

R

RABN = relative Adabas block number

RAD = rapid application development model

RBA = relative byte address

VSAM: The displacement in bytes of a stored record or control interval from the beginning of the storage space allocated to the dataset to which it belongs.*

Registry

A central repository for configuration data - database for configuration files. Physically, the Registry is the two files System.dat and User.dat. Logically, the Registry is the configuration data that you see in the Registry Editor. The Registry contains configuration information of all kinds for both hardware and software. For example, the registry contains information about DCOM classes and their assignment to servers. For further information, see your Microsoft documentation.

Related objects

Predict: Generic term for parent and child objects.

Relationship

Predict: See File Relation.

Report listing

Predict: Predict objects of type report listing are used to log transfer operations with the Predict Coordinator and conversion functions.

Reserved word

Part of the Natural programming language. Letter combinations not available to users for their own use.

See the topic Keywords/Reserved Words under Program Reference in the Natural Reference Manual.

Restrictions

Predict: Collection of keywords, owners and text strings used as selection criteria when retrieving information on objects. Restrictions can be stored in profiles or specified for temporary use.

Retrieval

Predict: Subsystem which provides selective output of information (objects, their attributes and associations) to the terminal or, in batch mode, to the spool.

Retrieval model

Predict: A retrieval model consists of two parts: a retrieval structure and a definition of the contents and the layout for the reports that are to be created

Retrieval operation

Predict: When retrieving information from the dictionary, a Retrieval type and an Output mode must be specified. These settings together determine the type of Retrieval operation that is indicated in the header of reports.

Retrieval type

Predict: The Retrieval type determines the type of information Predict to be retrieved from the dictionary. Retrieval types are either type-independent, for example Objects with children, or type-specific, for example Difference of files.

Rippling

Predict: The automatic updating of all derived fields at lower hierarchical levels when the corresponding field at a higher hierarchical level is modified.

The hierarchical levels are as follows:

- standard files
- master files
- userviews

See the topic Rippling under File in the Predefined Object Types in Predict documentation.

Roll server

OS/390: Natural as a server runs in a separate region or within the server subsystem region, for example for DB2 stored procedures. To run Natural as a server, a service-specific server stub is required. This server stub is supplied as part of the server product. It controls all service requests and is the only interface to the Natural server front-end.

See also Roll Server as described in the section Natural under OS/390 in the Natural Operations for Mainframes documentation.

Routine

Collective term for Natural object types which cannot be executed on their own such as, helproutine, subprogram, subroutine.

RPC = remote procedure call

A client/server communication technique that is applied to call applications, procedures and object methods on a remote computer through a network. The client sends a request to the server which provides the service. Request transmission is executed through client and server stubs.

See also Natural Remote Procedure Call.

RPC Stub

Natural RPC: The client subprogram via which the server subprogram is called. The RPC stub has the same name and contains the same parameters as the corresponding server subprogram.

The RPC stub accepts the CALLNAT requests on the client side, marshalls the Natural callnat parameters and passes them to the RPC client runtime. The RPC client runtime then passes the parameters to the client's EntireX Broker stub. For further information, see the topics Creating Stub Programs and Working with Automatic Natural RPC Execution in the Natural RPC documentation.

RRDS = relative-record dataset

VSAM: A dataset organization, in which records are of fixed length and are accessed by their relative record numbers (RRN).*

RRN = relative record number

VSAM: A unique identifier for each record stored in a relative record data set (RRDS).

RSL = record-sharing level

VSAM: An option that allows record-level sharing of VSAM data sets from multiple address spaces across multiple systems.

Runtime

1. The part of the Natural nucleus that executes a Natural program, as opposed to the compiler.
2. The time during which a Natural program is executed.