

Verification Active Retrieval

This section covers the following topics:

- Displaying the Verification Active Retrieval Screen
- Retrieval Type, Output Mode and Save Set Option
- Retrieval Types

Displaying the Verification Active Retrieval Screen

The Verification Active Retrieval screen is displayed with function code A and object code VE in a main menu or the command ACTIVE VERIFICATION.

```

13:52:32          ***** P R E D I C T 4.2.2 *****          2002-07-31
Plan    3          - (VE) Verification Active Retrieval -          Profile HNO

Retrieval type

D Verifications
R Verifications referenced by members
U Verifications not referenced

Retrieval type ...
Output mode .....*

Verification ID ..          Status .....*
in file .....*          Format .....*

Restrictions ....* Profile HNO,used
Output options ..* Profile HNO          Save set ..... N (Y/N)

Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Next Stop Last LnKEl Flip Print Impl AdmFi SelFi Prof Main
    
```

Verification Active Retrieval functions provide information on where and how verifications are referenced by cataloged Natural objects.

Retrieval Type, Output Mode and Save Set Option

An active retrieval operation consists of a retrieval type and an output mode. The retrieval types are described in more detail below. The output mode determines how the results are presented. Not all output modes are valid for all retrieval types. See table below.

Retrieval Type	Code	Output Mode				Save Set
		select	list	disp	count	
Verifications	D	X	X	X		
Verifications ref. by members	R	X	X		X	X
Verifications not referenced	U	X	X			

The results of retrieval types R can be saved in sets and processed with the Natural command LIST XREF.

Limiting the Scope of Verification Active Retrieval

Not all parameters are valid for all retrieval types. See table below.

Parameter	Retrieval Type		
	D	R	U
Verification ID	X	X	X
Status	X	X	X
in file		X	X
Format	X	X	X
Restrictions	X	X	X
Output options	X	X	X

Parameter	Description
Verification ID	Restricts operation to verification with specified ID. Use asterisk to specify a range.
Status	Restricts operation to verifications with the specified status. Enter asterisk for valid values. Enter blank for all.
in file	Restricts operation to verifications attached to fields in the specified file. Enter asterisk to specify a range.
Format	Restricts operation to verifications with the specified format. Enter asterisk for valid values. Enter blank for all.
Restrictions	The scope of the function can be limited by Restrictions. Restrictions can be specified temporarily with code T in this field or taken from a profile. See Using Restrictions and Output Options from Profiles.
Output options	Output options determine the amount of information contained in a report. Output options can be specified temporarily with code T in the field Output options or taken from a profile. Enter asterisk for valid values or see Output Options for more information.

Retrieval Types

Verifications - Code D

Provides information on verifications by invoking the retrieval type of same name. Output mode D, L or S must be specified:

Output Mode	Description
D	Displays specified verification with attributes, verification values and processing rule.
L	Lists verifications with attributes status, format, compatible formats, type. Verification values are also listed, if applicable.
S	Produces a list as above, from which verifications can be selected for further processing or commands added to the workplan. Enter an asterisk in field Cmd for list of possible functions. List of verification values may be truncated.

Verifications referenced by members - Code R

Provides information on all members using the verifications. Output mode L, C or S must be specified:

Output Mode	Description
L	Lists all members that use the specified verifications with some main attributes. If an automatic rule is used as a free rule, a message is displayed. Command: REFERENCED VERIFICATION
C	Lists the members which use the specified verifications and indicates the number of references per library and, if the verification is used in more than one library, the total number for all libraries. Command: COUNT VERIFICATION
S	Produces list of verifications and indicates by how many members each verification is used. Verifications can be selected for further processing or commands added to the workplan.

Verifications not referenced - Code U

Provides information on verifications that are not used by any member. Output mode L or S must be specified:

Output Mode	Description
L	Lists verifications not used by any member with following attributes: status, formats, compatible format, type. Command: UNUSED VERIFICATION
S	Produces list as above from which verifications can be selected for further processing or commands added to the workplan. Enter an asterisk in field Cmd for list of possible functions.