

Introduction to Natural for VSAM

This section describes the components and the structure of the Natural interface to VSAM.

This section covers the following topics:

- Components of Natural for VSAM
 - Structure of the Natural Interface to VSAM
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Components of Natural for VSAM

The Natural interface to VSAM consists of the following components:

- The NVSNUC module, which is mandatory, environment-independent, and delivered as a load module only.
- The NVSPARM module, which is mandatory, contains Natural parameters specific to VSAM, and is delivered in source form only.
- The I/O module, which is mandatory, differs depending on the actual environment, and is delivered in source form only.
- The modules necessary when running with VSAM system files; they are optional and delivered as load modules only.
- The user exits.
- Callable system services.

Natural for VSAM is fully (E)LPA or SVA-compliant for multiple environments (for example, CICS, Com-plete and batch). The NVSPARM module and the appropriate I/O module must be linked to the NATPARM parameter module.

Structure of the Natural Interface to VSAM

Front End

TP Driver
(Batch/CICS/ Com-plete/TSO)

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NATPARM

NVSPARM

I/O Interface

- NVSMISC

- NVSCICS

IGWARLS (5)

User Exit
defined with NVMEEXIT

(E)LPA or SVA

NATSTUB

NATURAL

NATCONFIG

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NVSNUC

NVSNAT (1)

NVSNPO (2)

NVSNSEC (3)

NVSNISPC (4)

NVSNISPV (4)

- (1) VSAM system-file handling for FNAT, FUSER and FDIC.
- (2) VSAM system-file handling for FSPOOL.
- (3) VSAM system-file handling for FSEC.
- (4) VSAM system-file handling for Natural ISPF.
- (5) IBM's record-level sharing (RLS) query routine to support RLS=CHECK, z/OS only (not CICS).