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[5.2 Table Type ZKCT\_ABAP\_DOC\_OBJECT\_ALV\_T 86](#_Toc388611437)

[5.3 Table Type ZKCT\_ABAP\_DOC\_PLUGIN\_T 86](#_Toc388611438)

[6 List of objects of type DOMA - Domain 86](#_Toc388611439)

[6.1 Domain ZKCT\_ABAP\_DOC\_OUTPUT\_TYP 86](#_Toc388611440)

1. List of objects of type PROG - Program
   1. Program ZKCT\_ABAP\_DOC

Description: ABAPdoc: Generate technical documentation

Documentation

&PURPOSE&

The report generate documentation of repository and DDIC objects.

&INTEGRATION&

&PREREQUISITES&

&FEATURES&

The report can run also in the background when choosing appl.serverfile. (all the selected objects are documented then).

&SELECTION&

Output options - flags to control the generated document:

Rep.objects technical docs.

- include objects Documentation (menu Goto-> Documentation in tx se80,se38 , se11 etc) into the output doc.

All programs screens

- describe all program/report screens structure.

Report's select.screens

- describe (just) report's selection screen structure

Only main prog.units comments

- include source code comments commming from main program unit (sourcecode in Forms in the main program's includes is exempted fromprocessing).

Interface's descr

-FM, methods - describe interfaces of Function modules and classmethods.

Print also emtpy paragraphs

- paragraph header is printed into the output document even in casewhenno content exists.

Key words to be searched for in a variaty of object type's source code,to find a relevant informations:

Programs, FMs, methods

- the most common repository objects source code, usually searches forcomments with a special prefix ( like '\*&' etc.)

BSP events

- source code of Business Server Page events. It can make sense tosearch it also for a navigation command etc., to include it in theoutput doc.

WDA actions

- source code of Web Dynpro ABAP's events

&STANDARD\_VARIANTS&

&OUTPUT&

&ACTIVITIES&

&EXAMPLE&

Includes

|  |  |
| --- | --- |
| Program include | Description |
| ZKCT\_ABAP\_DOC\_DTA | ABAPdoc: Generate technical documentation |
| ZKCT\_ABAP\_DOC\_SEL | ABAPdoc: Generate technical documentation |
| ZKCT\_ABAP\_DOC\_F01 | ABAPdoc: Generate technical documentation |

Screen 1000 Generate documentation for:

|  |  |  |
| --- | --- | --- |
| Screen element | Description | Type |
| OBJ | Generate documentation for: | Block of selection screen |
| P\_DOCO | Objects | Parameter |
| P\_DOCP | Objects from package | Parameter |
| P\_DOCT | Objects from transport | Parameter |
| OPT | Select required objects: | Block of selection screen |
| P\_OBJTYP | Object type | Parameter |
| P\_OBJECT | Object name | Parameter |
| P\_PACKAG | Package name | Parameter |
| S\_TRKORR | Transport number | Selection option |
| OOP | Choose output options | Block of selection screen |
| P\_REDCX | Generate method: .docx | Parameter |
| P\_REOLE | Generate method: OLE | Parameter |
| P\_REXML | Generate method: XML | Parameter |
| OFI | Output file | Block of selection screen |
| P\_LOCAL | Local computer | Parameter |
| P\_L\_FILE | Directory | Parameter |
| P\_APPL | Applicfation server | Parameter |
| P\_A\_FILE | Directory | Parameter |
| P\_OPTECH | Rep.objects technical docs. | Parameter |
| P\_EMPTY1 | Print also empty paragraphs | Parameter |
| P\_OPSELS | Report's select.screens | Parameter |
| P\_OPOSCR | All programs screens | Parameter |
| P\_OPMCOM | Only main prog.units comments | Parameter |
| P\_OPINTF | Interface's descr -FM, methods | Parameter |
| KW1 | Source code Key words | Block of selection screen |
| SO\_KREP | Programs, FMs, methods | Selection option |
| SO\_KBSP | BSP events | Selection option |
| SO\_KWDA | WDA actions | Selection option |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Program ZKCT\_ABAP\_DOC  
\*&  
\*&---------------------------------------------------------------------\*  
\*& This report is the main part of a Documentation tool developed by  
\*& KCT Data company (hereinafter KCT ABAPdoc),  
\*& intended to generate technical documentation of customer's  
\*& ABAP development.  
\*&  
\*&---------------PURPOSE-----------------------------------------------\*  
\*& The purpose of this tool is to generate a technical documentation  
\*& which, when added to a Functional specification document, significantly  
\*& helps to complete a complex documentation of your solution.  
\*& It can also help to generate "JavaDoc like", API documentation  
\*& of your reusable SW components (FMs, class methods, ..)  
\*& and last but not least - it can help you to check your developers  
\*& compliance to required coding conventions and also motivate them  
\*& to use standard ABAP workbench documentation means (used as a  
\*& KCT ABAPdoc sources) for consistent and rich documentation  
\*& of the development.  
\*&  
\*&---------------HOW IT WORKS------------------------------------------\*  
\*& It generates a MS Word document (DOCX format) with a list of all  
\*& the common repository object types including their attributes,  
\*& descriptions, comments in the source-code (started e.g. with " \*& ")  
\*& and program documentation (see SELECT-OPTIONS so\_krep and  
\*& application-specific others).  
\*& Its technical design is inspired by the SAPlink tool (easily  
\*& enhanceable, having plug-in class for each object type etc.) which  
\*& has a similar user interface as well.  
\*&  
\*&---------------WARRANTIES--------------------------------------------\*  
\*& KCT ABAPdoc is distributed in the hope that it will be useful, but  
\*& WITHOUT ANY WARRANTY; without even the implied warranty of  
\*& MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU  
\*& General Public License for more details.  
\*&  
\*&---------------LICENSING---------------------------------------------\*  
\*& KCT ABAPdoc is a free software, you can redistribute it and/or modify  
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\*& the Free Software Foundation; either version 3 of the License, or (at  
\*& your option) any later version, when done under the brand  
\*& PERFORMED BY KCT DATA.  
\*&  
\*& No renaming of the tool or hiding the brand or author is allowed.  
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\*&  
\*& Copyright (C)  
\*&---------------------------------------------------------------------\*  
\*&Performed by KCT Data  
\*&Company: KCT Data, s.r.o., www.kctdata.com , www.sapmobility.cz  
\*&Date: 2013/06/01  
\*&Programmed by: Team of KCT Data developers  
\*&---------------------------------------------------------------------\*  
\*&Changed by: Marek BENDA;KCT Data, s.r.o. Date: 25.07.2013  
\*&Change description: New document render method.  
\*&---------------------------------------------------------------------\*  
\*&Changed by: KCT Data, s.r.o. Date: 01/2014  
\*&Change description: new Key words select-options added to be used  
\*&for searching through source code of variaty of rep.objects (up to  
\*& now, only search string "#\*&\*" was hard-coded).  
\*&---------------------------------------------------------------------\*

* 1. Program ZKCT\_ABAP\_DOC\_\_WORKFLOW

Description: BPMN generator for SAP Workflow

Includes

|  |  |
| --- | --- |
| Program include | Description |

Screen 1000 Workflow ID

|  |  |  |
| --- | --- | --- |
| Screen element | Description | Type |
| PA\_WFKEY | Workflow ID | Parameter |
| PA\_LANGU | Language | Parameter |

Code comment

\*&---------------------------------------------------------------------\*  
\*& Program ZKCT\_ABAP\_DOC  
\*&  
\*& Created by: Pavel Jelínek, KCT Data, May 2014  
\*&---------------------------------------------------------------------\*  
\*& This report is a utility of a Documentation tool developed by  
\*& KCT Data company (hereinafter KCT ABAPdoc),  
\*& intended for a convenient export of SAP Workflow definitions  
\*& in BPML01 format, which can then be transformed to BPMN format  
\*& (using "BPMN conventor" web service).  
\*& The result file can be used in common BPMN editors,  
\*& for example http://rigrr.rapilabs.com/  
\*&---------------HOW IT WORKS------------------------------------------\*  
\*& It extracts the WF definition using class cl\_swf\_def\_to\_bpml09.  
\*& Then it fills a read-only XML editor (class cl\_proxy\_xml\_edit)  
\*& with the acquired data.  
\*& This file can be saved on the local disk.  
\*& The "BPMN conventor" service can then be called via a button.  
\*&---------------  
\*&---------------------------------------------------------------------\*  
\*& Module STATUS\_0200 OUTPUT  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Module USER\_COMMAND\_0200 INPUT  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Form scr2\_container\_xml\_init  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Form lvc\_\_append\_fcat  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Form scr2\_container\_xml\_fill  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Form selscr\_to\_wf\_definition  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Form msg\_\_append\_1  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Form dlg\_select\_wf  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Form on\_cmd\_save  
\*&---------------------------------------------------------------------\*  
\*&---------------------------------------------------------------------\*  
\*& Form on\_cmd\_call\_service  
\*&---------------------------------------------------------------------\*

1. List of objects of type CLAS - Class (ABAP Objects)
   1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC

Description: Main class

Documentation

&FUNCTIONALITY&

FG funcionality

&RELATIONS&

&EXAMPLE&

&HINTS&

&FURTHER\_SOURCES\_OF\_INF&

Superclass: OBJECT

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | No | g 8 | 'controller' |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | No | g 8 | 'flowLogic' |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | No | g 8 | 'fragment' |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | No | g 8 | 'view' |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | No | g 8 | 'event' |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | No | g 8 | 'listInclude' |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | No | g 8 | 'treeInclude' |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | No | g 8 | 'object' |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | No | g 8 | 'component' |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | No | g 8 | 'plug' |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | No | g 8 | 'handler' |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | No | g 8 | 'navigation' |
| CO\_NODE\_ROOT | Name root node | Public | No | g 8 | 'schemaModel' |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | No | g 8 | 'bspAplication' |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | No | g 8 | 'webDynproComponent' |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | No | g 8 | 'inbound' |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | No | g 8 | 'include' |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | No | g 8 | 'outbound' |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | No | g 8 | 'usedComponent' |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | No | g 8 | 'view' |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | No | g 8 | 'window' |
| GV\_OBJ\_NAME | Name object | Public | No | g 8 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | No | No | No |
| CHECK\_EXISTS | Test of object existence | Public | No | No | Yes |
| CONSTRUCTOR | CONSTRUCTOR | Public | No | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | No | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | No | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | No | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | No | No | Yes |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | No | No | Yes |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | No | No | Yes |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | No | No | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | No | No | Yes |
| RENDER\_ADD\_INFO | Creates Word document object | Public | No | No | Yes |
| VALUE\_HELP | value help from DDIC | Public | No | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | No | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | Missing | Changing | No | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | object exists flag | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | Object name | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | Object name | Importing | No | No |
| IV\_FROM\_LINE | From line of code | Importing | No | Yes |
| IV\_UP\_TO\_LINE | Up to line of code | Importing | No | Yes |
| IT\_KEY\_WORDS | select-option / range for key words in source code | Importing | No | Yes |
| RT\_TEXT | Line table | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | Structure of ALV object | Importing | No | No |
| IV\_DOCUMENT\_CLASS | Document class | Importing | No | Yes |
| RT\_DOCUMENTATION | Documentation | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | Domain name | Importing | No | No |
| IV\_DOMAIN\_VALUE | Lang-independent value | Importing | No | No |
| RV\_DOMAIN\_TEXT | Lang-dependent text | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | Sort order | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | Single line text | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | Multi line text | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | Object type | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | Output document type | Importing | No | No |
| RV\_SUPPORT | X flag | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | Struktura objektu pro alv | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | Document output options | Importing | No | No |
| IS\_OLE\_WORD | OLE2 Structure | Importing | Yes | No |
| EV\_TEXT\_ERROR | Error during rendering | Exporting | No | Yes |
| EF\_RESULT | X flag | Exporting | No | Yes |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | Struktura objektu pro alv | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | Document output options | Importing | No | No |
| IO\_RENDER | Interface for document rendering objects | Importing | No | No |
| EV\_TEXT\_ERROR | Error text message | Exporting | Yes | Yes |
| EF\_RESULT | General Flag | Exporting | Yes | Yes |

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | Object type | Importing | No | No |
| RV\_OBJ\_NAME | Object name | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | Document ALV Structure | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | Document output options | Importing | No | No |
| IO\_XML\_DOCUMENT | XML Document for WF- WEB Activity | Importing | No | No |
| EV\_TEXT\_ERROR | Error text | Exporting | No | Yes |
| EF\_RESULT | General Flag | Exporting | No | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_BSP

