

JOB-SWITCHES

File	81
Op-Sys	BS2000/OSD
Statement	PROCESS
Task	Query the user switches for a specified user ID. When running in single-user mode, switches belonging to your own user ID can be reset, and the job switches of the same task can also be queried, set and reset.

Common Fields for all Operating Systems

Dictionary Field Name	F/L	Mu	DE	Remarks
ERROR-CODE	N3			
ERROR-TEXT	A58			
NODE	N3		D	
NODE-NAME	A16		D	
SYSTEM-MESSAGE-CODE	A10			
SYSTEM-CODE	B2			
OPTION	A6		D	Relevant when FUNCTION=WRITE.
SWITCH-NUMBERS	A64		D	Relevant when FUNCTION=WRITE.
SWITCH-TYPE	A7		D	
SWITCH-VALUES	A32		D	
USERID	A8		D	Relevant when FUNCTION=READ.
FUNCTION	A8		D	Required.

Relevant Error Codes

Code	Text	BS2000/OSD
530	Access denied by Security Facility	X
600	Unknown function	X
733	User ID does not exist	X
750	Invalid operand within operand list	X
755	Invalid or no SWITCH-TYPE specified	X
799	Entire System Server internal error	X
983	Function not supported by multi-user mode	X

Field Descriptions

Field Name	Type/Length	Operating System
FUNCTION	(A8)	

Specifies the function to be performed on the switches. Possible options:

Option	Explanation
READ	Read switch status.
WRITE	Set switches given in field SWITCH-NUMBERS according to OPTION field.

For restrictions, see the field SWITCH-TYPE.

Field Name	Type/Length	Operating System
OPTION	(A6)	

Operation when FUNCTION=WRITE:

Operation	Explanation
INVERT	Invert value of the switches given in the list.
OFF	Set switches in the list to OFF.
ON	Set switches in the list to ON.

Field Name	Type/Length	Operating System
SWITCH-NUMBERS	(A64)	

Relevant when FUNCTION=WRITE. Gives the list of switches to be handled. Each switch must be specified as a 2-digit number between 00 and 31. There is no delimiter between switch numbers.

Example:

The value 031229 means switches 3, 12 and 29.

Field Name	Type/Length	Operating System
SWITCH-TYPE	(A7)	

Defines whether the switches are USER switches or PROCESS switches. Query and modification of PROCESS switches is only possible when the Entire System Server runs in single-user mode. The same goes for WRITE of USER switches. In multi-user mode, the function is executed by the Entire System Server server task and the switches would be set there for the user ID of the server task.

Field Name	Type/Length	Operating System
SWITCH-VALUES	(A32)	

Returns the status of all switches. Possible values:

Value	Explanation
N	Switch is off.
Y	Switch is on.

Field Name	Type/Length	Operating System
USERID	(A8)	

Valid only when FUNCTION=READ and SWITCH-TYPE=USER: user ID for which switches are to be read.