

Customizing VSAM RRDS Roll Files

This part of the Natural CICS Interface documentation describes the customization of VSAM RRDS roll files. It covers the following topics:

- Increasing the Number of VSAM RRDS Roll Files
- Decreasing the Number of VSAM RRDS Roll Files
- Changing the Characteristics of the VSAM RRDS Roll Files

This section does not apply if you are using the Natural Roll Server.

References to CICS Tables

Where appropriate, any references to CICS tables (DCT, FCT, PCT, PPT, TCT, etc.) can be considered as references to the corresponding:

- assembly-type resource definitions,
- online resource definitions via CEDA,
- batch resource definitions via DFHCSDUP.

Related Documents

- **Installation** - refer to Installing the Natural CICS Interface in the Natural Installation Guide for Mainframes.
 - **Utility** - refer to the Natural utility SYSTP which provides various TP-monitor-specific functions
 - **Operation, Individual Components** - for information on operation and the individual components of Natural in a CICS environment, see also:
Node Error Program Considerations for Natural | CICS 3270 Bridge Considerations | Special Natural CICS Functionality | Natural CICS Sample Programs | NCIUIDEX User ID Exit Interface | Invoking Natural from User Programs | Asynchronous Natural Processing under CICS | Logging Natural Sessions under CICS | Performance Considerations | Natural CICS Interface Debugging Facilities | Natural Work Files Under CICS
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Increasing the Number of VSAM RRDS Roll Files

Up to 9 VSAM RRDS roll files can be allocated. Each roll file has an ID consisting of a user-defined prefix followed by a fixed suffix. The prefix can be 1 to 9 characters long. The suffix consists of two characters from "R1" to "R9".

To add a new VSAM roll file, perform the following steps:

1. Create an empty VSAM RRDS conforming to your local site standards. Then initialize the dataset using the batch program NCISCPRI, which must have been assembled during the Natural installation. The SPACE and RECORDSIZE attributes can differ between different roll files, so you can modify them as required to find the best values in your environment.
2. Create an FCT entry and change the CICS JCL accordingly, using the prefix/suffix for both.

The new roll file becomes available when the Natural CICS interface is initialized again.

Decreasing the Number of VSAM RRDS Roll Files

Perform the following steps:

1. Ensure that Natural is not active.
2. Either delete the FCT and JCL definitions or delete the file.

The number of roll files is adjusted when the Natural CICS interface is initialized again.

Changing the Characteristics of the VSAM RRDS Roll Files

Perform the following steps:

1. Execute the procedures described above for decreasing the number of roll files.
2. Execute the procedures for increasing the number of roll files.