Description: PLUGIN BSP

Superclass: ZCL\_KCT\_ABAP\_DOC

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | Yes | g 8 |  |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | Yes | g 8 |  |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | Yes | g 8 |  |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | Yes | g 8 |  |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | Yes | g 8 |  |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | Yes | g 8 |  |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | Yes | g 8 |  |
| CO\_NODE\_ROOT | Name root node | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | Yes | g 8 |  |
| GT\_NAVIGATION | O2: Table for Transfer Fields for the Navigation Modeler | Public | No | h 8 |  |
| GT\_PAGE | Oxygen: Page Attributes | Public | No | h 8 |  |
| GV\_OBJ\_NAME | Name object | Public | Yes | g 8 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | Yes | No | No |
| CHECK\_EXISTS | Test of object existence | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | Yes | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | Yes | No | No |
| GET\_CODE\_LAYOUT | Get comment from ABAP code with string \*&\* | Protected | No | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | Yes | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | Yes | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | Yes | Yes | No |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | Yes | Yes | No |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | Yes | Yes | No |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | Yes | Yes | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | Yes | Yes | No |
| OLE\_WORD\_ADD\_INFO\_ROW | Creates a new teble row | Public | No | No | No |
| RENDER\_ADD\_INFO | Creates Word document object | Public | Yes | Yes | No |
| VALUE\_HELP | value help from DDIC | Public | Yes | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | Yes | Yes | No |
| XML\_ADD\_INFO\_EVENT\_CONTROLLER | XLM - add plug - iinbound or outbound | Protected | No | No | No |
| XML\_ADD\_INFO\_EVENT\_PAGE\_LAYOUT | XLM - add plug - iinbound or outbound | Protected | No | No | No |
| XML\_ADD\_INFO\_PAGE | XLM - add View | Protected | No | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | CV\_TITLE | Changing | No | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | RV\_EXISTS | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | NAME | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_FROM\_LINE | IV\_FROM\_LINE | Importing | No | Yes |
| IV\_UP\_TO\_LINE | IV\_UP\_TO\_LINE | Importing | No | Yes |
| IT\_KEY\_WORDS | IT\_KEY\_WORDS | Importing | No | Yes |
| RT\_TEXT | RT\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_CODE\_LAYOUT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_PAGELINE | O2: Oxygen Page Table | Importing | No | No |
| IT\_KEY\_WORDS | select-option / range for key words in source code | Importing | No | Yes |
| RT\_TEXT | Line table | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_DOCUMENT\_CLASS | IV\_DOCUMENT\_CLASS | Importing | No | Yes |
| RT\_DOCUMENTATION | RT\_DOCUMENTATION | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | IV\_DOMAIN\_NAME | Importing | No | No |
| IV\_DOMAIN\_VALUE | IV\_DOMAIN\_VALUE | Importing | No | No |
| RV\_DOMAIN\_TEXT | RV\_DOMAIN\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | RV\_OBJECT\_ORDER | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | EV\_OBJECT\_TEXT\_SINGL | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | EV\_OBJECT\_TEXT\_MULTI | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | RV\_OBJECT\_TYPE | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | IV\_OUTPUT\_TYPE | Importing | No | No |
| RV\_SUPPORT | RV\_SUPPORT | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IS\_OLE\_WORD | IS\_OLE\_WORD | Importing | Yes | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO\_ROW

Description: Creates a new teble row

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OLE\_FONT | Font | Importing | No | No |
| IS\_OLE\_SELECTION | Selection | Importing | Yes | No |
| IV\_HEADER | Header | Importing | No | No |
| IV\_TEXT | Text | Importing | No | No |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_RENDER | IO\_RENDER | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | Yes | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | Yes | Yes |

Code comment

\*& -----------------------------------------------------------------  
\*& Method RENDER\_ADD\_INFO  
\*& -----------------------------------------------------------------  
\*& Outputs the navigation, BSP pages, method includes, attributes etc.  
\*&  
\*& Uses no flags in is\_output\_options  
\*& -----------------------------------------------------------------

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | IV\_OBJ\_TYPE | Importing | No | No |
| RV\_OBJ\_NAME | RV\_OBJ\_NAME | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_XML\_DOCUMENT | IO\_XML\_DOCUMENT | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method XML\_ADD\_INFO\_EVENT\_CONTROLLER

Description: XLM - add plug - iinbound or outbound

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_XML\_DOCUMENT | XML Document for WF- WEB Activity | Importing | No | No |
| IO\_XML\_NODE | IF\_IXML\_NODE | Importing | No | No |
| IS\_PAGE\_ATTRIB | O2: Page Attributes | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | Document output options | Importing | No | No |
| EV\_TEXT\_ERROR | Error text message | Exporting | Yes | Yes |
| EF\_RESULT | General Flag | Exporting | Yes | Yes |

* + 1. Method XML\_ADD\_INFO\_EVENT\_PAGE\_LAYOUT

Description: XLM - add plug - iinbound or outbound

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_XML\_DOCUMENT | XML Document for WF- WEB Activity | Importing | No | No |
| IO\_XML\_NODE | IF\_IXML\_NODE | Importing | No | No |
| IS\_PAGE\_ATTRIB | O2: Page Attributes | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | Document output options | Importing | No | No |
| EV\_TEXT\_ERROR | Error text message | Exporting | Yes | Yes |
| EF\_RESULT | General Flag | Exporting | Yes | Yes |

* + 1. Method XML\_ADD\_INFO\_PAGE

Description: XLM - add View

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_XML\_DOCUMENT | XML Document for WF- WEB Activity | Importing | No | No |
| IO\_XML\_NODE | IF\_IXML\_NODE | Importing | No | No |
| IS\_PAGE\_ATTRIB | O2: Page Attributes | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | Document output options | Importing | No | No |
| EV\_TEXT\_ERROR | Error text message | Exporting | Yes | Yes |
| EF\_RESULT | General Flag | Exporting | Yes | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_CLASS

Description: PLUGIN Data dictionary - Classes

Superclass: ZCL\_KCT\_ABAP\_DOC

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | Yes | g 8 |  |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | Yes | g 8 |  |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | Yes | g 8 |  |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | Yes | g 8 |  |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | Yes | g 8 |  |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | Yes | g 8 |  |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | Yes | g 8 |  |
| CO\_NODE\_ROOT | Name root node | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | Yes | g 8 |  |
| GV\_OBJ\_NAME | Name object | Public | Yes | g 8 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | Yes | No | No |
| CHECK\_EXISTS | Test of object existence | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | Yes | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | Yes | No | No |
| GET\_DESCRIPTION\_OF\_METHOD | Returns the description o a method (or space) | Private | No | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | Yes | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | Yes | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | Yes | Yes | No |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | Yes | Yes | No |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | Yes | Yes | No |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | Yes | No | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | Yes | Yes | No |
| OLE\_WORD\_ADD\_INFO\_ROW | Renders a new line info Word | Public | No | No | No |
| RENDER\_ADD\_INFO | Creates Word document object | Public | Yes | Yes | No |
| VALUE\_HELP | value help from DDIC | Public | Yes | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | Yes | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | CV\_TITLE | Changing | No | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | RV\_EXISTS | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | NAME | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_FROM\_LINE | IV\_FROM\_LINE | Importing | No | Yes |
| IV\_UP\_TO\_LINE | IV\_UP\_TO\_LINE | Importing | No | Yes |
| IT\_KEY\_WORDS | IT\_KEY\_WORDS | Importing | No | Yes |
| RT\_TEXT | RT\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_DESCRIPTION\_OF\_METHOD

Description: Returns the description o a method (or space)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_CLASS\_DESCR | Class description object | Importing | No | No |
| IV\_METHOD\_NAME | Method name | Importing | No | No |
| RV\_DESCRIPTION | Short description | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_DOCUMENT\_CLASS | IV\_DOCUMENT\_CLASS | Importing | No | Yes |
| RT\_DOCUMENTATION | RT\_DOCUMENTATION | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | IV\_DOMAIN\_NAME | Importing | No | No |
| IV\_DOMAIN\_VALUE | IV\_DOMAIN\_VALUE | Importing | No | No |
| RV\_DOMAIN\_TEXT | RV\_DOMAIN\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | RV\_OBJECT\_ORDER | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | EV\_OBJECT\_TEXT\_SINGL | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | EV\_OBJECT\_TEXT\_MULTI | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | RV\_OBJECT\_TYPE | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | IV\_OUTPUT\_TYPE | Importing | No | No |
| RV\_SUPPORT | RV\_SUPPORT | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IS\_OLE\_WORD | IS\_OLE\_WORD | Importing | Yes | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO\_ROW

Description: Renders a new line info Word

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OLE\_FONT | Font | Importing | No | No |
| IS\_OLE\_SELECTION | Selection | Importing | Yes | No |
| IV\_HEADER | Header | Importing | No | No |
| IV\_TEXT | Text | Importing | No | No |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_RENDER | IO\_RENDER | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | Yes | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | Yes | Yes |

Code comment

\*& -----------------------------------------------------------------  
\*& Method RENDER\_ADD\_INFO  
\*& -----------------------------------------------------------------  
\*& Outputs the description, documentation, superclass, attributes,  
\*& method headers, method interfaces and code comments.  
\*&  
\*& For inherited attribs and methods, we must climb to the superclass where they are defined.  
\*&  
\*& Uses following flags in is\_output\_options:  
\*& - tech\_docu (output content of "goto/documentation")  
\*& - module\_interfaces (output list of method parameters)  
\*& - print\_empty\_par (output empty paragraphs in docu and in code comments)  
\*& -----------------------------------------------------------------

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | IV\_OBJ\_TYPE | Importing | No | No |
| RV\_OBJ\_NAME | RV\_OBJ\_NAME | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_XML\_DOCUMENT | IO\_XML\_DOCUMENT | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_CONST

Description: Constants

Superclass: OBJECT

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| NAME\_CLASS\_ROOT | Root class name | Public | No | g 8 | 'ZCL\_KCT\_ABAP\_DOC' |

Method headers – N/A

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_DOCX\_RENDER

Description: MS docx render

Superclass: OBJECT

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| DOCX | Simple Office Open Document render | Private | No | r 8 |  |
| STYLE\_CHAPTER | Chapter style ID | Public | No | g 8 | 'Ctitle' |
| STYLE\_COMMENT | Comment style ID | Public | No | g 8 | 'Comnt' |
| STYLE\_DESCRIPTION | Description style ID | Public | No | g 8 | 'Descr' |
| STYLE\_DESCRIPTION\_2 | Description style ID | Public | No | g 8 | 'Descr2' |
| STYLE\_NORMAL\_BOLD | Chapter style ID | Public | No | g 8 | 'NBold' |
| STYLE\_OBJECT | Object style ID | Public | No | g 8 | 'Otitle' |
| STYLE\_SUBOBJECT | Object style ID | Public | No | g 8 | 'Stitle' |
| STYLE\_SUBOBJECT2 | Object style ID | Public | No | g 8 | 'Stitle2' |
| STYLE\_TABLE | Table style ID | Public | No | g 8 | 'Table1' |
| STYLE\_TABLE\_HEADER | Table header style ID | Public | No | g 8 | 'TabHdr' |
| STYLE\_WD\_CTX\_ATTR | WD context node ID | Public | No | g 8 | 'WdCtAt' |
| STYLE\_WD\_CTX\_NODE | WD context node ID | Public | No | g 8 | 'WdCtNd' |
| STYLE\_WD\_LAYOUT\_ITEM | WD view layout item | Public | No | g 8 | 'WdLayIt' |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_CHAPTER\_TITLE | Add first level title (for document chapters) | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_COMMENT\_CODE | Add paragraph containing comments from coding | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_DESCRIPTION | Add description paragraph | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_DESCRIPTION2 | Add description paragraph | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_DOCUMENTATION | Add object documentation | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_OBJECT\_SUBTITLE | Add third level title (for object subtitles) | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_OBJECT\_SUBTITLE2 | Add third level title (for object subtitles) | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_OBJECT\_TITLE | Add second level title (for each object) | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_TABLE\_HEADER\_ROW | Add heading row to table | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_TABLE\_ROW | Add row to table | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_TEXT | Add simple text paragraph | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_WD\_CTX\_ATTRIBUTE | Add context attribute for WebDynpro | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_WD\_CTX\_NODE | Add context node for WebDynpro | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_WD\_LAYOUT\_ITEM | Add layout item to tree for WebDynpro | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~END\_TABLE | End table definition | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~RENDER\_TO\_FILE | Render document to file on local computer | Public | No | No | No |
| ZIF\_KCT\_ABAP\_DOC\_RENDER~START\_TABLE | Start table definition | Public | No | No | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | No | No | No |
| CREATE\_RENDER | Create docx render and define styles, numberings and fonts | Protected | No | No | No |
| TABLE\_TO\_STRING | Content text table to string | Private | No | No | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_CHAPTER\_TITLE

Description: Add first level title (for document chapters)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_TEXT | IV\_TEXT | Importing | Yes | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_COMMENT\_CODE

Description: Add paragraph containing comments from coding

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_TEXT | IT\_TEXT | Importing | No | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_DESCRIPTION

Description: Add description paragraph

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_TEXT | IT\_TEXT | Importing | No | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_DESCRIPTION2

Description: Add description paragraph

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_TEXT | IT\_TEXT | Importing | No | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_DOCUMENTATION

Description: Add object documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_TEXT | IT\_TEXT | Importing | No | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_OBJECT\_SUBTITLE

Description: Add third level title (for object subtitles)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_TEXT | IV\_TEXT | Importing | Yes | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_OBJECT\_SUBTITLE2

Description: Add third level title (for object subtitles)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_TEXT | IV\_TEXT | Importing | Yes | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_OBJECT\_TITLE

Description: Add second level title (for each object)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_TEXT | IV\_TEXT | Importing | Yes | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_TABLE\_HEADER\_ROW

Description: Add heading row to table

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_CELLS | IT\_CELLS | Importing | No | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_TABLE\_ROW

