

# Program Retrieval

## Program-Specific Retrieval Parameters

The following program-specific parameters determine the scope of reports.

Program of type	Restrict report to programs of the given type. See Program Maintenance Menu for a list of valid types.
Language	Restrict report to programs of the given language. See Program Maintenance Menu for a list of valid languages.
Member	Restrict report to programs documenting the given member.
Library	Restrict report to programs documenting a member in the given library. See Program Maintenance Menu for a list of standard libraries.
User system Fnr	Restrict report to program objects documenting implemented programs in this user system file.
User system DBnr	Restrict report to program objects documenting implemented programs in this database.
Belongs to SY	Restrict report to programs belonging to this system object.

## Function Programs with Children with Child Type Program

The Retrieval function Program with Children with association *Uses PR concept*. evaluates only documentation data. If you need information on the implementation of a program, use the Active Retrieval function Programs using programs .

## Layout of Program Lists

```

13:54:04          ***** P R E D I C T  4.2.2  *****                2002-07-31
                        - List Program -
-----
Cnt  Program ID                Type Lang Member   Library   Fnr   DBnr
-----
 14  STK-PR-O                    P    O   CP1E    ST-PRDE
 15  STK-PR-STATIC-SQL          P    Q   HUXEL    HUXEL    255   255
 16  STK-PR-1                    O
 17  * STK-PR-2                  N    N   N-SECCHC
                        Implementation: N-SECCHC GMA          54   180
                        N-SECCHC NEWDICCO    54   180
 18  STK-PROC                    R    S   KSTK     KKKKK
 19  * STK-REDOC                 P    N   Z-HI1    STK
                        Implementation: Z-HI1    STK          54   180
    
```

<b>Meaning of Columns</b>	
Program ID	The ID of the program object.  <b>Note:</b> An asterisk in the first column indicates that the program is implemented. Implemented in this sense means that XRef data exists for the documentation object.
Type	Program type. See Program Maintenance Menu for a list of valid types and codes.
Lang.	The language in which the program is written. See Program Maintenance Menu for list of valid languages and codes.
Member, Library, Fnr, DBnr	Implementation pointer of the program object, or - if the object is implemented - the physical implementation of the member(s) documented by the program. In the sample screen above, program STK-PR-2 has implementation pointer N-SECCHK (for member) and documents member N-SECCHK in libraries GMA and NEWDICCO.

## Output Options for Program Retrieval

**Note:**

Unless output mode is S, the option Cover page is always valid.

**Note:**

Page size is only applicable when printing or if general default parameter "Use SAG Editor for output" is set to Y.  
Page size is not applicable in batch mode.

Retrieval Type	D		B				O		T							
									dummies=Y N				dummies=D P			
Output Mode	D	L	D	L	D	L	D	L	D	L	D	L	D	L		
Current/Related	c	c	c	r	c	r	c	c	c	r	c	r	c	r	c	r
Association attributes			Y	Y	Y	Y			Y	Y	Y	Y				
Attributes	Y		Y				Y		Y				Y			
Connecting character				Y						Y						
Description	Y		Y	Y			Y		Y	Y			Y			
Display modifier	Y		Y				Y		Y				Y			
Dummy/Placeholder										Y		Y		Y		Y
Entry points	Y		Y				Y		Y				Y			
Extract	Y		Y	Y			Y		Y	Y			Y	Y		
Keywords	Y		Y	Y			Y		Y	Y			Y			
Mark implementation	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	
No. abstract lines	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	
Owner	Y		Y	Y			Y		Y	Y			Y			
With users	Y		Y	Y			Y		Y	Y			Y			
Procedure code	Y		Y				Y		Y				Y			
Show implementation	Y	Y	Y				Y		Y				Y			
Use Con-form	Y		Y	Y			Y		Y	Y			Y			
User exit	Y		Y				Y		Y				Y			

## Output Options for Program Retrieval - Continued

Retrieval Type	U		E				C			
	D	L	T	X	L	D	D	L	D	
Output Mode	c	c	c	r	c	r	c	r	c	r
Current/Related	c	c	c	r	c	r	c	r	c	r
Association attributes			Y	Y						
Attributes	Y			Y	Y					
Connecting character				Y	Y					
Description	Y				Y					Y
Display modifier	Y									
Dummy/Placeholder				Y	Y	Y		Y		
Entry points	Y									
Extract	Y			Y	Y			Y	Y	
Keywords	Y			Y	Y					Y
Mark implementation	Y	Y	Y	Y	Y	Y		Y		Y
No. abstract lines	Y	Y		Y	Y			Y		Y
Owner	Y			Y	Y					Y
With users	Y									Y
Procedure code	Y									
Show implementation	Y									
Use Con-form	Y					Y				Y
User exit	Y									