

SAP ABAP - Analysis results

- [What results can you expect?](#)
 - [Objects](#)
 - [SAP objects](#)
 - [BAPI objects](#)
 - [Web Dynpro for ABAP](#)
 - [Links](#)




























Summary: This document provides information about the analysis results you can expect from a SAP ABAP analysis.


What results can you expect?

Once the analysis/snapshot generation has completed, you can view the results in the normal manner (for example via CAST Enlighten):






Objects



| | |
|---|----------------------|
|  | ABAP Alias |
|  | ABAP Badi |
|  | ABAP Class |
|  | ABAP Class Pool |
|  | ABAP Constructor |
|  | ABAP Event |
|  | ABAP Event Block |
|  | ABAP Event Method |
|  | ABAP File Level Code |
|  | ABAP Form |
|  | ABAP Function (*RFC) |
|  | ABAP Function Pool |
|  | ABAP Include |

| | |
|---|------------------------|
|  | ABAP Interface |
|  | ABAP Interface Pool |
|  | ABAP Macro |
|  | ABAP Member |
|  | ABAP Method |
|  | ABAP Module |
|  | ABAP Module Pool |
|  | ABAP Package |
|  | ABAP Program |
|  | ABAP Type Pool |
|  | ABAP Unresolved Folder |
|  | ABAP Unresolved Object |
|  | ABAP User Exit |

 (*RFC): When using the [CAST SAP Extractor NG](#) (v. 8.2.0), the **remote** attribute is managed at ABAP function level. Please see [Can the extractor extract remote function modules?](#) for more details.

SAP objects



| | |
|---|------------------------|
|  | ABAP Processing Screen |
|  | ABAP Selection Screen |
|  | SAP Project |
|  | SAP Table |
|  | SAP Transaction |

| | |
|---|--------------------------------|
|  | SAP View |
|  | SAP CDS View (AIP Core 8.3.38) |

BAPI objects

| | |
|---|----------------|
|  | BAPI |
|  | BAPI Attribute |
|  | BAPI Event |
|  | BAPI Key Field |
|  | BAPI Method |

Web Dynpro for ABAP

| | |
|---|---------------------------------|
|  | Web Dynpro Action |
|  | Web Dynpro Application |
|  | Web Dynpro Attribute |
|  | Web Dynpro Component |
|  | Web Dynpro Component Controller |
|  | Web Dynpro Event Handler |
|  | Web Dynpro Inbound Plugin |
|  | Web Dynpro Interface Controller |
|  | Web Dynpro Interface View |
|  | Web Dynpro Method |
|  | Web Dynpro Outbound Plugin |
|  | |

| | |
|---|----------------------------|
|  | Web Dynpro Supply Function |
|  | Web Dynpro View |
|  | Web Dynpro Window |

Links

| Link type | | When is this type of link created? | Example |
|-------------------|---|---|--|
| ACCESS | EXEC | This link is created when a piece of code calls a method. | <code>CALL METHOD oref->method1...</code> |
| | MEMBER | This link is created when an object make an access to a member of another object. | <code>METHOD mymethod. WRITE ref->attr ENDMETHOD.</code> |
| | READ | This link is created when an object reads a value of another object. | <code>METHOD mymethod. X = ref->attr ENDMETHOD.</code> |
| | WRITE | This link is created when an object modifies a value of another object. | <code>METHOD mymethod. ref->attr = 10 ENDMETHOD.</code> |
| BELONGS TO | This link is created when one object belongs to another object. | <code>report abapReport Function f Endfunction</code> (f belongs to abapReport). | |
| CALL | | This link is used to describe a function that is called in a code block. | <code>Function f Perform g Endfunction</code> (f calls g) |
| | | This link is created when a SAP transaction calls another SAP transaction. | This information is extracted from the SAP system. |
| | | This link is created when a SAP transaction calls the processing screen or the selection screen of an ABAP program. | This information is extracted from the SAP system. |
| | | This link is created when an ABAP program calls a SAP transaction. | <code>CALL TRANSACTION SA10 AND SKIP FIRST SCREEN. ... LEAVE TO TRANSACTION SA10.</code> |
| | | This link is created when an event block of a screen calls an ABAP module. | <code>PROCESS BEFORE OUTPUT. MODULE STATUS_0100. * PROCESS AFTER INPUT. CHAIN. FIELD: SDYN_CONN-CITY, SDYN_CONN-COUNTRY, SDYN_CONN-CARID, SDYN_CONN- MARK. MODULE USER_COMMAND. ENDCHAIN.</code> |
| | This link is created when an ABAP component calls a screen. | This information is extracted from the SAP system. | |
| INCLUDE | | This link is used when a file includes another file. | <code>Report abapReport Include include_name</code> |
| INHERIT | EXTEND | This link is created from a class A to a class B if A inherits B. | <code>CLASS subclass DEFINITION INHERITING FROM superclass. ENDCLASS.</code> |
| | OVERRIDE | If a method of a class overrides a method belonging to a parent class, then this link is created between the two methods. | <code>METHODS mymethod REDEFINITION.</code> |

| | | | |
|------------------|--|---|--|
| IMPLEMENT | This link is created from a class to an interface when the class implements this interface. | <pre> CLASS myclass DEFINITION. PUBLIC SECTION. INTERFACES: interf1, interf2 ... ENDCLASS. </pre> | |
| | If a class implements an interface, this link is also created between the method belonging to the class and the corresponding method belonging to the interface. | <pre> INTERFACE status. METHODS write. ENDINTERFACE. CLASS counter DEFINITION. PUBLIC SECTION. INTERFACE status. ... ENDCLASS. CLASS counter IMPLEMENTATION. METHOD status-write. ... ENDMETHOD. ... ENDCLASS. </pre> | |
| RAISE | This link is created when a method activates an event. | RAISE EVENT evt EXPORTING ... | |
| RELY ON | This link is created when a method is a handler for an event. | <pre> METHODS handler FOR EVENT evt OF {class interf} IMPORTING ... ei ...[sender]. </pre> | |
| USE | - | This link is created when a processing screen or a selection screen is used in conjunction with an ABAP program. | This information is extracted from the SAP system. |
| | - | This link is created when a SAP transaction calls an ABAP program. | This information is extracted from the SAP system. |
| | - | This link is created when an ABAP component calls a screen. | This information is extracted from the SAP system. |
| | - | This link is created when a processing screen or a selection screen is used in conjunction with an ABAP program. | This information is extracted from the SAP system. |
| | SELECT | This link is used when a code block contains an SQL request with a select statement (in the case of embedded SQL or native SQL). | Report abapReport Select col from table |
| | UPDATE | This link is used when a code block contains an SQL request with an update statement (in the case of embedded SQL or native SQL). | Report abapReport. Update table set col='a' |
| | DELETE | This link is used when a code block contains an SQL request with a delete statement (in the case of embedded SQL or native SQL). | Report abapReport Delete from table |
| | INSERT | This link is used when a code block contains an SQL request with an insert (in the case of embedded SQL or native SQL). | Report abapReport Insert into table values vals |