Description: Add row to table

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_CELLS | IT\_CELLS | Importing | No | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_TEXT

Description: Add simple text paragraph

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_TEXT | IT\_TEXT | Importing | No | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_WD\_CTX\_ATTRIBUTE

Description: Add context attribute for WebDynpro

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_TEXT | IT\_TEXT | Importing | No | No |
| IV\_TREE\_LEVEL | IV\_TREE\_LEVEL | Importing | No | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_WD\_CTX\_NODE

Description: Add context node for WebDynpro

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_TEXT | IT\_TEXT | Importing | No | No |
| IV\_TREE\_LEVEL | IV\_TREE\_LEVEL | Importing | No | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~ADD\_WD\_LAYOUT\_ITEM

Description: Add layout item to tree for WebDynpro

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_TEXT | IT\_TEXT | Importing | No | No |
| IV\_TREE\_LEVEL | IV\_TREE\_LEVEL | Importing | No | No |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~END\_TABLE

Description: End table definition

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~RENDER\_TO\_FILE

Description: Render document to file on local computer

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_TARGET\_FILE\_PATH | IV\_TARGET\_FILE\_PATH | Importing | Yes | No |
| IV\_ENCODING | IV\_ENCODING | Importing | Yes | Yes |
| IV\_LOCATION | IV\_LOCATION | Importing | Yes | Yes |

* + 1. Method ZIF\_KCT\_ABAP\_DOC\_RENDER~START\_TABLE

Description: Start table definition

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |

* + 1. Method CREATE\_RENDER

Description: Create docx render and define styles, numberings and fonts

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RO\_RENDER | Simple Office Open Document render | Returning | Yes | Yes |

* + 1. Method TABLE\_TO\_STRING

Description: Content text table to string

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_TEXT | Content text table | Importing | No | No |
| RV\_TEXT | String content | Returning | Yes | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_DOMAINS

Description: PLUGIN Data dictionary - Domains

Superclass: ZCL\_KCT\_ABAP\_DOC

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | Yes | g 8 |  |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | Yes | g 8 |  |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | Yes | g 8 |  |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | Yes | g 8 |  |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | Yes | g 8 |  |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | Yes | g 8 |  |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | Yes | g 8 |  |
| CO\_NODE\_ROOT | Name root node | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | Yes | g 8 |  |
| GV\_OBJ\_NAME | Name object | Public | Yes | g 8 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | Yes | No | No |
| CHECK\_EXISTS | Test of object existence | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | Yes | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | Yes | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | Yes | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | Yes | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | Yes | Yes | No |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | Yes | Yes | No |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | Yes | Yes | No |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | Yes | No | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | Yes | Yes | No |
| OLE\_WORD\_ADD\_INFO\_ROW | Creates a new teble row | Public | No | No | No |
| RENDER\_ADD\_INFO | Creates Word document object | Public | Yes | Yes | No |
| VALUE\_HELP | value help from DDIC | Public | Yes | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | Yes | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | CV\_TITLE | Changing | No | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | RV\_EXISTS | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | NAME | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_FROM\_LINE | IV\_FROM\_LINE | Importing | No | Yes |
| IV\_UP\_TO\_LINE | IV\_UP\_TO\_LINE | Importing | No | Yes |
| IT\_KEY\_WORDS | IT\_KEY\_WORDS | Importing | No | Yes |
| RT\_TEXT | RT\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_DOCUMENT\_CLASS | IV\_DOCUMENT\_CLASS | Importing | No | Yes |
| RT\_DOCUMENTATION | RT\_DOCUMENTATION | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | IV\_DOMAIN\_NAME | Importing | No | No |
| IV\_DOMAIN\_VALUE | IV\_DOMAIN\_VALUE | Importing | No | No |
| RV\_DOMAIN\_TEXT | RV\_DOMAIN\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | RV\_OBJECT\_ORDER | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | EV\_OBJECT\_TEXT\_SINGL | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | EV\_OBJECT\_TEXT\_MULTI | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | RV\_OBJECT\_TYPE | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | IV\_OUTPUT\_TYPE | Importing | No | No |
| RV\_SUPPORT | RV\_SUPPORT | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IS\_OLE\_WORD | IS\_OLE\_WORD | Importing | Yes | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO\_ROW

Description: Creates a new teble row

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OLE\_FONT | Font | Importing | No | No |
| IS\_OLE\_SELECTION | Selection | Importing | Yes | No |
| IV\_HEADER | Header | Importing | No | No |
| IV\_TEXT | Text | Importing | No | No |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_RENDER | IO\_RENDER | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | Yes | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | Yes | Yes |

Code comment

\*& -----------------------------------------------------------------  
\*& Method RENDER\_ADD\_INFO  
\*& -----------------------------------------------------------------  
\*& Outputs data parameters (type, length, decimals...), conversion routine  
\*& and fixed values or entity table  
\*&  
\*& Uses the following flags in is\_output\_options  
\*& tech\_docu + print\_empty\_par to output content of "goto/documentation"  
\*& -----------------------------------------------------------------

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | IV\_OBJ\_TYPE | Importing | No | No |
| RV\_OBJ\_NAME | RV\_OBJ\_NAME | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_XML\_DOCUMENT | IO\_XML\_DOCUMENT | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_DTEL

Description: PLUGIN Data dictionary - Dtel

Superclass: ZCL\_KCT\_ABAP\_DOC

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | Yes | g 8 |  |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | Yes | g 8 |  |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | Yes | g 8 |  |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | Yes | g 8 |  |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | Yes | g 8 |  |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | Yes | g 8 |  |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | Yes | g 8 |  |
| CO\_NODE\_ROOT | Name root node | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | Yes | g 8 |  |
| GV\_OBJ\_NAME | Name object | Public | Yes | g 8 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | Yes | No | No |
| CHECK\_EXISTS | Test of object existence | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | Yes | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | Yes | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | Yes | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | Yes | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | Yes | Yes | No |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | Yes | Yes | No |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | Yes | Yes | No |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | Yes | No | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | Yes | Yes | No |
| OLE\_WORD\_ADD\_INFO\_ROW | Creates a new teble row | Public | No | No | No |
| RENDER\_ADD\_INFO | Creates Word document object | Public | Yes | Yes | No |
| VALUE\_HELP | value help from DDIC | Public | Yes | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | Yes | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | CV\_TITLE | Changing | No | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | RV\_EXISTS | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | NAME | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_FROM\_LINE | IV\_FROM\_LINE | Importing | No | Yes |
| IV\_UP\_TO\_LINE | IV\_UP\_TO\_LINE | Importing | No | Yes |
| IT\_KEY\_WORDS | IT\_KEY\_WORDS | Importing | No | Yes |
| RT\_TEXT | RT\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_DOCUMENT\_CLASS | IV\_DOCUMENT\_CLASS | Importing | No | Yes |
| RT\_DOCUMENTATION | RT\_DOCUMENTATION | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | IV\_DOMAIN\_NAME | Importing | No | No |
| IV\_DOMAIN\_VALUE | IV\_DOMAIN\_VALUE | Importing | No | No |
| RV\_DOMAIN\_TEXT | RV\_DOMAIN\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | RV\_OBJECT\_ORDER | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | EV\_OBJECT\_TEXT\_SINGL | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | EV\_OBJECT\_TEXT\_MULTI | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | RV\_OBJECT\_TYPE | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | IV\_OUTPUT\_TYPE | Importing | No | No |
| RV\_SUPPORT | RV\_SUPPORT | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IS\_OLE\_WORD | IS\_OLE\_WORD | Importing | Yes | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO\_ROW

Description: Creates a new teble row

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OLE\_FONT | Font | Importing | No | No |
| IS\_OLE\_SELECTION | Selection | Importing | Yes | No |
| IV\_HEADER | Header | Importing | No | No |
| IV\_TEXT | Text | Importing | No | No |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_RENDER | IO\_RENDER | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | Yes | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | Yes | Yes |

Code comment

\*& -----------------------------------------------------------------  
\*& Method RENDER\_ADD\_INFO  
\*& -----------------------------------------------------------------  
\*& Outputs description, domain name, data parameters (type,length,decimals etc.)  
\*&  
\*& Uses the following flags in is\_output\_options  
\*& tech\_docu + print\_empty\_par to output content of "goto/documentation"  
\*& -----------------------------------------------------------------

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | IV\_OBJ\_TYPE | Importing | No | No |
| RV\_OBJ\_NAME | RV\_OBJ\_NAME | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_XML\_DOCUMENT | IO\_XML\_DOCUMENT | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_FUNCTIONGROUP

Description: PLUGIN Funtional group

Superclass: ZCL\_KCT\_ABAP\_DOC

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | Yes | g 8 |  |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | Yes | g 8 |  |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | Yes | g 8 |  |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | Yes | g 8 |  |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | Yes | g 8 |  |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | Yes | g 8 |  |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | Yes | g 8 |  |
| CO\_NODE\_ROOT | Name root node | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | Yes | g 8 |  |
| GV\_OBJ\_NAME | Name object | Public | Yes | g 8 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | Yes | No | No |
| CHECK\_EXISTS | Test of object existence | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | Yes | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | Yes | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | Yes | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | Yes | No | No |
| GET\_INCLUDES | Get includes of Functional group | Private | No | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | Yes | Yes | No |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | Yes | Yes | No |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | Yes | Yes | No |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | Yes | No | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | Yes | Yes | No |
| RENDER\_ADD\_INFO | Creates Word document object | Public | Yes | Yes | No |
| VALUE\_HELP | value help from DDIC | Public | Yes | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | Yes | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | CV\_TITLE | Changing | No | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | RV\_EXISTS | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | NAME | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_FROM\_LINE | IV\_FROM\_LINE | Importing | No | Yes |
| IV\_UP\_TO\_LINE | IV\_UP\_TO\_LINE | Importing | No | Yes |
| IT\_KEY\_WORDS | IT\_KEY\_WORDS | Importing | No | Yes |
| RT\_TEXT | RT\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_DOCUMENT\_CLASS | IV\_DOCUMENT\_CLASS | Importing | No | Yes |
| RT\_DOCUMENTATION | RT\_DOCUMENTATION | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | IV\_DOMAIN\_NAME | Importing | No | No |
| IV\_DOMAIN\_VALUE | IV\_DOMAIN\_VALUE | Importing | No | No |
| RV\_DOMAIN\_TEXT | RV\_DOMAIN\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_INCLUDES

Description: Get includes of Functional group

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_FUNCTION\_GROUP | F.group name | Importing | No | No |
| RT\_INCLUDE | List of includes | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | RV\_OBJECT\_ORDER | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | EV\_OBJECT\_TEXT\_SINGL | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | EV\_OBJECT\_TEXT\_MULTI | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | RV\_OBJECT\_TYPE | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | IV\_OUTPUT\_TYPE | Importing | No | No |
| RV\_SUPPORT | RV\_SUPPORT | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IS\_OLE\_WORD | IS\_OLE\_WORD | Importing | Yes | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_RENDER | IO\_RENDER | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | Yes | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | Yes | Yes |

Code comment

\*& -----------------------------------------------------------------  
\*& Method RENDER\_ADD\_INFO  
\*& -----------------------------------------------------------------  
\*& Outputs description, documentation, code comments, includes,  
\*& FM list, FM detail (interfaces, code comments) etc.  
\*&  
\*& Uses the following flags in is\_output\_options:  
\*& - tech\_docu (output content of "goto/documentation" for FuGr and FM)  
\*& - print\_empty\_par (output empty paragraphs in docu and in code comments)  
\*& - module\_interfaces (output FM parameters)  
\*& - only\_main\_comments (code comments only for main program)  
\*& -----------------------------------------------------------------

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | IV\_OBJ\_TYPE | Importing | No | No |
| RV\_OBJ\_NAME | RV\_OBJ\_NAME | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_XML\_DOCUMENT | IO\_XML\_DOCUMENT | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_MAIN

