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Class Builder

Class ZCONSTRUCTOR

Change

Pattern

Pretty Printer

Signature

Public Section

Protected Section

Private Section

Text Elements

Ty.

Parameter

Typing

Description

Method

CONSTRUCTOR

active

1

method CONSTRUCTOR.

2

write:pval1. "instance | #Both are Accessible.

3

write:pval2. "static |

4

endmethod.



ABAP Debugger(2) (Exclusive) (s4han2023_A4H_12)



ZCONSTRUCTOR	/	ZCONSTRUCTOR	/	37	SY-SUBRC	0
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METHOD	/ CLASS_CONSTRUCTOR (CLASS1)	SY-TABIX	1
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Desktop 1 Desktop 2 Desktop 3 Standard Structures Tables Objects Detail Data Explorer Break./Watchpoints Diff Script

```

27 METHOD display.
28     SELECT SINGLE erdat erzet ernam vbtyp
29     FROM vbak
30     INTO (perdat,perzet,pernam,pvbttyp)
31     WHERE vbeln = p_vbeln.
32 ENDMETHOD.
33 METHOD constructor.
34     WRITE:'Instance Method'.
35 ENDMETHOD.
36 METHOD class_constructor.
37     WRITE:'Static Method'.
38 ENDMETHOD.
39 ENDClass.
40
41 START-OF-SELECTION.
42 DATA:obj TYPE REF TO class1.
43 CREATE OBJECT obj.
44 CREATE OBJECT obj.
45 *
46 * CALL METHOD obj->display
47 *     EXPORTING
48 *         pvbeln = lv_vbeln
49 *     IMPORTING
50 *         perdat = lv_erdat
51 *         perzet = lv_erzet
52 *         pernam = lv_ernam
53 *         pvbttyp = lv_vbtyp1.
54 **call METHOD obj->constructor.
55 **call METHOD class_constructor.

```

Variables 1 Variables 2 Locals Globals Auto Memory Analysis

Where lo_object1 = Class Object in Which Event handler method is defined.
 Event_handler -> Event handler method name.
 lo_object2-> Class Object in which triggering method is defined.

12) CONSTRUCTORS:

- 1) Constructor is a special type of method which is executed automatically when a object is created.
- 2) They can not be called using call Method statement.
- 3) Constructors are methods with a predefined name.
- 4) Multiple CONSTRUCTOR and CLASS_CONSTRUCTOR are not allowed with in a class.

Create object lo_object.

Types of constructors :

- 1) CONSTRUCTOR(INSTANCE Constructor)
 Name of the Method : CONSTRUCTOR.
 It has only Importing parameters.
 It can access both static and Instance attributes.
 It is called every time when a object is created.
 Used to set default value for a particular instance.
- 2) CLASS_CONSTRUCTOR(STATIC Constructor).
 Name of the Method : CLASS_CONSTRUCTOR.
 It does not have any parameters.
 It can access only static attributes.
 It is called first time when a object is created.

13) Me Keyword->

