

Using IAM For the SmartProduction Job History VSAM File

Innovation Data Processing's Innovation Access Method (IAM) can be used to house the SmartProduction Job History File, and this will function normally when using the SMARTPC CLIST to invoke the product.

There is a problem when you use the SMARTPL CLIST to invoke the list of Job History files, because the technique used in the SmartProduction REXX program TMRRMAIN is not compatible with the way IAM data sets appear to your zOS system.

The basic problem is that the IAM data sets are listed as NONVSAM in the LISTCAT output created by TMRRMAIN and so the REXX ignores them completely, as it is looking for CLUSTER entries.

We have successfully overcome this obstacle. Here's how to do it:

1. Make a backup copy of SMARTP.ISPFALL(TMRRMAIN).

2. Edit SMARTP.ISPFALL(TMRRMAIN)

3. In the LISTCAT: routine, find the line that reads
IF (WORD(DSLIST.I, 1) = "CLUSTER") then
and replace it with

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IF ( (WORD(DSLIST.I, 1) = "CLUSTER") |,  
      (WORD(DSLIST.I, 1) = "NONVSAM") ) THEN
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4. Next, find the line that reads
CLUSTER_FOUND = 1
and insert after it
DATA_FOUND = 1

These two changes are all that is required.

A future release of SmartProduction will build this support into the product, but for now, this will work.