Description: Main documentation class

Superclass: OBJECT

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_OUTPUT\_DOCUMENT\_DOCX | Output document type | Public | No | C 20 | 'DOCX' |
| CO\_OUTPUT\_DOCUMENT\_OLE\_DOC | Output document type | Public | No | C 20 | 'OLE\_DOC' |
| CO\_OUTPUT\_DOCUMENT\_XML | Output document type | Public | No | C 20 | 'XML' |
| GS\_OLE\_ACTDOC | OLE object ActiveDocument | Private | No | u 176 |  |
| GS\_OLE\_ACTWIN | OLE object ActiveWindow | Private | No | u 176 |  |
| GS\_OLE\_APPLICATION | OLE object Application | Private | No | u 176 |  |
| GS\_OLE\_BORDER | OLE object Border | Private | No | u 176 |  |
| GS\_OLE\_CELL | OLE object Cell | Private | No | u 176 |  |
| GS\_OLE\_DOCUMENTS | OLE objekt Documents | Private | No | u 176 |  |
| GS\_OLE\_FONT | OLE Object Font | Private | No | u 176 |  |
| GS\_OLE\_OPTIONS | OLE object Options | Private | No | u 176 |  |
| GS\_OLE\_PARAGRAPHS | OLE object Paragraph | Private | No | u 176 |  |
| GS\_OLE\_PARFORMAT | OLE object ParagraphFormat | Private | No | u 176 |  |
| GS\_OLE\_RANGE | OLE object Range | Private | No | u 176 |  |
| GS\_OLE\_SELECTION | OLE Object Selection | Private | No | u 176 |  |
| GS\_OLE\_TABLE | OLE object Table | Private | No | u 176 |  |
| GS\_OLE\_TABLES | OLE object Tables | Private | No | u 176 |  |
| GS\_OLE\_VIEW | OLE object View | Private | No | u 176 |  |
| GS\_OLE\_WORD | OLE objekt Word - Application | Private | No | u 176 |  |
| GT\_OBJECT\_ALV | Tabulka objektu pro alv | Private | No | h 8 |  |
| GT\_PLUGIN | Tabulka trid pluginu | Private | No | h 8 |  |
| OUTPUT\_OPTIONS | Document output options | Private | No | v 40 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| CONSTRUCTOR | CONSTRUCTOR | Public | No | No | No |
| GENERATE\_TECH\_DOC | Generates the technical documentation | Public | No | No | No |
| GET | Returns an instance of this class | Public | No | No | No |
| GET\_OBJECT\_ALV | returns the table of objects for ALV | Public | No | No | No |
| GET\_PLUGIN | returns PLUGIN table | Public | No | No | No |
| INIT\_OBJECT | Object data initialization | Public | No | No | No |
| OLE\_WORD\_ADD\_TABLE\_OBJ\_TYPE | adds object list to WORD | Private | No | No | No |
| OLE\_WORD\_ADD\_TEXT\_OBJ\_TYPE | adds object list headline to WORD | Private | No | No | No |
| OLE\_WORD\_FREE | disposes the OLE WORD | Private | No | No | No |
| OLE\_WORD\_INITIALIZE | initializaton of OLE for WORD | Private | No | No | No |
| RENDER\_TECH\_DOC | Generates the tech.documentation using render class | Private | No | No | No |
| SET\_OBJECT\_ALV | fills the table of objects for ALV | Public | No | No | No |
| SET\_OUTPUT\_OPTIONS | Set document output options | Public | No | No | No |
| XML\_TECH\_DOC | Generates the tech.documentation using XML | Private | No | No | No |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OUTPUT\_OPTIONS | Document output options | Importing | No | Yes |

* + 1. Method GENERATE\_TECH\_DOC

Description: Generates the technical documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_RENDER | Interface for document rendering objects | Importing | No | Yes |
| IO\_XML\_DOCUMENT | XML Document for WF- WEB Activity | Importing | No | Yes |
| EF\_RESULT | General flag | Exporting | Yes | Yes |
| EV\_TEXT\_ERROR | Error text | Exporting | Yes | Yes |

* + 1. Method GET

Description: Returns an instance of this class

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OUTPUT\_OPTIONS | Output options | Importing | No | Yes |
| RO\_MAIN | Main documentation class | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ALV

Description: returns the table of objects for ALV

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RT\_OBJECT\_ALV | Object table for ALV | Returning | Yes | Yes |

* + 1. Method GET\_PLUGIN

Description: returns PLUGIN table

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RT\_PLUGIN | Table of plugin classes | Returning | Yes | Yes |

* + 1. Method INIT\_OBJECT

Description: Object data initialization

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | Output document type | Importing | No | No |
| IV\_OBJ\_TYPE | Object type | Importing | No | Yes |
| IV\_OBJECT | Object name | Importing | No | Yes |
| IV\_PACKAGE | Package | Importing | No | Yes |
| IV\_TRANSPORT | Request/task | Importing | No | Yes |
| RF\_RESULT | General flag | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_TABLE\_OBJ\_TYPE

Description: adds object list to WORD

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_PLUGIN | Document plugin | Importing | No | No |
| EV\_TEXT\_ERROR | Error text | Exporting | No | Yes |
| EF\_RESULT | General flag | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_ADD\_TEXT\_OBJ\_TYPE

Description: adds object list headline to WORD

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_PLUGIN | Document plugin | Importing | No | No |
| EV\_TEXT\_ERROR | Error text | Exporting | No | Yes |
| EF\_RESULT | General flag | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_FREE

Description: disposes the OLE WORD

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_TEXT\_ERROR | Error text | Exporting | No | Yes |
| EF\_RESULT | General flag | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_INITIALIZE

Description: initializaton of OLE for WORD

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_TEXT\_ERROR | Error text | Exporting | No | Yes |
| EF\_RESULT | General flag | Exporting | No | Yes |

* + 1. Method RENDER\_TECH\_DOC

Description: Generates the tech.documentation using render class

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_RENDER | Interface for document rendering objects | Importing | Yes | Yes |
| EF\_RESULT | General flag | Exporting | Yes | Yes |
| EV\_TEXT\_ERROR | Error text | Exporting | Yes | Yes |

* + 1. Method SET\_OBJECT\_ALV

Description: fills the table of objects for ALV

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_OBJECT\_ALV | Object table for ALV | Importing | Yes | No |

* + 1. Method SET\_OUTPUT\_OPTIONS

Description: Set document output options

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OUTPUT\_OPTIONS | Document output options | Importing | No | No |

* + 1. Method XML\_TECH\_DOC

Description: Generates the tech.documentation using XML

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_XML\_DOCUMENT | Interface for document rendering objects | Importing | Yes | Yes |
| EF\_RESULT | General flag | Exporting | Yes | Yes |
| EV\_TEXT\_ERROR | Error text | Exporting | Yes | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_NUM\_RANGES

Description: PLUGIN Number ranges

Superclass: ZCL\_KCT\_ABAP\_DOC

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | Yes | g 8 |  |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | Yes | g 8 |  |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | Yes | g 8 |  |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | Yes | g 8 |  |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | Yes | g 8 |  |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | Yes | g 8 |  |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | Yes | g 8 |  |
| CO\_NODE\_ROOT | Name root node | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | Yes | g 8 |  |
| GV\_OBJ\_NAME | Name object | Public | Yes | g 8 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | Yes | No | No |
| CHECK\_EXISTS | Test of object existence | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | Yes | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | Yes | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | Yes | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | Yes | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | Yes | Yes | No |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | Yes | Yes | No |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | Yes | Yes | No |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | Yes | No | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | Yes | Yes | No |
| OLE\_WORD\_ADD\_INFO\_ROW | Creates a new table row | Public | No | No | No |
| RENDER\_ADD\_INFO | Creates Word document object | Public | Yes | Yes | No |
| VALUE\_HELP | value help from DDIC | Public | Yes | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | Yes | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | CV\_TITLE | Changing | No | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | RV\_EXISTS | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | NAME | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_FROM\_LINE | IV\_FROM\_LINE | Importing | No | Yes |
| IV\_UP\_TO\_LINE | IV\_UP\_TO\_LINE | Importing | No | Yes |
| IT\_KEY\_WORDS | IT\_KEY\_WORDS | Importing | No | Yes |
| RT\_TEXT | RT\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_DOCUMENT\_CLASS | IV\_DOCUMENT\_CLASS | Importing | No | Yes |
| RT\_DOCUMENTATION | RT\_DOCUMENTATION | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | IV\_DOMAIN\_NAME | Importing | No | No |
| IV\_DOMAIN\_VALUE | IV\_DOMAIN\_VALUE | Importing | No | No |
| RV\_DOMAIN\_TEXT | RV\_DOMAIN\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | RV\_OBJECT\_ORDER | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | EV\_OBJECT\_TEXT\_SINGL | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | EV\_OBJECT\_TEXT\_MULTI | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | RV\_OBJECT\_TYPE | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | IV\_OUTPUT\_TYPE | Importing | No | No |
| RV\_SUPPORT | RV\_SUPPORT | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IS\_OLE\_WORD | IS\_OLE\_WORD | Importing | Yes | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO\_ROW

Description: Creates a new table row

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OLE\_FONT | Font | Importing | No | No |
| IS\_OLE\_SELECTION | Selection | Importing | Yes | No |
| IV\_HEADER | Header | Importing | No | No |
| IV\_TEXT | Text | Importing | No | No |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_RENDER | IO\_RENDER | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | Yes | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | Yes | Yes |

Code comment

\*& -----------------------------------------------------------------  
\*& Method RENDER\_ADD\_INFO  
\*& -----------------------------------------------------------------  
\*& Outputs description, subobj data element, %warning,  
\*& memory buffering, list of intervals etc.  
\*&  
\*& Uses no flags in is\_output\_options.  
\*& -----------------------------------------------------------------

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | IV\_OBJ\_TYPE | Importing | No | No |
| RV\_OBJ\_NAME | RV\_OBJ\_NAME | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_XML\_DOCUMENT | IO\_XML\_DOCUMENT | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_PROGRAM

Description: PLUGIN Programs

Superclass: ZCL\_KCT\_ABAP\_DOC

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | Yes | g 8 |  |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | Yes | g 8 |  |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | Yes | g 8 |  |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | Yes | g 8 |  |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | Yes | g 8 |  |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | Yes | g 8 |  |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | Yes | g 8 |  |
| CO\_NODE\_ROOT | Name root node | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | Yes | g 8 |  |
| GV\_OBJ\_NAME | Name object | Public | Yes | g 8 |  |
| LCO\_BLOCK | Block of text | Private | No | g 8 | 'BLOCK' |
| LCO\_NOT\_DEFINED | Not defined value | Private | No | g 8 | '-' |
| LCO\_PARAMETER | Selection parameter | Private | No | g 8 | 'PAR' |
| LCO\_SCREEN\_DESCRIPTION | Screen description | Private | No | g 8 | 'SCREEN\_DESCR' |
| LCO\_SELECTION\_OPTION | Selection option | Private | No | g 8 | 'SO' |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | Yes | No | No |
| CHECK\_EXISTS | Test of object existence | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | Yes | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | Yes | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | Yes | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | Yes | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | Yes | Yes | No |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | Yes | Yes | No |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | Yes | Yes | No |
| GET\_PROGRAM\_INCLUDES | Get program inlcludes | Private | No | No | No |
| GET\_SCREEN | Get screen detail | Private | No | No | No |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | Yes | No | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | Yes | Yes | No |
| OLE\_WORD\_ADD\_INFO\_ROW | Adds newline to WORD | Public | No | No | No |
| RENDER\_ADD\_INFO | Creates Word document object | Public | Yes | Yes | No |
| VALUE\_HELP | value help from DDIC | Public | Yes | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | Yes | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | CV\_TITLE | Changing | No | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | RV\_EXISTS | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | NAME | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_FROM\_LINE | IV\_FROM\_LINE | Importing | No | Yes |
| IV\_UP\_TO\_LINE | IV\_UP\_TO\_LINE | Importing | No | Yes |
| IT\_KEY\_WORDS | IT\_KEY\_WORDS | Importing | No | Yes |
| RT\_TEXT | RT\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_DOCUMENT\_CLASS | IV\_DOCUMENT\_CLASS | Importing | No | Yes |
| RT\_DOCUMENTATION | RT\_DOCUMENTATION | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | IV\_DOMAIN\_NAME | Importing | No | No |
| IV\_DOMAIN\_VALUE | IV\_DOMAIN\_VALUE | Importing | No | No |
| RV\_DOMAIN\_TEXT | RV\_DOMAIN\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | RV\_OBJECT\_ORDER | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | EV\_OBJECT\_TEXT\_SINGL | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | EV\_OBJECT\_TEXT\_MULTI | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | RV\_OBJECT\_TYPE | Returning | Yes | Yes |

* + 1. Method GET\_PROGRAM\_INCLUDES

Description: Get program inlcludes

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_PROGRAM | Main program | Importing | No | No |
| RT\_PROGRAM\_INCLUDE | Program include list | Returning | Yes | Yes |

* + 1. Method GET\_SCREEN

Description: Get screen detail

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_PROGRAM | Program name | Importing | No | No |
| RT\_SCREEN | Screen detail | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | IV\_OUTPUT\_TYPE | Importing | No | No |
| RV\_SUPPORT | RV\_SUPPORT | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IS\_OLE\_WORD | IS\_OLE\_WORD | Importing | Yes | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO\_ROW

Description: Adds newline to WORD

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OLE\_FONT | Font | Importing | No | No |
| IS\_OLE\_SELECTION | Selection | Importing | Yes | No |
| IV\_HEADER | Header | Importing | No | No |
| IV\_TEXT | Text | Importing | No | No |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_RENDER | IO\_RENDER | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | Yes | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | Yes | Yes |

Code comment

\*& -----------------------------------------------------------------  
\*& Method RENDER\_ADD\_INFO  
\*& -----------------------------------------------------------------  
\*& Outputs program description, documentation, list of includes,  
\*& screen elements and code comments.  
\*&  
\*& Uses the following flags in is\_output\_options  
\*& - tech\_docu (output content of "goto/documentation")  
\*& - prg\_sel\_screen, other\_prg\_screen - output the sel. screen  
\*& - only\_main\_comments (code comments only for main program)  
\*& - print\_empty\_par (output empty paragraphs in docu and in code comments)  
\*& -----------------------------------------------------------------

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | IV\_OBJ\_TYPE | Importing | No | No |
| RV\_OBJ\_NAME | RV\_OBJ\_NAME | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_XML\_DOCUMENT | IO\_XML\_DOCUMENT | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_SEARCH\_HELPS

