

FATSCOPY

TAPE MEDIA CONVERSION & CONSOLIDATION

z/OS Storage Management



With individual z/OS cartridge capacity continuing to increase year-on-year, z/OS shops are faced with two separate (but related) problems.

First, they have to ensure that day-to-day applications that use tape-based data fully utilize the increased capacity of each tape.

Secondly, they need an efficient method for the mass migration of historical tape data from old media onto the higher capacity tapes.

Although these tasks can be achieved manually and through JCL changes, what's required is a tool that can automate both processes...



Tape Copying & Stacking

FATSCOPY automates the copying and stacking of tapes by periodically locating all of the inefficient tape data sets (selected by data set name, or by tape volser) and stacking them as consecutive files on fewer tape volumes.

FATSCOPY automatically re-catalogs the tape files so that they can, if required, be located by the applications.

In the example below, tape data sets are being selected that have a high-level qualifier with the first four characters of "APPL" and a fifth character of any valid alphanumeric or national character.

The data sets can then have any second level, but the third level must be "SAVE". There can then be any number of additional levels in the name.

Only data sets matching that name mask, and that were created between 2000.001 and 2000.100, will be selected for the stacking process.

They will be copied and stacked onto an IBM 3590 cartridge. The copied files will be recataloged to the output tape, and the input tapes will be returned to scratch status.

FATSCOPY—Tape Stacking Example:

```
//STACK EXEC PGM=FATSCOPY
-----
COPY
SELECT CATDSN=APPL%.*.SAVE.**
        CRDATE>=2000.001,CRDATE<=2000.100
```



User Quote

"With FATSCOPY we migrated 9000 3490E tapes and 1000 9840 tapes to a Virtual Tape System (VTS)..."



Introducing FATSCOPY

FATSCOPY is an additional cost-option to FATS/FATAR (described in a separate sheet) which offers an automated process for moving and re-cataloging tape-based data sets.

FATSCOPY can be used to automate labor intensive "Tape Stacking" and "Tape Media Conversion" projects.



FATSCOPY

TAPE MEDIA CONVERSION & CONSOLIDATION

Tape Media Conversion

FATSCOPY can automate the conversion of tape data sets from one media type to another. For example, you can convert 100 3480 tapes to a single IBM TS1120 Magstar tape or an IBM TS1130 tape cartridge.

All the files on the 3480s will be stacked on the TS1120 or TS1130 and recataloged, transparent to the using application. FATSCOPY supports CA-1 and IBM's RMM tape management systems.

ISPF Panels

FATSCOPY functions are available through the FATS/FATAR ISPF panels.

```
U4.9.10 ----- FATSCOPY SELECTION MENU -----
OPTION ==>

1. Select ALL datasets by tape volume
2. Select/Exclude Cataloged datasets
3. Review Simulation run results submitted in batch
P. Set up FATSCOPY Application and JCL defaults
```

The FATSCOPY selection process can be driven either at the "tape volume level" (selecting all data sets on a tape), or by "data set level" (by selecting/excluding data sets through the catalog).

```
U4.9.10 --- FATSCOPY - "ALLDSN" FUNCTION ENTRY PANEL ---
COMMAND ==>
SIM execute FATSCOPY Simulation          COPY execute FATSCOPY Copy
END return to FATSCOPY Menu              Q for RMM Query

Enter Volume Range - starting from BK0012 incrementing by 1
                    for a max. of 20 volumes; not to exceed 100
- OR -
Enter Volumes List below:
VOL: _____
```

In this example, we're selecting at the "volume level", starting with BK0012 and continuing for 20 sequentially named tape volumes (BK0012-BK0031).

```
U4.9.10 --- FATSCOPY - "ALLDSN" FUNCTION ENTRY PANEL ---
COMMAND ==>
SIM execute FATSCOPY Simulation          COPY execute FATSCOPY Copy
END return to FATSCOPY Menu              Q for RMM Query

Enter Volume Range - starting from _____ incrementing by 1
                    for a max. of ___ volumes; not to exceed 100
- OR -
Enter Volumes List below:
VOL: 111076 ABC001 ABC002 FAT-1 %4U _____
```

Here we are selecting specific volumes to migrate to the new media.

Want to Know More About FATSCOPY? For a No-Obligation FREE Trial or to request a FREE Concepts & Facilities Guide, ask your local sales representative or visit: <http://www.innovationdp.fdr.com>



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