

## Entity-Relationship Model Intershop 7



Document ID: ENF7-60-09-01  
Version: 7.6.0.0  
Publication Date: 2015-11-23  
Cartridge: **bc\_mvc**

### Notes:

DomainID <fk> columns reference to Domain.UUID (core)

<pk> = primary key  
<fk..> = foreign key  
<ak..> = alternate key  
<i..> = indexed column

<PersistentObject>\_AV.OWNERID references to  
<PersistentObject>.UUID, see core for detailed column  
description of \_AV tables.

### ALERT\_AV

OWNERID	...	<pk,fk>	not null
NAME	...	<pk>	not null
LOCALEID	...	<pk>	not null
...			

UUID = OWNERID

### ALERT

UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
TYPECODE	NUMBER(11,0)			not null
HANDLERCLASSNAME	VARCHAR2(256 CHAR)			not null
USERID	VARCHAR2(28 CHAR)		<i2>	null
PRODUCTREFPRODUCTSKU	VARCHAR2(256 CHAR)		<i3>	null
PRODUCTREFDOMAINNAME	VARCHAR2(256 CHAR)		<i3>	null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

alert

### PRODUCTMAPPINGRULE\_AV

OWNERID	...	<pk,fk>	not null
NAME	...		
LOCALE	...		
...			

UUID = OWNERID

### PRODUCTMAPPINGRULE

UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
LASTEXECUTION	TIMESTAMP (9)			null
REFRESHINTERVAL	NUMBER(11,0)			null
TYPECODE	NUMBER(11,0)		<i3>	null
QUERY	BLOB			null
CATALOGCATEGORYID	VARCHAR2(28 CHAR)		<i2>	null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

### PRODUCTDATAMAPPINGRU\_AV

OWNERID	...	<pk,fk>	not null
NAME	...		
LOCALEID	...		
...			

UUID = OWNERID

### PRODUCTDATAMAPPINGRULE

UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
TARGETDECLARATIONID	VARCHAR2(28 CHAR)	<fk3>	<i4>	not null
SOURCEDECLARATIONID	VARCHAR2(28 CHAR)	<fk2>	<i3>	not null
LISTID	VARCHAR2(28 CHAR)	<fk1>	<i2>	not null
TYPECODE	NUMBER(11,0)		<i5>	not null
FUNCTIONCLASSNAME	VARCHAR2(256 CHAR)			not null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

### PRODUCTDATAMAPPINGRULESET

UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
NAME	VARCHAR2(256 CHAR)		<i3>	null
PROVIDINGDOMAINID	VARCHAR2(28 CHAR)		<i2>	not null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

UUID = LISTID

### PRODUCTDATADECLARATI\_AV

OWNERID	...	<pk,fk>	not null
NAME	...		
LOCALEID	...		
...			

UUID = OWNERID

### PRODUCTDATADECLARATION

UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
LISTID	VARCHAR2(28 CHAR)	<fk>	<i2>	not null
TYPECODE	NUMBER(11,0)		<i3>	not null
SHORTDESCRIPTION	VARCHAR2(256 CHAR)			null
DISPLAYNAME	VARCHAR2(256 CHAR)			null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

UUID = SOURCEDECLARATIONID

UUID = TARGETDECLARATIONID

UUID = LISTID

### PRODUCTDATADECLARATIONLIST

UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
NAME	VARCHAR2(256 CHAR)		<i2>	null
TYPECODE	NUMBER(11,0)		<i3>	not null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

## mapping

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UUID = OWNERID

## CLASSIFICATIONSYSTEM\_AV

OWNERID	...	<pk,fk>	not null
NAME	...	<pk>	not null
LOCALEID	...	<pk>	not null

## CLASSIFICATIONSYSTEM

UUID	VARCHAR2(28 CHAR)	<pk>	<i2>	not null
DOMAINID	VARCHAR2(28 CHAR)		<i1>	not null
NAME	VARCHAR2(256 CHAR)		<i1>	not null
LEVELS	NUMBER(11,0)			null
GROUPIDHIERARCHYFLAG	NUMBER(1,0)			null
MULTIPLEASSIGNMENTSFLAG	NUMBER(1,0)			null
LEAFASSIGNMENTSFLAG	NUMBER(1,0)			null
INHERITANCEENABLEDFLAG	NUMBER(1,0)			null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

## LEVELNAME

CLASSIFICATIONSYSTEMID	VARCHAR2(28 CHAR)	<pk,fk>	<i1,i2>	not null
LOCALEID	VARCHAR2(10 CHAR)	<pk>	<i1>	not null
LEVELNO	NUMBER(11,0)	<pk>	<i1>	not null
NAME	VARCHAR2(256 CHAR)			null
OCA	NUMBER(11,0)			not null

UUID = CLASSIFICATIONSYSTEMID

UUID = OWNERID

## REPOSITORY\_AV

OWNERID	...	<pk,fk>	not null
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## REPOSITORY

UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
REPOSITORYDOMAINID	VARCHAR2(28 CHAR)		<i2>	null
ID	VARCHAR2(256 CHAR)		<i3>	null
TYPECODE	NUMBER(11,0)		<i4>	null
PROXYFLAG	NUMBER(1,0)		<i5>	null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

## CATALOGCATEGORYLABELASSIGNMENT

UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
LABELUUID	VARCHAR2(28 CHAR)	<fk>	<i2>	not null
CATALOGCATEGORYUUID	VARCHAR2(28 CHAR)			null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

UUID = LABELUUID

## LABEL

UUID	VARCHAR2(28 CHAR)	<pk>	<i>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
NAME	VARCHAR2(200 CHAR)			null
USERID	VARCHAR2(28 CHAR)			null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

foundation.labeling

UUID = LABELUUID

## CONTRACT\_AV

OWNERID	...	<pk,fk>	not null
NAME	...	<pk>	not null
LOCALEID	...	<pk>	not null

UUID = OWNERID

## CONTRACT

UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
CONTRACTDOMAINID	VARCHAR2(28 CHAR)		<i2>	null
ID	VARCHAR2(256 CHAR)		<i3>	null
TYPECODE	NUMBER(11,0)		<i4>	null
STATUS	NUMBER(11,0)			null
PROXYFLAG	NUMBER(1,0)		<i5>	null
STARTMAINTENANCE	TIMESTAMP (9)			null
ENDMAINTENANCE	TIMESTAMP (9)			null
VALIDFROM	TIMESTAMP (9)			null
VALIDTO	TIMESTAMP (9)			null
POSITION	FLOAT(126)			null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

## IEPRODUCTCATEGORYASSIGNMENT

CATEGORYID  
PRODUCTID  
PRODUCTDOMAINID  
PRODUCTBINDINGATTRIBUTE  
POSITION

- ☐ iproductcategoryassignment
- ☐ productcategoryassignment

## CLASSIFICATIONCOUNT\$2

CATEGORYID	VARCHAR2(28 CHAR)	<pk>	<i>	not null
DOMAINID	VARCHAR2(28 CHAR)	<pk>	<i>	not null
CNT	NUMBER(38,0)			null

## CLASSIFICATIONCOUNT\$1

## IPRODUCTCATEGORYYASSIG\$2

CATEGORYID	VARCHAR2(28 CHAR)	<pk>	<i1,i2>	not null
PRODUCTID	VARCHAR2(28 CHAR)	<pk>	<i1,i3>	not null
PRODUCTDOMAINID	VARCHAR2(28 CHAR)	<pk>	<i1,i4>	not null
PRODUCTBINDINGATTRIBUTE	VARCHAR2(256 CHAR)			null
POSITION	FLOAT(126)			null

