pCon.cloud

pCon.ui for Shop System Integration – OCI 4

1   Introduction

The documentation of pCon.ui for Shops can be found here. The "Add to cart"-button sends the article information the Open Catalog Interface (OCI) format. In the latest version of pCon.ui, OCI 5 is used by default. Nevertheless, it is still possible to configure pCon.ui to provide the information in the OCI 4 format. While the general documentation contains the details of the OCI 5 file, this document explains the content of the OCI 4 version.

The OCI 4 specification can be found here: https://wiki.scn.sap.com/wiki/display/SRM/OCI+Documentation

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NOTE: An OCI can contain several products since the configuration allows adding of so called child products. For example a worktop can have a CPU holder and a screen. In that case the OCI contains the information for three articles. See section 2.3 for an example. Please make sure to handle those articles as a group in your cart!

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2 OCI 4 fields

The naming convention for the fields in the OCI is as follows:
NEW_ITEM-<Field name>[<index>]. The field type is always CHAR.

Field name	Length	Description
NEW_ITEM-DESCRIPTION[n]	40	Description of the item
NEW_ITEM-MATNR[n]	40	*SRM* product number of the item
NEW_ITEM-QUANTITY[n]	15	Item quantity (1.)
NEW_ITEM-UNIT[n]	3	Quantity unit for item quantity (3.)
NEW_ITEM-PRICE[n]	15	Price of an item per price unit (1.)
NEW_ITEM-CURRENCY[n]	5	Item currency (3.)
NEW_ITEM-PRICEUNIT[n]	5	Price unit of the item (if empty, 1 is used)(2.)
NEW_ITEM-LEADTIME[n]	5	Delivery time of the item in days (2.)
NEW_ITEM-LONGTEXT_n:132[]	∞	Long text for the item (4.)
NEW_ITEM-VENDOR[n]	10	*SRM* vendor number (business partner) for the item
NEW_ITEM-VENDORMAT[n]	40	Vendor product number for the item
NEW_ITEM-MANUFACTCODE[n]	10	*SRM* manufacturer number of the item
NEW_ITEM-MANUFACTMAT[n]	40	Item's manufacturer part number
NEW_ITEM-MATGROUP[n]	10	*SRM* material group for the item
NEW_ITEM-SERVICE[n]	1	Flag: the item is a service.
NEW_ITEM-CONTRACT[n]	10	*SRM* contract to which the item refers
NEW_ITEM-CONTRACT_ITEM[n]	5	Item within the *SRM* contract
NEW_ITEM-EXT_QUOTE_ID[n]	35	Number of an external bid for this item (as reference for a subsequent purchase order)
NEW_ITEM-EXT_QUOTE_ITEM[n]	10	Item of external bid
NEW_ITEM-EXT_PRODUCT_ID[n]	40	Unique database key for this item in the catalog
NEW_ITEM-ATTACHMENT[n]	255	URL of the attachment (the attachment must be accessible for downloading under this URL)
NEW_ITEM-ATTACHMENT_TITLE[n]	255	Title of the attachment (if this is empty the file name from the URL above is used)
NEW_ITEM-ATTACHMENT_PURPOSE[n]	1	Purpose of the attachment. *C* corresponds here to configuration.
NEW_ITEM-EXT_SCHEMA_TYPE[n]	10	Name of a schema via which it was imported in the *SRM Server*
NEW_ITEM-EXT_CATEGORY_ID[n]	60	Unique key for an external category from the schema above, **independent** of the version of the schema
NEW_ITEM-EXT_CATEGORY[n]	40	Unique key for an external category from the schema above, **dependent** on the version of the schema
NEW_ITEM-SLD_SYS_NAME[n]	60	Name of a system in the System Landscape Directory (SLD)
NEW_ITEM-CUST_FIELD1[n]	10	User-defined field
NEW_ITEM-CUST_FIELD2[n]	10	User-defined field
NEW_ITEM-CUST_FIELD3[n]	10	User-defined field
NEW_ITEM-CUST_FIELD4[n]	20	User-defined field
NEW_ITEM-CUST_FIELD5[n]	50	User-defined field
NEW_ITEM-ITEM_TYPE[n]	1	Item type Root, Outline, Leaf. Introduced since SRM 7.0 onwards.
NEW_ITEM-PARENT_ID[n]	5	An integer field that defines what the parent of the current item is in the Hierarchy structure. This field will be blank for an item which does not have any parent. Introduced since SRM 7.0 onwards.