Description: PLUGIN Data dictionary - Search Helps

Superclass: ZCL\_KCT\_ABAP\_DOC

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | Yes | g 8 |  |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | Yes | g 8 |  |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | Yes | g 8 |  |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | Yes | g 8 |  |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | Yes | g 8 |  |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | Yes | g 8 |  |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | Yes | g 8 |  |
| CO\_NODE\_ROOT | Name root node | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | Yes | g 8 |  |
| GV\_OBJ\_NAME | Name object | Public | Yes | g 8 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | Yes | No | No |
| CHECK\_EXISTS | Test of object existence | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | Yes | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | Yes | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | Yes | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | Yes | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | Yes | Yes | No |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | Yes | Yes | No |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | Yes | Yes | No |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | Yes | No | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | Yes | Yes | No |
| OLE\_WORD\_ADD\_INFO\_ROW | Creates a new teble row | Public | No | No | No |
| RENDER\_ADD\_INFO | Creates Word document object | Public | Yes | Yes | No |
| SELECT\_DDTEXT | Reads search help text | Private | No | No | No |
| VALUE\_HELP | value help from DDIC | Public | Yes | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | Yes | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | CV\_TITLE | Changing | No | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | RV\_EXISTS | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | NAME | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_FROM\_LINE | IV\_FROM\_LINE | Importing | No | Yes |
| IV\_UP\_TO\_LINE | IV\_UP\_TO\_LINE | Importing | No | Yes |
| IT\_KEY\_WORDS | IT\_KEY\_WORDS | Importing | No | Yes |
| RT\_TEXT | RT\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_DOCUMENT\_CLASS | IV\_DOCUMENT\_CLASS | Importing | No | Yes |
| RT\_DOCUMENTATION | RT\_DOCUMENTATION | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | IV\_DOMAIN\_NAME | Importing | No | No |
| IV\_DOMAIN\_VALUE | IV\_DOMAIN\_VALUE | Importing | No | No |
| RV\_DOMAIN\_TEXT | RV\_DOMAIN\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | RV\_OBJECT\_ORDER | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | EV\_OBJECT\_TEXT\_SINGL | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | EV\_OBJECT\_TEXT\_MULTI | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | RV\_OBJECT\_TYPE | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | IV\_OUTPUT\_TYPE | Importing | No | No |
| RV\_SUPPORT | RV\_SUPPORT | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IS\_OLE\_WORD | IS\_OLE\_WORD | Importing | Yes | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO\_ROW

Description: Creates a new teble row

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OLE\_FONT | Font | Importing | No | No |
| IS\_OLE\_SELECTION | Selection | Importing | Yes | No |
| IV\_HEADER | Header | Importing | No | No |
| IV\_TEXT | Text | Importing | No | No |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_RENDER | IO\_RENDER | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | Yes | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | Yes | Yes |

Code comment

\*& -----------------------------------------------------------------  
\*& Method RENDER\_ADD\_INFO  
\*& -----------------------------------------------------------------  
\*& Outputs description, selection method, text table, FM exit and list of parameters  
\*&  
\*& Uses the following flags in is\_output\_options  
\*& tech\_docu + print\_empty\_par to output content of "goto/documentation"  
\*& -----------------------------------------------------------------

* + 1. Method SELECT\_DDTEXT

Description: Reads search help text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| ES\_DD30T | Search help texts | Exporting | No | Yes |

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | IV\_OBJ\_TYPE | Importing | No | No |
| RV\_OBJ\_NAME | RV\_OBJ\_NAME | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_XML\_DOCUMENT | IO\_XML\_DOCUMENT | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_TABLE

Description: PLUGIN Data dictionary - Table/Strukture

Superclass: ZCL\_KCT\_ABAP\_DOC

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | Yes | g 8 |  |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | Yes | g 8 |  |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | Yes | g 8 |  |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | Yes | g 8 |  |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | Yes | g 8 |  |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | Yes | g 8 |  |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | Yes | g 8 |  |
| CO\_NODE\_ROOT | Name root node | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | Yes | g 8 |  |
| GV\_OBJ\_NAME | Name object | Public | Yes | g 8 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | Yes | No | No |
| CHECK\_EXISTS | Test of object existence | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | Yes | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | Yes | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | Yes | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | Yes | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | Yes | Yes | No |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | Yes | Yes | No |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | Yes | Yes | No |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | Yes | No | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | Yes | Yes | No |
| OLE\_WORD\_ADD\_INFO\_ROW | Adds newline to WORD | Public | No | No | No |
| RENDER\_ADD\_INFO | Creates Word document object | Public | Yes | Yes | No |
| VALUE\_HELP | value help from DDIC | Public | Yes | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | Yes | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | CV\_TITLE | Changing | No | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | RV\_EXISTS | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | NAME | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_FROM\_LINE | IV\_FROM\_LINE | Importing | No | Yes |
| IV\_UP\_TO\_LINE | IV\_UP\_TO\_LINE | Importing | No | Yes |
| IT\_KEY\_WORDS | IT\_KEY\_WORDS | Importing | No | Yes |
| RT\_TEXT | RT\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_DOCUMENT\_CLASS | IV\_DOCUMENT\_CLASS | Importing | No | Yes |
| RT\_DOCUMENTATION | RT\_DOCUMENTATION | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | IV\_DOMAIN\_NAME | Importing | No | No |
| IV\_DOMAIN\_VALUE | IV\_DOMAIN\_VALUE | Importing | No | No |
| RV\_DOMAIN\_TEXT | RV\_DOMAIN\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | RV\_OBJECT\_ORDER | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | EV\_OBJECT\_TEXT\_SINGL | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | EV\_OBJECT\_TEXT\_MULTI | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | RV\_OBJECT\_TYPE | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | IV\_OUTPUT\_TYPE | Importing | No | No |
| RV\_SUPPORT | RV\_SUPPORT | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IS\_OLE\_WORD | IS\_OLE\_WORD | Importing | Yes | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO\_ROW

Description: Adds newline to WORD

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OLE\_FONT | Font | Importing | No | No |
| IS\_OLE\_SELECTION | Selection | Importing | Yes | No |
| IV\_HEADER | Header | Importing | No | No |
| IV\_TEXT | Text | Importing | No | No |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_RENDER | IO\_RENDER | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | Yes | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | Yes | Yes |

Code comment

\*& -----------------------------------------------------------------  
\*& Method RENDER\_ADD\_INFO  
\*& -----------------------------------------------------------------  
\*& Outputs description, table class, client dependency, maintenance flag,  
\*& buffering and list of components  
\*&  
\*& Uses the following flags in is\_output\_options  
\*& tech\_docu + print\_empty\_par to output content of "goto/documentation"  
\*& -----------------------------------------------------------------

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | IV\_OBJ\_TYPE | Importing | No | No |
| RV\_OBJ\_NAME | RV\_OBJ\_NAME | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_XML\_DOCUMENT | IO\_XML\_DOCUMENT | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_TABLE\_TYPE

Description: PLUGIN Data dictionary - Type table

Superclass: ZCL\_KCT\_ABAP\_DOC

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | Yes | g 8 |  |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | Yes | g 8 |  |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | Yes | g 8 |  |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | Yes | g 8 |  |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | Yes | g 8 |  |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | Yes | g 8 |  |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | Yes | g 8 |  |
| CO\_NODE\_ROOT | Name root node | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | Yes | g 8 |  |
| GV\_OBJ\_NAME | Name object | Public | Yes | g 8 |  |
| LCO\_BLOCK | Block of text | Private | No | g 8 | 'BLOCK' |
| LCO\_NOT\_DEFINED | Not defined value | Private | No | g 8 | '-' |
| LCO\_PARAMETER | Selection parameter | Private | No | g 8 | 'PAR' |
| LCO\_SCREEN\_DESCRIPTION | Screen description | Private | No | g 8 | 'SCREEN\_DESCR' |
| LCO\_SELECTION\_OPTION | Selection option | Private | No | g 8 | 'SO' |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | Yes | No | No |
| CHECK\_EXISTS | Test of object existence | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | Yes | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | Yes | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | Yes | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | Yes | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | Yes | Yes | No |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | Yes | Yes | No |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | Yes | Yes | No |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | Yes | No | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | Yes | Yes | No |
| OLE\_WORD\_ADD\_INFO\_ROW | Adds newline to WORD | Public | No | No | No |
| RENDER\_ADD\_INFO | Creates Word document object | Public | Yes | Yes | No |
| VALUE\_HELP | value help from DDIC | Public | Yes | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | Yes | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | CV\_TITLE | Changing | No | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | RV\_EXISTS | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | NAME | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_FROM\_LINE | IV\_FROM\_LINE | Importing | No | Yes |
| IV\_UP\_TO\_LINE | IV\_UP\_TO\_LINE | Importing | No | Yes |
| IT\_KEY\_WORDS | IT\_KEY\_WORDS | Importing | No | Yes |
| RT\_TEXT | RT\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_DOCUMENT\_CLASS | IV\_DOCUMENT\_CLASS | Importing | No | Yes |
| RT\_DOCUMENTATION | RT\_DOCUMENTATION | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | IV\_DOMAIN\_NAME | Importing | No | No |
| IV\_DOMAIN\_VALUE | IV\_DOMAIN\_VALUE | Importing | No | No |
| RV\_DOMAIN\_TEXT | RV\_DOMAIN\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | RV\_OBJECT\_ORDER | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | EV\_OBJECT\_TEXT\_SINGL | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | EV\_OBJECT\_TEXT\_MULTI | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | RV\_OBJECT\_TYPE | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | IV\_OUTPUT\_TYPE | Importing | No | No |
| RV\_SUPPORT | RV\_SUPPORT | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IS\_OLE\_WORD | IS\_OLE\_WORD | Importing | Yes | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO\_ROW

Description: Adds newline to WORD

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OLE\_FONT | Font | Importing | No | No |
| IS\_OLE\_SELECTION | Selection | Importing | Yes | No |
| IV\_HEADER | Header | Importing | No | No |
| IV\_TEXT | Text | Importing | No | No |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_RENDER | IO\_RENDER | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | Yes | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | Yes | Yes |

Code comment

\*& -----------------------------------------------------------------  
\*& Method RENDER\_ADD\_INFO  
\*& -----------------------------------------------------------------  
\*& Outputs description, documentation, line type, access mode and key category.  
\*&  
\*& Uses the following flag in is\_output\_options  
\*& - tech\_docu (output content of "goto/documentation")  
\*& -----------------------------------------------------------------

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | IV\_OBJ\_TYPE | Importing | No | No |
| RV\_OBJ\_NAME | RV\_OBJ\_NAME | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_XML\_DOCUMENT | IO\_XML\_DOCUMENT | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_WDC\_COMP

