

zCICS

VSAM Guide

v9



Automated Software Tools Corporation.

zCICS VSAM Guide

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zCICS VSAM Installation

I recommend that the catalog and file structures are kept in a common directory. More flexibility will be added if time permits.

Step 1:

Create and assemble a catalog and the files it is to contain using the DEFINE macro.

The test files used in Z390\CICS are in the \cics\vsam directory, and many more examples in \vsam\demo.

Multiple catalogs are supported.

Step 2:

Use REPRO to create the VSAM base cluster, paths and alternate indexes as needed.

Step 3:

Add the FCT entries for your files to DFHFCTUS and assemble.

Step 4:

Add SET statements to Z390FILE.BAT to define the catalog and filename that will be used at OPEN time.

VSAM Extensions

The following facilities are not supported in standard CICS/VSAM, but they are in zCICS VSAM.

a) Support of 4 gigabyte files and record sizes greater than 32K for all VSAM file types.

b) Skip-sequential access (browse) of an ESDS by RBA (fixed or variable), forward or backward.

Note: Knowledge of the file will be necessary for variable ESDS in order to set the initial RBA.

VSAM limits

For KSDSs and AIXs, there is an internal limit on all keylengths of 128 bytes. Please raise an RPI if this is not sufficient for you.

There is an internal limit in zCICS on record sizes of 32K bytes. Please raise an RPI if this is not sufficient for you.

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Change Summary

November 24, 2008

Added comment about record size limit.

Trademarks

IBM, CICS and VSAM are registered trademarks of International Business Machines Corporation.

Credits

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