2.1 OCI 4 to OFML Mapping

OCI field	OFML data value
[NEW ITEM-DESCRIPTION]	shortText
[NEW_ITEM-QUANTITY]	quantity
[NEW_ITEM-UNIT]	ST
[NEW ITEM-PRICE]	price value
[NEW_ITEM-CURRENCY]	price currency
[NEW_ITEM-VENDORMAT]	baseArticleNumber
[NEW_ITEM-LONGTEXT_1:132]	longText + featureText + variantCode + priceHash (jwt) + reopenUrl
[NEW_ITEM-CUST_FIELD1]	is a main article (true) or a child article (false)
[NEW_ITEM-CUST_FIELD2]	empty
[NEW_ITEM-CUST_FIELD3]	empty
[NEW_ITEM-CUST_FIELD4]	series id
[NEW_ITEM-CUST_FIELD5]	mainItemId / parent of the child
[NEW ITEM-EXT QUOTE ID]	empty
[NEW_ITEM-SERVICE]	empty
[NEW_ITEM-LEADTIME]	empty
[NEW ITEM-EXT QUOTE ITEM]	empty
[NEW_ITEM-CONTRACT_ITEM]	empty
[NEW_ITEM-MANUFACTCODE]	Manufacturer/ Catalog ID
[NEW_ITEM-MANUFACTMAT]	empty
[NEW_ITEM-EXT_PRODUCT_ID]	baseArticleNumber
[NEW_ITEM-MATGROUP]	empty
[NEW_ITEM-VENDOR]	empty
[NEW_ITEM-CONTRACT]	empty
[NEW_ITEM-PRICEUNIT]	1
[NEW ITEM-ATTACHMENT]	URL for a 512x512 px thumbnail (available for max 24 hours)
[NEW_ITEM-ATTACHMENT_PURPOSE]	C (means thumbnail corresponds to configuration)

2.2 Example

```
[NEW_ITEM-DESCRIPTION] => [1] => EA217 Soft Pad Group
[NEW_ITEM-QUANTITY] => [1] => 1
[NEW_ITEM-UNIT] => [1] => ST
[NEW_ITEM-PRICE] => [1] => 0.00
[NEW_ITEM-CURRENCY] => [1] => EUR
[NEW_ITEM-VENDORMAT] => [1] => 41238100
[NEW_ITEM-LONGTEXT_1:132] => [0] Soft Pad Chair EA 217
office swivel chair with armrests
back tilt mechanism

featureText: Base: chromed
Cover material: leather
Colour: dim grey
Base on: castors hard, braked for carpet
Packaging: standard, in plastic bag

variantCode: SOF_412381.SOFUNG010=0;SOF_412381.SOFBEZ010=4;SOF_412381.CLAB-
ZFLED010=21;SOF_412381.CLAFUS020=02;SOF_412381.STGVEP010=ST

priceHash: eyJ0eXAiOiJKV1Qi…

reopenUrl: https://ui.pcon-solutions.com/next/#GATE-
KEEPER_ID=demo_oci&lang=en&sp=true&HOOK_URL=https%3A%2F%2Fwww.eastern-
graphics.com%2Fprint_r.php&obx=https%3A%2F%2Fipa-eaiws1.easterngraphics.com%2Fses-
sion-cache%2F9059a377-b288-4bfd-8427-29587a32fe93%2Fcut_buffer%2F00000002.obx
[NEW_ITEM-CUST_FIELD1] => [1] => True
[NEW_ITEM-CUST_FIELD2] => [1] =>
[NEW_ITEM-CUST_FIELD3] => [1] =>
[NEW_ITEM-CUST_FIELD4] => [1] =>
[NEW_ITEM-CUST_FIELD5] => [1] => 5207f1eb-8bf3-4976-997e-74d8a488d0f2
[NEW_ITEM-EXT_QUOTE_ID] => [1] =>
[NEW_ITEM-SERVICE] => [1] =>
[NEW_ITEM-LEADTIME] => [1] =>
[NEW_ITEM-EXT_QUOTE_ITEM] => [1] =>
[NEW_ITEM-CONTRACT_ITEM] => [1] =>
[NEW_ITEM-MANUFACTCODE] => VI =>
[NEW_ITEM-MANUFACTMAT] => [1] =>
[NEW_ITEM-EXT_PRODUCT_ID] => [1] => 41238100
[NEW_ITEM-MATGROUP] => [1] =>
[NEW_ITEM-VENDOR] => [1] =>
[NEW_ITEM-CONTRACT] => [1] =>
[NEW_ITEM-PRICEUNIT] => [1] => 1
[NEW_ITEM-ATTACHMENT] => [1] => https://.../session-cache/ce8bf24ac2f65cb20fb.jpg
[NEW_ITEM-ATTACHMENT_PURPOSE] => [1] => C
```