Description: PLUGIN Web dynpro component

Superclass: ZCL\_KCT\_ABAP\_DOC

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CO\_BSP\_TYPE\_CONTROLLER | Name node - controller in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FLOW | Name node - Flow Logic in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_FRAGMENT | Name node - Fragment in BSP | Public | Yes | g 8 |  |
| CO\_BSP\_TYPE\_VIEW | Name node - view in BSP | Public | Yes | g 8 |  |
| CO\_HANDLER\_EVENT | Name node - event handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_LIST\_INCLUDE | Name node - list handler | Public | Yes | g 8 |  |
| CO\_HANDLER\_TREE\_INCLUDE | Name node - tree handler | Public | Yes | g 8 |  |
| CO\_NODE\_1COL | Name 1. col, Object WebDynpro | Public | Yes | g 8 |  |
| CO\_NODE\_2COL | Name 2. col, Object WDC | Public | Yes | g 8 |  |
| CO\_NODE\_3COL | Name 3. col, Plug - Include | Public | Yes | g 8 |  |
| CO\_NODE\_3COL\_A | Name 3. col, Handler | Public | Yes | g 8 |  |
| CO\_NODE\_4COL | Name 4. col, Navigation | Public | Yes | g 8 |  |
| CO\_NODE\_ROOT | Name root node | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_BSP | Name node - bsp | Public | Yes | g 8 |  |
| CO\_OBJ\_TYPE\_WDC | Name node - web dynpro component | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_IN | Name node - Entry point | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_INCLUDE | Name node - Include object | Public | Yes | g 8 |  |
| CO\_PLUG\_TYPE\_OUT | Name node - Exit point | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_USED | Name node - Used component in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_VIEW | Name node - view in WDC | Public | Yes | g 8 |  |
| CO\_WDC\_TYPE\_WINDOW | Name node - winodw in WDC | Public | Yes | g 8 |  |
| GT\_MY\_VSH\_NODES | Table for VSH nodes | Protected | No | h 8 |  |
| GT\_NAVIGATION\_LINKS | Table for navigation link | Protected | No | h 8 |  |
| GT\_NAVIGATION\_TARGET\_REFS | Table for navigation target | Protected | No | h 8 |  |
| GT\_VSH\_PLACEHOLDERS | Table for places holders | Protected | No | h 8 |  |
| GV\_OBJ\_NAME | Name object | Public | Yes | g 8 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_NA\_TO\_TITLE | Appends the text 'N/A' to the title | Protected | Yes | No | No |
| ADD\_WD\_CONTEXT | Render wd context | Private | No | No | No |
| ADD\_WD\_VIEW\_LAYOUT | Render wd view layout | Private | No | No | No |
| CHECK\_EXISTS | Test of object existence | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | Yes | No | No |
| CONVERT\_METHOD\_TYPE\_DESCR | Convert method type description | Private | No | No | No |
| COPY\_VSH\_NODES | copy and create path vsd nodes | Protected | No | No | No |
| GET\_CODE\_COMMENT | Get comment from ABAP code with string \*&\* | Public | Yes | No | No |
| GET\_COMPONENT\_BY\_NAME | Returns ref to component | Public | No | No | No |
| GET\_COMPONENT\_IF\_BY\_NAME | Returns ref to component interface | Public | No | No | No |
| GET\_COMP\_USAGE\_INFO | Get component usage info | Private | No | No | No |
| GET\_DATA\_TYPE\_DESCR | Data type description | Private | No | No | No |
| GET\_DOCUMENTATION | Get documentation | Public | Yes | No | No |
| GET\_DOMAIN\_TEXT | Converts value to domain text | Public | Yes | No | No |
| GET\_OBJECT\_ORDER | Returns a sortkey | Public | Yes | Yes | No |
| GET\_OBJECT\_TEXT | returns texts for plugin | Public | Yes | Yes | No |
| GET\_OBJECT\_TYPE | returns the object typu (out of plugin) | Public | Yes | Yes | No |
| IS\_SUPPORT\_OUTPUT\_TYPE | Return 'X' if support output document type | Public | Yes | Yes | No |
| OLE\_WORD\_ADD\_INFO | Word rendering | Public | Yes | Yes | No |
| READ\_COMPONENT\_DESCRIPTION | Return description of wd component | Public | No | No | No |
| RENDER\_ADD\_INFO | Creates Word document object | Public | Yes | Yes | No |
| RENDER\_ADD\_INFO\_CONTROLLER | WD CONTROLLER description | Public | No | No | No |
| RENDER\_ADD\_INFO\_VIEW | WD VIEW/WINDOW description | Public | No | No | No |
| RENDER\_CTX\_ATTRS | Render context attributes | Private | No | No | No |
| RENDER\_CTX\_NODES\_TREE\_RCS | Render context nodes | Private | No | No | No |
| RENDER\_EMPTY\_LINE | Renders an empty line | Private | No | No | No |
| RENDER\_LAYOUT\_LVL | Renders a layout level | Private | No | No | No |
| VALUE\_HELP | value help from DDIC | Public | Yes | No | No |
| XML\_ADD\_INFO | Create XML document object | Public | Yes | Yes | No |
| XML\_ADD\_INFO\_PLUG\_INCLUDE | XLM - add plug - include | Protected | No | No | No |
| XML\_ADD\_INFO\_PLUG\_IOBOUND | XLM - add plug - iinbound or outbound | Protected | No | No | No |
| XML\_ADD\_INFO\_VIEW | XLM - add View | Protected | No | No | No |
| XML\_ADD\_INFO\_WINDOW | XLM - add Window | Protected | No | No | No |

* + 1. Method ADD\_NA\_TO\_TITLE

Description: Appends the text 'N/A' to the title

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| CV\_TITLE | CV\_TITLE | Changing | No | No |

* + 1. Method ADD\_WD\_CONTEXT

Description: Render wd context

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_RENDER | Interface for document rendering objects | Importing | No | No |
| IT\_CTX\_NODES | . | Importing | No | No |
| IT\_CTX\_ATTRS | . | Importing | No | No |
| IT\_CTX\_MAPPINGS | . | Importing | No | No |

* + 1. Method ADD\_WD\_VIEW\_LAYOUT

Description: Render wd view layout

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_RENDER | Interface for document rendering objects | Importing | No | No |
| IT\_UI\_ELEMENTS | . | Importing | Yes | No |

* + 1. Method CHECK\_EXISTS

Description: Test of object existence

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_EXISTS | RV\_EXISTS | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| NAME | NAME | Importing | No | No |

* + 1. Method CONVERT\_METHOD\_TYPE\_DESCR

Description: Convert method type description

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_CMP\_TYPE | Web Dynpro: Class Name of Web Dynpro Metadata Object | Importing | No | No |
| RV\_DESCR | Description | Returning | Yes | Yes |

* + 1. Method COPY\_VSH\_NODES

Description: copy and create path vsd nodes

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IT\_VSH\_NODES | Table VSH nodes | Importing | No | No |

* + 1. Method GET\_CODE\_COMMENT

Description: Get comment from ABAP code with string \*&\*

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_FROM\_LINE | IV\_FROM\_LINE | Importing | No | Yes |
| IV\_UP\_TO\_LINE | IV\_UP\_TO\_LINE | Importing | No | Yes |
| IT\_KEY\_WORDS | IT\_KEY\_WORDS | Importing | No | Yes |
| RT\_TEXT | RT\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_COMPONENT\_BY\_NAME

Description: Returns ref to component

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_NAME | Web Dynpro: Component Name | Importing | Yes | No |
| IR\_OBJECT | Component | Exporting | Yes | Yes |

* + 1. Method GET\_COMPONENT\_IF\_BY\_NAME

Description: Returns ref to component interface

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_NAME | Web Dynpro: Component Name | Importing | Yes | No |
| IR\_OBJECT | Component | Exporting | Yes | Yes |

* + 1. Method GET\_COMP\_USAGE\_INFO

Description: Get component usage info

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RT\_COMP\_USAGE | . | Returning | Yes | Yes |

* + 1. Method GET\_DATA\_TYPE\_DESCR

Description: Data type description

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DATA\_TYPE | Data type | Importing | No | No |
| RV\_DESCR | Description | Returning | Yes | Yes |

* + 1. Method GET\_DOCUMENTATION

Description: Get documentation

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_NAME | IV\_OBJ\_NAME | Importing | No | No |
| IV\_DOCUMENT\_CLASS | IV\_DOCUMENT\_CLASS | Importing | No | Yes |
| RT\_DOCUMENTATION | RT\_DOCUMENTATION | Returning | Yes | Yes |

* + 1. Method GET\_DOMAIN\_TEXT

Description: Converts value to domain text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DOMAIN\_NAME | IV\_DOMAIN\_NAME | Importing | No | No |
| IV\_DOMAIN\_VALUE | IV\_DOMAIN\_VALUE | Importing | No | No |
| RV\_DOMAIN\_TEXT | RV\_DOMAIN\_TEXT | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_ORDER

Description: Returns a sortkey

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_ORDER | RV\_OBJECT\_ORDER | Returning | Yes | Yes |

* + 1. Method GET\_OBJECT\_TEXT

Description: returns texts for plugin

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| EV\_OBJECT\_TEXT\_SINGL | EV\_OBJECT\_TEXT\_SINGL | Exporting | Yes | Yes |
| EV\_OBJECT\_TEXT\_MULTI | EV\_OBJECT\_TEXT\_MULTI | Exporting | Yes | Yes |

* + 1. Method GET\_OBJECT\_TYPE

Description: returns the object typu (out of plugin)

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RV\_OBJECT\_TYPE | RV\_OBJECT\_TYPE | Returning | Yes | Yes |

* + 1. Method IS\_SUPPORT\_OUTPUT\_TYPE

Description: Return 'X' if support output document type

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OUTPUT\_TYPE | IV\_OUTPUT\_TYPE | Importing | No | No |
| RV\_SUPPORT | RV\_SUPPORT | Returning | Yes | Yes |

* + 1. Method OLE\_WORD\_ADD\_INFO

Description: Word rendering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IS\_OLE\_WORD | IS\_OLE\_WORD | Importing | Yes | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method READ\_COMPONENT\_DESCRIPTION

Description: Return description of wd component

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_NAME | Web Dynpro: Component Name | Importing | Yes | No |
| IV\_LANGU | Language Key of Current Text Environment | Importing | Yes | Yes |
| EV\_DESCRIPTION | Web Dynpro: Short Description of an Object | Exporting | Yes | Yes |

* + 1. Method RENDER\_ADD\_INFO

Description: Creates Word document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_RENDER | IO\_RENDER | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | Yes | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | Yes | Yes |

* + 1. Method RENDER\_ADD\_INFO\_CONTROLLER

Description: WD CONTROLLER description

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_RENDER | Interface for document rendering objects | Importing | No | No |
| IR\_CONTROLLER | Web Dynpro: Controller | Importing | No | No |
| EV\_TEXT\_ERROR | Error text message | Exporting | Yes | Yes |
| EF\_RESULT | General Flag | Exporting | Yes | Yes |

* + 1. Method RENDER\_ADD\_INFO\_VIEW

Description: WD VIEW/WINDOW description

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_RENDER | Interface for document rendering objects | Importing | No | No |
| IR\_VIEW | View | Importing | No | No |
| EV\_TEXT\_ERROR | Error text message | Exporting | Yes | Yes |
| EF\_RESULT | General Flag | Exporting | Yes | Yes |

Code comment

\*& -----------------------------------------------------------------  
\*& Method RENDER\_ADD\_INFO  
\*& -----------------------------------------------------------------  
\*& Outputs description, assistence class, comp. usages,  
\*& controller (methods, events, actions...), window-views.  
\*& If the object is an interface rather than component,  
\*& it outputs interface views and controller.  
\*&  
\*& Does not use any flags in is\_output\_options.  
\*& -----------------------------------------------------------------

* + 1. Method RENDER\_CTX\_ATTRS

Description: Render context attributes

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_RENDER | Interface for document rendering objects | Importing | No | No |
| IV\_NODE\_NAME | Web Dynpro: Name of a Context Node or Recursion Node | Importing | No | No |
| IV\_TREE\_LEVEL | Tree level | Importing | No | No |
| IT\_CTX\_ATTRS | Attributes | Importing | No | No |

* + 1. Method RENDER\_CTX\_NODES\_TREE\_RCS

Description: Render context nodes

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_RENDER | Interface for document rendering objects | Importing | No | No |
| IV\_PARENT\_ND\_NAME | Web Dynpro: Name of a Context Node or Recursion Node | Importing | No | No |
| IV\_TREE\_LEVEL | Tree level | Importing | No | No |
| IT\_CTX\_NODES | Nodes | Importing | No | No |
| IT\_CTX\_ATTRS | Attributes | Importing | No | No |

* + 1. Method RENDER\_EMPTY\_LINE

Description: Renders an empty line

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_RENDER | Interface for document rendering objects | Importing | No | No |

* + 1. Method RENDER\_LAYOUT\_LVL

Description: Renders a layout level

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_TREE\_LEVEL | Tree level | Importing | Yes | No |
| IV\_PARENT\_NAME | Web Dynpro: Name of a UI Element | Importing | Yes | No |
| IT\_UI\_ELEMENTS | UI elements | Importing | Yes | No |
| IO\_RENDER | Interface for document rendering objects | Importing | No | No |

* + 1. Method VALUE\_HELP

Description: value help from DDIC

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_OBJ\_TYPE | IV\_OBJ\_TYPE | Importing | No | No |
| RV\_OBJ\_NAME | RV\_OBJ\_NAME | Returning | Yes | Yes |

* + 1. Method XML\_ADD\_INFO

Description: Create XML document object

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IS\_OBJECT\_ALV | IS\_OBJECT\_ALV | Importing | No | No |
| IS\_OUTPUT\_OPTIONS | IS\_OUTPUT\_OPTIONS | Importing | No | No |
| IO\_XML\_DOCUMENT | IO\_XML\_DOCUMENT | Importing | No | No |
| EV\_TEXT\_ERROR | EV\_TEXT\_ERROR | Exporting | No | Yes |
| EF\_RESULT | EF\_RESULT | Exporting | No | Yes |

* + 1. Method XML\_ADD\_INFO\_PLUG\_INCLUDE

Description: XLM - add plug - include

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IF\_TREE\_VIEW | Use tree view - navigation | Importing | No | No |
| IO\_XML\_DOCUMENT | XML Document for WF- WEB Activity | Importing | No | No |
| IO\_XML\_NODE | IF\_IXML\_NODE | Importing | No | No |
| IS\_MY\_VSH\_NODE | Web Dynpro : View Key | Importing | No | No |
| EV\_TEXT\_ERROR | Error text message | Exporting | Yes | Yes |
| EF\_RESULT | General Flag | Exporting | Yes | Yes |

* + 1. Method XML\_ADD\_INFO\_PLUG\_IOBOUND

Description: XLM - add plug - iinbound or outbound

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_XML\_DOCUMENT | XML Document for WF- WEB Activity | Importing | No | No |
| IO\_XML\_NODE | IF\_IXML\_NODE | Importing | No | No |
| IS\_IOBOUND\_PLUG | Web Dynpro: Inbound/Outbound Plugs of Views | Importing | No | No |
| IS\_IOBOUND\_PLUG\_TEXT | Web Dynpro : Short Description of Inbound/Outbound Plugs | Importing | No | No |
| IF\_WINDOW | General Flag | Importing | No | No |
| IF\_TREE\_VIEW | Use tree view - navigation | Importing | No | No |
| IV\_VUSE\_NAME | Use name node | Importing | No | Yes |
| EV\_TEXT\_ERROR | Error text message | Exporting | Yes | Yes |
| EF\_RESULT | General Flag | Exporting | Yes | Yes |

