

CATALOG-UPDATE

File	10
Op-Sys	OS/390, BS2000/OSD
Statement	PROCESS
Task	Perform catalog maintenance functions.

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	
SYSTEM-MESSAGE-CODE	A10			
DSNAME	A54		D	Required.

Additional Fields Supported for OS/390

Dictionary Field Name	F/L	Mu	DE	Remarks
VOLUMES	A240		D	
DEVICE	A8		D	
FILE-SEQUENCE	N3		D	
FUNCTION	A8		D	Required.

Additional Fields Supported for BS2000/OSD

Dictionary Field Name	F/L	Mu	DE	Remarks
SYSTEM-CODE	B2			
SHARE	A3		D	
BACKUP-TYPE	A1		D	
ACCESS-TYPE	A5		D	
READ-PASSWORD	A8		D	
WRITE-PASSWORD	A8		D	
EXECUTION-PASSWORD	A8		D	
AUDIT-TYPE	A4		D	
RETPD	N4		D	
ARCHIVE-OPTION	A1		D	
DESTROY	A3		D	
FGG-BASE	B2		D	
FGG-GENERATIONS	B2		D	
FGG-DISPOSITION	A8		D	
PASSWORD	A8		D	

Relevant Error Codes

Code	Text	OS/390	BS2000/OSD
530	Access denied by Security Facility.		X
531	Password missing or incorrect.		X
565	Syntax error in dataset name.		X
571	DSNAME operand missing.	X	
600	Unknown operation.	X	
602	Device is invalid.	X	
603	Index/Alias missing.	X	
604	No volumes specified.	X	
658	Dataset is not catalogued.	X	
701	DSNAME missing.		X
722	Requested dataset not found.		X
733	User ID does not exist.		X
750	Invalid operand within operand list.		X
799	Entire System Server internal error.		X

Field Descriptions

Field Name	Type/Length	Operating System
ACCESS-TYPE	(A5)	BS2000/OSD

Specifies authorized access type. Possible options:

Option	Explanation
READ	Read-only access is authorized.
WRITE	Read and write access is authorized.

Field Name	Type/Length	Operating System
ARCHIVE-OPTION	(A1)	BS2000/OSD

Specifies the ARCHIVE options:

Option	Explanation
L	Long. This is the default. The whole file is saved.
S	Short. Only changed PAM blocks are saved.

Field Name	Type/Length	Operating System
AUDIT-TYPE	(A4)	BS2000/OSD

Fixes the level of control of file access. Possible values:

Value	Explanation
NONE	Default. No accesses are monitored.
ALL	All accesses are monitored.
FAIL	Unsuccessful accesses are monitored.
SUCC	Successful accesses are monitored.

Field Name	Type/Length	Operating System
BACKUP-TYPE	(A1)	BS2000/OSD

Specifies when a file is saved by ARCHIVE. Possible options:

Option	Explanation
A	Default. File is saved with every ARCHIVE run.
B	Saved with run for Level B, C and D.
C	Saved with runs for Level C and D.
D	Saved with runs for Level D.
E	Not automatically saved.

Field Name	Type/Length	Operating System
DESTROY	(A3)	BS2000/OSD

Possible options:

Option	Explanation
NO	Default. The file is not automatically destroyed when erased.
YES	Space used for file is written with X'00' when the file is erased.

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

Device code, for example, 3400-3. For BS2000/OSD, this only applies to file generation groups (see the STATE field).

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

Fully qualified dataset name. BS2000/OSD: fully qualified file name.

Field Name	Type/Length	Operating System
EXECUTION-PASSWORD	(A8)	BS2000/OSD

EXECUTION password to be defined for the file. Use *NONE to reset existing password. See also the PASSWORD field.

Field Name	Type/Length	Operating System
FGG-BASE	(B2)	BS2000/OSD

File generation groups only: base for relative access to files of FGG.

Field Name	Type/Length	Operating System
FGG-DISPOSITION	(A8)	BS2000/OSD

File generation groups only: describes what to do, if maximum number of generations is reached. Possible values:

Value	Explanation
CYCLE	(Default)
DELETE	
KEEP	
REUSE	

Field Name	Type/Length	Operating System
FGG-GENERATIONS	(B2)	BS2000/OSD

File generation groups only: number of generations.

Field Name	Type/Length	Operating System
FILE-SEQUENCE	(N3)	OS/390

Used for tape files. This value is used for the first volume only.

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

Function to be performed. Possible values:

Value	Explanation
CATLG	Catalog new entry.
RECATLG	Recatalog an existing entry.
UNCATLG	Remove a catalog entry.

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

If the file is already password-protected, the actual password needed for write access must be specified here.

Field Name	Type/Length	Operating System
READ-PASSWORD	(A8)	BS2000/OSD

READ password (4 bytes) to be defined for the file. Use *NONE to reset existing password. See also the PASSWORD field.

Field Name	Type/Length	Operating System
RETPD	(N4)	BS2000/OSD

Number of days the file must remain unchanged. Default is **0**.

Field Name	Type/Length	Operating System
SHARE	(A3)	BS2000/OSD

Specifies whether other users can access files. Possible options:

Option	Explanation
NO	Other users are not authorized.
YES	Other users are authorized.

Field Name	Type/Length	Operating System
VOLUMES	(A240)	OS/390

Volume list. The maximum is 40 entries of 6 bytes each.

Field Name	Type/Length	Operating System
WRITE-PASSWORD	(A8)	BS2000/OSD

WRITE password to be defined for the file. Use *NONE to reset existing password. See also the PASSWORD field.