2.3 Example with Child Article

```
[NEW_ITEM-DESCRIPTION] => [1] => example table
                         [2] => example child
[NEW_ITEM-QUANTITY] => [1] => 1
                       [2] => 1
[NEW_ITEM-UNIT] => [1] => ST
                   [2] => ST
[NEW_ITEM-PRICE] =>[1] => 0.00
                   [2] => 0.00
[NEW_ITEM-CURRENCY] => [1] => EUR
                       [2] => EUR
[NEW_ITEM-VENDORMAT] =>  [1] => 0000001
                         [2] => 0000002
[NEW_ITEM-LONGTEXT_1:132] => [0] => example table
Some long description of the table

featureText: more details

variantCode:
TABLE22210.KAT01=KAT01;TABLE22210.GSN01=GSN01;TABLE22210.GSO222=GSO51;TA-
BLE22210.GAU100=GAU17;TABLE22210.SCF01=SCF99

priceHash: eyJ0eXAiOiJKV1Qi…

reopenUrl:
https://ui.pcon-solutions.com/#GATE-
KEEPER_ID=your_ID&HOOK_URL=https%3A%2F%2Fwww.eastern-
graphics.com%2Fprint_r.php&obx=https%3A%2F%2Fc-live1b.pcon.eu%2Fsession-
cache%2F0f2a00e2-e5c7-4134-aeb5-ce957e58bffa%2Fcut_buffer%2F00000021.obx
[NEW_ITEM-CUST_FIELD1] => [1] => true
                          [2] => false
[NEW_ITEM-CUST_FIELD2] => [1] =>
                          [2] =>
[NEW_ITEM-CUST_FIELD3] => [1] =>
                          [2] =>
[NEW_ITEM-CUST_FIELD4] => [1] => 05
                          [2] => 05
[NEW_ITEM-CUST_FIELD5] => [1] => 22663cc8-6c40-4c81-8ec9-50d255e7ecff
                          [2] => 22663cc8-6c40-4c81-8ec9-50d255e7ecff
[NEW_ITEM-EXT_QUOTE_ID] => [1] =>
                           [2] =>
[NEW_ITEM-SERVICE] => [1] =>
                      [2] =>
[NEW_ITEM-LEADTIME] => [1] =>
                       [2] =>
[NEW_ITEM-EXT_QUOTE_ITEM] => [1] =>
                             [2] =>
[NEW_ITEM-CONTRACT_ITEM] => [1] =>
                            [2] =>
[NEW_ITEM-MANUFACTCODE] => [1] => WI
                           [2] => WI
[NEW_ITEM-MANUFACTMAT] => [1] =>
                          [2] =>
[NEW_ITEM-EXT_PRODUCT_ID] => [1] => 0000001
                             [2] => 0000002
[NEW_ITEM-MATGROUP] => [1] =>
                       [2] =>
```

```
[NEW_ITEM-VENDOR] => [1] =>
                     [2] =>
[NEW_ITEM-CONTRACT] => [1] =>
                       [2] =>
[NEW_ITEM-PRICEUNIT] => [1] => 1
                        [2] => 1
[NEW_ITEM-ATTACHMENT] =>
  [1] => https://c-live1b.pcon.eu/session-cache/.../objects/some_long_number.jpg
  [2] => https://c-live1b.pcon.eu/session-cache/.../objects/some_long_number2.jpg
[NEW_ITEM-ATTACHMENT_PURPOSE] => [1] => C
                                 [2] => C
[NEW_ITEM-LONGTEXT_2:132] => [0] => example child

featureText: more details

variantCode: FILZ222.KAT01=KAT01;FILZ222.FILZ222=FILZ08

priceHash: eyJ0eXAiOiJKV1Qi…
```