* + 1. Method XML\_ADD\_INFO\_VIEW

Description: XLM - add View

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IF\_TREE\_VIEW | Use tree view - navigation | Importing | No | No |
| IO\_XML\_DOCUMENT | XML Document for WF- WEB Activity | Importing | No | No |
| IO\_XML\_NODE | IF\_IXML\_NODE | Importing | No | No |
| IS\_MD\_VIEW\_KEY | Web Dynpro : View Key | Importing | No | No |
| IS\_MY\_VSH\_NODE | VSH node | Importing | No | Yes |
| EV\_TEXT\_ERROR | Error text message | Exporting | Yes | Yes |
| EF\_RESULT | General Flag | Exporting | Yes | Yes |

* + 1. Method XML\_ADD\_INFO\_WINDOW

Description: XLM - add Window

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_XML\_DOCUMENT | XML Document for WF- WEB Activity | Importing | No | No |
| IO\_XML\_NODE | IF\_IXML\_NODE | Importing | No | No |
| IF\_TREE\_VIEW | Use tree view | Importing | No | No |
| IS\_MD\_VIEW\_KEY | Web Dynpro : View Key | Importing | No | No |
| EV\_TEXT\_ERROR | Error text message | Exporting | Yes | Yes |
| EF\_RESULT | General Flag | Exporting | Yes | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_ABAP\_DOC\_\_HELPER

Description: Pomocné metody pro ABAP\_DOC

Superclass: OBJECT

Class atributes – N/A

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| CLDES\_TO\_SUPERCLASS | Ke classdescription třídy vrátí cldes nadtřídu | Public | No | No | No |

* + 1. Method CLDES\_TO\_SUPERCLASS

Description: Ke classdescription třídy vrátí cldes nadtřídu

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_CLDES | Runtime Type Services | Importing | No | No |
| RV\_CLDES\_SUPERCLASS | Runtime Type Services | Returning | Yes | Yes |

* 1. Class (ABAP Objects) ZCL\_KCT\_DOCX\_RENDER\_S

Description: Simple Office Open Document render

Superclass: OBJECT

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CURRENT\_TABLE | Current table | Private | No | r 8 |  |
| CURRENT\_TABLE\_ROW | Current table row | Private | No | C 2 |  |
| DOCUMENT | Document | Private | No | r 8 |  |
| FONTS | Fonts | Private | No | r 8 |  |
| FOOTER | Footer | Private | No | r 8 |  |
| HEADER | Header | Private | No | r 8 |  |
| NUMBERINGS | Numberings | Private | No | r 8 |  |
| NUMBERING\_FORMAT\_DECIMAL | Numbering format decimal number | Public | No | C 2 | 'D' |
| NUMBERING\_MULTI\_LEVEL | Multi level numbering | Public | No | C 2 | 'M' |
| NUMBERING\_SINGLE\_LEVEL | Single level numbering | Public | No | C 2 | 'S' |
| STYLES | Styles | Private | No | r 8 |  |
| STYLE\_ID\_DEFAULT | Document Default Style ID | Public | No | g 8 | 'Normln' |
| STYLE\_TYPE\_CHARACTER | Character style | Public | No | C 2 | 'C' |
| STYLE\_TYPE\_PARAGRAPH | Paragraph style | Public | No | C 2 | 'P' |
| STYLE\_TYPE\_TABLE | Table style | Public | No | C 2 | 'T' |
| UNIT\_AUTO | Unit set automatically | Public | No | C 2 | 'A' |
| UNIT\_PIXEL | Pixels | Public | No | C 2 | 'X' |
| UNIT\_POINT | Points | Public | No | C 2 | 'P' |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| ADD\_FONT | Add new font | Public | No | No | No |
| ADD\_NUMBERING | Add new numbering | Public | No | No | No |
| ADD\_NUMBERING\_LEVEL | Add new numbering level | Public | No | No | No |
| ADD\_STYLE | Add new style | Public | No | No | No |
| APPEND\_PARAGRAPH | Append paragraph to document body | Public | No | No | No |
| APPEND\_TABLE\_CELL | Add cell to table row | Public | No | No | No |
| CHECK\_BEFORE\_RENDER | Check before render start | Private | No | No | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | No | No | No |
| END\_TABLE | End table and append to document | Public | No | No | No |
| END\_TABLE\_ROW | End table row | Public | No | No | No |
| RAISE\_EXCEPTION | Prepare and raise exception ZCX\_KCT\_OOD\_RENDER\_S from local. | Private | No | No | No |
| RAISE\_MESSAGE\_EXCEPTION | Prepare and raise exception ZCX\_KCT\_OOD\_RENDER\_S from local. | Private | No | No | No |
| SAVE\_TO\_FILE | Render document and save to file on local computer | Public | No | No | No |
| START\_TABLE | Start new table | Public | No | No | No |
| START\_TABLE\_ROW | Start table row | Public | No | No | No |

* + 1. Method ADD\_FONT

Description: Add new font

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_NAME | Font name | Importing | Yes | No |
| IV\_PANOSE1 | Panose1 code | Importing | Yes | Yes |
| IV\_CHARSET | Character set | Importing | Yes | Yes |
| IV\_FAMILY | Font family | Importing | Yes | Yes |
| IV\_PITCH | Font pitch | Importing | Yes | Yes |
| IV\_CSB0 | Font signature field | Importing | Yes | Yes |
| IV\_CSB1 | Font signature field | Importing | Yes | Yes |
| IV\_USB0 | Font signature field | Importing | Yes | Yes |
| IV\_USB1 | Font signature field | Importing | Yes | Yes |
| IV\_USB2 | Font signature field | Importing | Yes | Yes |
| IV\_USB3 | Font signature field | Importing | Yes | Yes |

* + 1. Method ADD\_NUMBERING

Description: Add new numbering

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_MULTI\_TYPE | Multi level type | Importing | Yes | Yes |
| RV\_ID | Numbering ID | Returning | Yes | Yes |

* + 1. Method ADD\_NUMBERING\_LEVEL

Description: Add new numbering level

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_ID | Numbering ID | Importing | Yes | No |
| IV\_LEVEL | Level | Importing | Yes | No |
| IV\_START | Numbering start | Importing | Yes | Yes |
| IV\_FORMAT | Numbering format | Importing | Yes | Yes |
| IV\_STYLE | Style used for numbering | Importing | Yes | Yes |
| IV\_LEVEL\_TEXT | Numbering text | Importing | Yes | Yes |

* + 1. Method ADD\_STYLE

Description: Add new style

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_ID | Style ID | Importing | Yes | No |
| IV\_TYPE | Type (P=Paragraph, T=Table, C=Character) | Importing | Yes | Yes |
| IV\_NAME | Style name (ID is used if initial) | Importing | Yes | Yes |
| IV\_BASED\_ON | ID of style on which is this based on | Importing | Yes | Yes |
| IV\_NEXT | ID of style set as next after this one is used | Importing | Yes | Yes |
| IV\_BOLD | Text is bold | Importing | Yes | Yes |
| IV\_ITALIC | Text is italic | Importing | Yes | Yes |
| IV\_UNDERLINED | Text is underlined | Importing | Yes | Yes |
| IV\_COLOR | Font color differs from based on and document default | Importing | Yes | Yes |
| IV\_FONT | Font differs from based on or document default font | Importing | Yes | Yes |
| IV\_SIZE | Size of font differs from based on and document default | Importing | Yes | Yes |
| IV\_PRIMARY | Style is primary | Importing | Yes | Yes |
| IV\_KEEP\_NEXT | Keep with next | Importing | Yes | Yes |
| IV\_KEEP\_LINES | Keep lines | Importing | Yes | Yes |
| IV\_NUMBERING\_ID | ID of numbering definition used by this style | Importing | Yes | Yes |
| IV\_NUMBERING\_LEVEL | Level in multilevel numbering | Importing | Yes | Yes |
| IV\_OUTLINE\_LEVEL | Level in Table Of Contents (Starting with 0) | Importing | Yes | Yes |
| IV\_SPACING\_BEFORE | Spacing after paragraph | Importing | Yes | Yes |
| IV\_SPACING\_AFTER | Spacing before paragraph | Importing | Yes | Yes |
| IV\_TABLE\_INDENT | Table indent | Importing | Yes | Yes |
| IV\_TABLE\_INDENT\_UNIT | Unit (A=Auto, P=Point, X=Pixel) | Importing | Yes | Yes |
| IV\_TABLE\_BORDER\_SIZE | Border size | Importing | Yes | Yes |
| IV\_TABLE\_MARGIN\_LEFT | Margin left | Importing | Yes | Yes |
| IV\_TABLE\_MARGIN\_RIGHT | Margin right | Importing | Yes | Yes |
| IV\_TABLE\_MARGIN\_TOP | Margin top | Importing | Yes | Yes |
| IV\_TABLE\_MARGIN\_BOTTOM | Margin bottom | Importing | Yes | Yes |
| IV\_TABLE\_MARGIN\_UNIT | Unit (A=Auto, P=Point, X=Pixel) | Importing | Yes | Yes |

* + 1. Method APPEND\_PARAGRAPH

Description: Append paragraph to document body

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_STYLE | Paragraph style | Importing | Yes | Yes |
| IV\_TEXT | Paragraph text content | Importing | Yes | Yes |
| IV\_INDENT\_LEFT | Paragraph indent from left | Importing | Yes | Yes |

* + 1. Method APPEND\_TABLE\_CELL

Description: Add cell to table row

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_STYLE | Table style | Importing | Yes | Yes |
| IV\_TEXT | Cell style | Importing | Yes | Yes |

* + 1. Method CHECK\_BEFORE\_RENDER

Description: Check before render start

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_DEFAULT\_FONT | Default font name in document | Importing | Yes | Yes |
| IV\_DEFAULT\_SIZE | Default font size in document | Importing | Yes | Yes |

* + 1. Method END\_TABLE

Description: End table and append to document

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |

* + 1. Method END\_TABLE\_ROW

Description: End table row

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |

* + 1. Method RAISE\_EXCEPTION

Description: Prepare and raise exception ZCX\_KCT\_OOD\_RENDER\_S from local.

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IO\_LOCAL\_EXCEPTION | Local exception | Importing | No | No |

* + 1. Method RAISE\_MESSAGE\_EXCEPTION

Description: Prepare and raise exception ZCX\_KCT\_OOD\_RENDER\_S from local.

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_MSGV2 | Message variable 02 | Importing | Yes | Yes |
| IV\_MSGV3 | Message variable 03 | Importing | Yes | Yes |
| IV\_MSGV4 | Message variable 04 | Importing | Yes | Yes |
| IV\_MSGID | Message identification | Importing | Yes | Yes |
| IV\_MSGNO | System Message Number | Importing | Yes | No |
| IV\_MSGV1 | Message variable 01 | Importing | Yes | Yes |

* + 1. Method SAVE\_TO\_FILE

Description: Render document and save to file on local computer

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_TARGET\_FILE\_PATH | Full file path on frontend with extension (f.e. c:\doc.docx) | Importing | Yes | No |
| IV\_ENCODING | Encoding string if differs from system default (f.e. UTF-8) | Importing | Yes | Yes |
| IV\_LOCATION | Flag: Application or presentation server | Importing | Yes | Yes |

* + 1. Method START\_TABLE

Description: Start new table

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_STYLE | Table style | Importing | Yes | Yes |

* + 1. Method START\_TABLE\_ROW

Description: Start table row

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| IV\_STYLE | Row style | Importing | Yes | Yes |

* 1. Class (ABAP Objects) ZCX\_KCT\_ABAP\_DOC

Description: SAPlink exception class

Superclass: CX\_STATIC\_CHECK

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CX\_ROOT | Exception ID: Value for Attribute TEXTID | Public | Yes | C 64 |  |
| ERROR\_MESSAGE | Missing | Public | No | C 64 | 'A65C1553D87C701EE1000000C0A8051C' |
| EXISTING | Missing | Public | No | C 64 | 'A75C1553D87C701EE1000000C0A8051C' |
| KERNEL\_ERRID | Internal Name of Exception, if Triggered from Kernel | Public | Yes | C 60 |  |
| LOCKED | Missing | Public | No | C 64 | 'A85C1553D87C701EE1000000C0A8051C' |
| MSG | Error message variable | Public | No | g 8 | '44F7518323DB08BC02000000A7E42BB6' |
| NOT\_AUTHORIZED | Error message variable | Public | No | C 64 | 'A95C1553D87C701EE1000000C0A8051C' |
| NOT\_FOUND | Error message variable | Public | No | C 64 | 'AA5C1553D87C701EE1000000C0A8051C' |
| NO\_PLUGIN | Error message variable | Public | No | C 64 | 'AB5C1553D87C701EE1000000C0A8051C' |
| PREVIOUS | Exception Mapped to the Current Exception | Public | Yes | r 8 |  |
| SYSTEM\_ERROR | Error message variable | Public | No | C 64 | 'AC5C1553D87C701EE1000000C0A8051C' |
| TEXTID | Key for Access to Message Text | Public | Yes | C 64 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| IF\_MESSAGE~GET\_LONGTEXT | Returns message long text | Public | Yes | No | No |
| IF\_MESSAGE~GET\_TEXT | Returns message short text | Public | Yes | No | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | No | No | No |
| GET\_LONGTEXT | Missing | Public | No | No | No |
| GET\_SOURCE\_POSITION | Returns Position in Source Text | Public | Yes | No | No |
| GET\_TEXT | Text for Exception in Current Language | Public | No | No | No |

