(N6)	BS2000/OSD

Number of printed pages.

Field Name	Type/Length	Operating System
ORIGINATOR-JOB-ID	(A8)	BS2000/OSD

TSN of originator task.

Field Name	Type/Length	Operating System
ORIGINATOR-TSN	(N5)	BS2000/OSD

TSN of originator task.

Field Name	Type/Length	Operating System
OUTDISP	(A8)	OS/390

Output disposition for SYSOUT data set (returned for JES2 only). Possible values are WRITE, HOLD, KEEP, LEAVE and PURGE.

Field Name	Type/Length	Operating System
PAGEDEF	A6	OS/390

Name of library member containing statements to specify page properties for Print Services Facility (PSF).

Field Name	Type/Length	Operating System
PRINT-ELEMENT	(A64)	BS2000/OSD

Name of printed element.

Field Name	Type/Length	Operating System
PRINT-ELEMENT-TYPE	(A8)	BS2000/OSD

Type of printed element.

Field Name	Type/Length	Operating System
PRINT-ELEMENT-VERSION	(A24)	BS2000/OSD

Version of printed element.

Field Name	Type/Length	Operating System
PRINT-ERROR-MESSAGE	(A10)	BS2000/OSD

Error message issued during PRINT. Only relevant for task type 7.

Field Name	Type/Length	Operating System
PRINT-MODE	A4	OS/390

Possible values:

LINE: The dataset is to be scheduled to a line-mode printer.

PAGE: The dataset is to be scheduled to a page-mode printer.

Field Name	Type/Length	Operating System
PRIORITY	(N3)	BS2000/OSD

Task scheduling priority.

Field Name	Type/Length	Operating System
PROCNAME	(A8)	OS/390

Name of procedure invoked.

Field Name	Type/Length	Operating System
RECFM	(A3)	OS/390

The record format of the spool file.

Field Name	Type/Length	Operating System
RECORD-COUNT	(N7)	OS/390

Number of records in this dataset.

Field Name	Type/Length	Operating System
ROTATION	(A8)	BS2000/OSD

Used page rotation.

Field Name	Type/Length	Operating System
SIZE	(A6)	BS2000/OSD

Size of SPOOLOUT file.

Field Name	Type/Length	Operating System
STATUS	(A9)	BS2000/OSD

Task status (category).

Field Name	Type/Length	Operating System
STEPNAME	(A8)	OS/390

Name of step invoked.

Field Name	Type/Length	Operating System
TRC	(A3)	OS/390

YES means byte 2 in record is used for CHARS (3800). (DCB=OPTCD=J is specified).

Field Name	Type/Length	Operating System
TYPE	(A2)	OS/390

Spool file type. Possible options:

Option	Explanation
CC	Summary of job steps and completion codes.
JL	Input JCL.
SI	SYSIN data.
SM	System messages.
SO	SYSOUT data.

Field Name	Type/Length	Operating System
TYPE-NUMBER	(N1)	BS2000/OSD

Task type.

Field Name	Type/Length	Operating System
UCS	A4	OS/390

The universal character set (UCS) image JES is to use in printing the sysout dataset.

Field Name	Type/Length	Operating System
USER	(A8)	BS2000/OSD

User ID.

Field Name	Type/Length	Operating System
WRITER	(A8)	OS/390

External writer program which gets control if the dataset is printed.

Example 1:

This little program displays a list of spool files for the job WKKC:

```
FIND SPOOL-FILES WITH JOB-NAME = 'WKKC'
  DISPLAY TYPE DATA-SET-KEY DDNAME STEPNAME WRITER FCB RECFM LRECL TRC
END
```

Output from the above program:

TYPE	DATA-SET-KEY	DDNAME	STEPNAME	WRITER	FCB	RECFM	LRECL	TRC
JL	1	\$JCL			****	F	80	NO
SM	2	\$JES2LOG	JES2		****	UA	133	NO
SM	3	\$JCLIMG	JES2		****	F	132	NO
SM	4	\$SYSMSG	JES2		****	VA	133	NO
SI	101	SYSIN	COPY		****	F	80	NO
SO	102	SYSRINT	COPY		****	FBA	121	NO

Example 2:

The following program deletes from HOLD class system message file number 1 (dataset key 2), and displays the message returned.

```
PROCESS SPOOL-FILES USING JOB-NAME      = 'WKKASM'
                          ' DATA-SET-KEY = 2
                          ' FUNCTION      = 'DELETE'

  DISPLAY ACTION
END
```

Output from the above program:

Action
DELETE OK