* + 1. Method IF\_MESSAGE~GET\_LONGTEXT

Description: Returns message long text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| PRESERVE\_NEWLINES | PRESERVE\_NEWLINES | Importing | Yes | Yes |
| RESULT | RESULT | Returning | Yes | Yes |

* + 1. Method IF\_MESSAGE~GET\_TEXT

Description: Returns message short text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RESULT | RESULT | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| TEXTID | Missing | Importing | No | Yes |
| PREVIOUS | Missing | Importing | No | Yes |
| MSG | Missing | Importing | No | Yes |

* + 1. Method GET\_LONGTEXT

Description:

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| PRESERVE\_NEWLINES | PRESERVE\_NEWLINES | Importing | Yes | Yes |
| RESULT | RESULT | Returning | Yes | Yes |

* + 1. Method GET\_SOURCE\_POSITION

Description: Returns Position in Source Text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| PROGRAM\_NAME | PROGRAM\_NAME | Exporting | No | Yes |
| INCLUDE\_NAME | INCLUDE\_NAME | Exporting | No | Yes |
| SOURCE\_LINE | SOURCE\_LINE | Exporting | No | Yes |

* + 1. Method GET\_TEXT

Description: Text for Exception in Current Language

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RESULT | RESULT | Returning | Yes | Yes |

* 1. Class (ABAP Objects) ZCX\_KCT\_ABAP\_DOC\_RENDER

Description: Document render exception

Superclass: CX\_STATIC\_CHECK

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| CX\_ROOT | Exception ID: Value for Attribute TEXTID | Public | Yes | C 64 |  |
| KERNEL\_ERRID | Internal Name of Exception, if Triggered from Kernel | Public | Yes | C 60 |  |
| MESSAGES | Table with BAPI Return Information | Public | No | h 8 |  |
| PREVIOUS | Exception Mapped to the Current Exception | Public | Yes | r 8 |  |
| TEXTID | Key for Access to Message Text | Public | Yes | C 64 |  |
| ZCX\_KCT\_ABAP\_DOC\_RENDER | Missing | Public | No | C 64 | '765C1553D87C701EE1000000C0A8051C' |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| IF\_MESSAGE~GET\_LONGTEXT | Returns message long text | Public | Yes | No | No |
| IF\_MESSAGE~GET\_TEXT | Returns message short text | Public | Yes | Yes | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | No | No | No |
| GET\_LONGTEXT | Missing | Public | No | No | No |
| GET\_SOURCE\_POSITION | Returns Position in Source Text | Public | Yes | No | No |
| GET\_TEXT | Text for Exception in Current Language | Public | No | No | No |

* + 1. Method IF\_MESSAGE~GET\_LONGTEXT

Description: Returns message long text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| PRESERVE\_NEWLINES | PRESERVE\_NEWLINES | Importing | Yes | Yes |
| RESULT | RESULT | Returning | Yes | Yes |

* + 1. Method IF\_MESSAGE~GET\_TEXT

Description: Returns message short text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RESULT | RESULT | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| TEXTID | Missing | Importing | No | Yes |
| PREVIOUS | Missing | Importing | No | Yes |
| MESSAGES | Missing | Importing | No | Yes |

* + 1. Method GET\_LONGTEXT

Description:

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| PRESERVE\_NEWLINES | PRESERVE\_NEWLINES | Importing | Yes | Yes |
| RESULT | RESULT | Returning | Yes | Yes |

* + 1. Method GET\_SOURCE\_POSITION

Description: Returns Position in Source Text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| PROGRAM\_NAME | PROGRAM\_NAME | Exporting | No | Yes |
| INCLUDE\_NAME | INCLUDE\_NAME | Exporting | No | Yes |
| SOURCE\_LINE | SOURCE\_LINE | Exporting | No | Yes |

* + 1. Method GET\_TEXT

Description: Text for Exception in Current Language

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RESULT | RESULT | Returning | Yes | Yes |

* 1. Class (ABAP Objects) ZCX\_KCT\_DOCX\_RENDER\_S

Description: Simple Office Open Document Render exceprion

Superclass: CX\_STATIC\_CHECK

Class atributes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Description | Visibility | Is inherited | Type | Default value |
| IF\_T100\_MESSAGE~DEFAULT\_TEXTID | Missing | Public | No | v 80 |  |
| IF\_T100\_MESSAGE~T100KEY | Missing | Public | No | v 80 |  |
| CX\_ROOT | Exception ID: Value for Attribute TEXTID | Public | Yes | C 64 |  |
| KERNEL\_ERRID | Internal Name of Exception, if Triggered from Kernel | Public | Yes | C 60 |  |
| MESSAGES | Table with BAPI Return Information | Public | No | h 8 |  |
| PREVIOUS | Exception Mapped to the Current Exception | Public | Yes | r 8 |  |
| TEXTID | Key for Access to Message Text | Public | Yes | C 64 |  |
| ZCX\_KCT\_DOCX\_RENDER\_S | Missing | Public | No | v 80 |  |

Method headers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Method name | Description | Visibility | Is inherited | Is redefined | Is abstract |
| IF\_MESSAGE~GET\_LONGTEXT | Returns message long text | Public | Yes | No | No |
| IF\_MESSAGE~GET\_TEXT | Returns message short text | Public | Yes | No | No |
| CONSTRUCTOR | CONSTRUCTOR | Public | No | No | No |
| GET\_LONGTEXT | Missing | Public | No | No | No |
| GET\_SOURCE\_POSITION | Returns Position in Source Text | Public | Yes | No | No |
| GET\_TEXT | Text for Exception in Current Language | Public | No | No | No |

* + 1. Method IF\_MESSAGE~GET\_LONGTEXT

Description: Returns message long text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| PRESERVE\_NEWLINES | PRESERVE\_NEWLINES | Importing | Yes | Yes |
| RESULT | RESULT | Returning | Yes | Yes |

* + 1. Method IF\_MESSAGE~GET\_TEXT

Description: Returns message short text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RESULT | RESULT | Returning | Yes | Yes |

* + 1. Method CONSTRUCTOR

Description: CONSTRUCTOR

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| TEXTID | Missing | Importing | No | Yes |
| PREVIOUS | Missing | Importing | No | Yes |
| MESSAGES | Missing | Importing | No | Yes |

* + 1. Method GET\_LONGTEXT

Description:

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| PRESERVE\_NEWLINES | PRESERVE\_NEWLINES | Importing | Yes | Yes |
| RESULT | RESULT | Returning | Yes | Yes |

* + 1. Method GET\_SOURCE\_POSITION

Description: Returns Position in Source Text

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| PROGRAM\_NAME | PROGRAM\_NAME | Exporting | No | Yes |
| INCLUDE\_NAME | INCLUDE\_NAME | Exporting | No | Yes |
| SOURCE\_LINE | SOURCE\_LINE | Exporting | No | Yes |

* + 1. Method GET\_TEXT

Description: Text for Exception in Current Language

Method interface

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter id | Decription | Type | Pass value | Optional |
| RESULT | RESULT | Returning | Yes | Yes |

1. List of objects of type TABL - Table
   1. Table ZKCT\_ABAP\_DOC\_KWORD\_SO

Description: select-option / range for key words in source code

Table Class: [INTTAB] Structure

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Field name | Component Type | Data Type | Length | Short Description | Search Help | Check Table |
| SIGN | DDSIGN | CHAR | 1 | Type of SIGN component in row type of a Ranges type |  |  |
| OPTION | DDOPTION | CHAR | 2 | Type of OPTION component in row type of a Ranges type |  |  |
| LOW | STEXTT | CHAR | 30 | Long text for select-option/parameter |  |  |
| HIGH | STEXTT | CHAR | 30 | Long text for select-option/parameter |  |  |

* 1. Table ZKCT\_ABAP\_DOC\_OBJECT\_ALV\_S

Description: Document ALV Structure

Table Class: [INTTAB] Structure

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Field name | Component Type | Data Type | Length | Short Description | Search Help | Check Table |
| SELECT | CHAR1 | CHAR | 1 | Single-Character Indicator |  |  |
| OBJ\_TYPE | TROBJTYPE | CHAR | 4 | Object Type | SCTSOBJECT |  |
| OBJ\_TYPE\_TXT |  | STRG | 0 |  |  |  |
| OBJ\_NAME | SOBJ\_NAME | CHAR | 40 | Object Name in Object Directory |  |  |
| SRCSYSTEM | SRCSYSTEM | CHAR | 10 | Original System of Object |  |  |
| DOWN\_FLAG | CHAR1 | CHAR | 1 | Single-Character Indicator |  |  |
| STATUS | ICON\_D | CHAR | 4 | Icon in text fields (substitute display, alias) |  |  |
| MSG |  | STRG | 0 |  |  |  |
| ORDER | INT4 | INT4 | 10 | Natural Number |  |  |
| ASD | CHAR40 | REF | 0 | Character field of length 40 |  |  |

* 1. Table ZKCT\_ABAP\_DOC\_OUTPUT\_OPTIONS

Description: Document output options

Table Class: [INTTAB] Structure

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Field name | Component Type | Data Type | Length | Short Description | Search Help | Check Table |
| TECH\_DOCU | XFELD | CHAR | 1 | Checkbox |  |  |
| ONLY\_MAIN\_COMMENTS | XFELD | CHAR | 1 | Checkbox |  |  |
| PRG\_SEL\_SCREEN | XFELD | CHAR | 1 | Checkbox |  |  |
| OTHER\_PRG\_SCREEN | XFELD | CHAR | 1 | Checkbox |  |  |
| MODULE\_INTERFACES | XFELD | CHAR | 1 | Checkbox |  |  |
| PRINT\_EMPTY\_PAR | XFELD | CHAR | 1 | Checkbox |  |  |
| KEYW\_REPORT | ZKCT\_ABAP\_DOC\_KWORD\_SO\_T | TTYP | 0 | select-option / range for key words in source code |  |  |
| KEYW\_WDA | ZKCT\_ABAP\_DOC\_KWORD\_SO\_T | TTYP | 0 | select-option / range for key words in source code |  |  |
| KEYW\_BSP | ZKCT\_ABAP\_DOC\_KWORD\_SO\_T | TTYP | 0 | select-option / range for key words in source code |  |  |

* 1. Table ZKCT\_ABAP\_DOC\_PLUGIN\_S

Description: Document PLUGIN - Structure

Table Class: [INTTAB] Structure

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Field name | Component Type | Data Type | Length | Short Description | Search Help | Check Table |
| CLASS\_NAME |  | STRG | 0 |  |  |  |
| OBJ\_TYPE | TROBJTYPE | CHAR | 4 | Object Type | SCTSOBJECT |  |
| TEXT | DDTEXT | CHAR | 60 | Explanatory short text |  |  |
| ORDER | INT4 | INT4 | 10 | Natural Number |  |  |
| COUNT | INT4 | INT4 | 10 | Natural Number |  |  |

1. List of objects of type DTEL - Data Element
   1. Data Element ZKCT\_ABAP\_DOC\_OUTPUT\_TYPE

Description: Output document type  
Field Label: Document type

|  |  |
| --- | --- |
| Domain | ZKCT\_ABAP\_DOC\_OUTPUT\_TYP |
| Data Type | CHAR |
| Length | 10 |

1. List of objects of type TTYP - Table Type
   1. Table Type ZKCT\_ABAP\_DOC\_KWORD\_SO\_T

Description: select-option / range for key words in source code

Documentation

Line type

Name of row type: ZKCT\_ABAP\_DOC\_KWORD\_SO  
Category of Dictionary Type: [S] Structured Type  
Data Type in ABAP Dictionary: [STRU]

Initialization and access

Access modes: [T] Standard Table

Key

Key definition: [D] Standard key  
Key category: [N] Non-unique

* 1. Table Type ZKCT\_ABAP\_DOC\_OBJECT\_ALV\_T

Description: ALV Table

Documentation

Line type

Name of row type: ZKCT\_ABAP\_DOC\_OBJECT\_ALV\_S  
Category of Dictionary Type: [S] Structured Type  
Data Type in ABAP Dictionary: [STRU]

Initialization and access

Access modes: [T] Standard Table

Key

Key definition: [D] Standard key  
Key category: [N] Non-unique

* 1. Table Type ZKCT\_ABAP\_DOC\_PLUGIN\_T

Description: Tech Doc Table Plugin

Documentation

Line type

Name of row type: ZKCT\_ABAP\_DOC\_PLUGIN\_S  
Category of Dictionary Type: [S] Structured Type  
Data Type in ABAP Dictionary: [STRU]

Initialization and access

Access modes: [T] Standard Table

Key

Key definition: [D] Standard key  
Key category: [N] Non-unique

1. List of objects of type DOMA - Domain
   1. Domain ZKCT\_ABAP\_DOC\_OUTPUT\_TYP

Description: Output document type

|  |  |
| --- | --- |
| Field name | Value |
| Data Type | CHAR |
| Length | 10 |
| Output Length | 10 |
| Lower Case | No |

Single Values

|  |  |
| --- | --- |
| Fixed Values | Short Description |
| DOCX | Microsoft Word - docx |
| XML | XML |
| OLE\_DOC | Microsoft Word - OLE (obsolet) |

Value Range

|  |  |  |
| --- | --- | --- |
| Lower Limit | Uper Limit | Short Description |