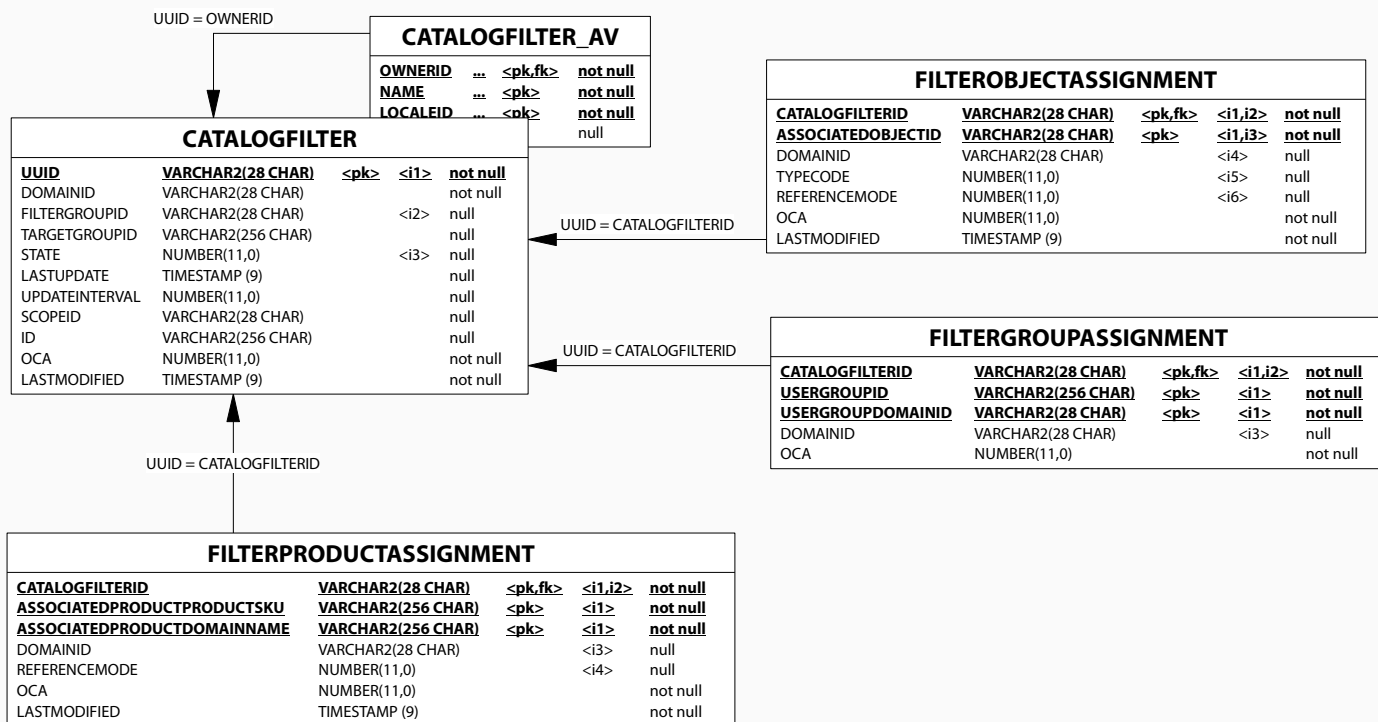
## IPRODUCTCATEGORYYASSIG\$1

## IEPCA\_BINDINGKEYS

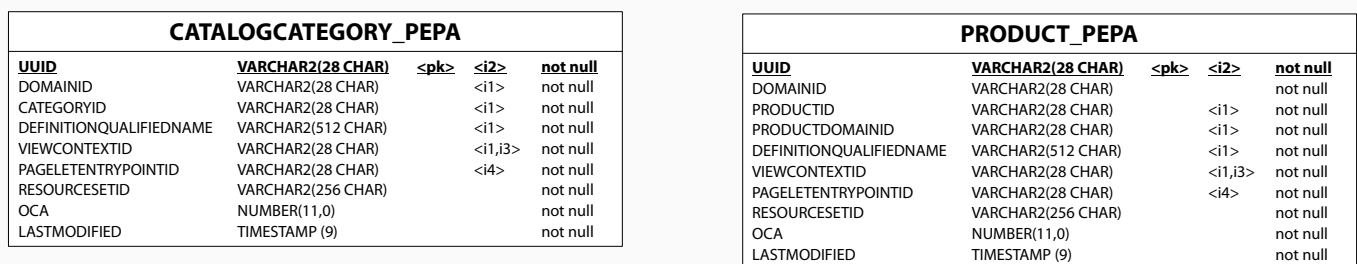
BINDINGKEY

- ☐ catalogcategory

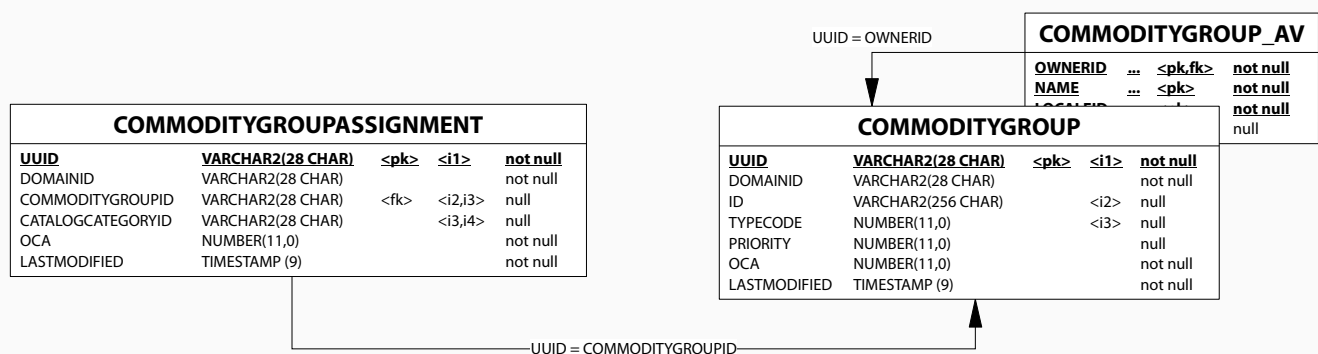
catalog



## filter



## assignments



## commodity

PRODUCTLISTITEM_AV				
OWNERID	...	<pk,fk>	not null	
NAME	...	<pk>	not null	
LOCALEID	...	<pk>	not null	

UUID = OWNERID

PRODUCTLISTITEM				
UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
PARENTLISTITEMUUID	VARCHAR2(28 CHAR)	<fk2>	<i3>	null
PRODUCTLISTUUID	VARCHAR2(28 CHAR)	<fk1>	<i2>	null
PRODUCTREFPRODUCTSKU	VARCHAR2(256 CHAR)			null
PRODUCTREFDOMAINNAME	VARCHAR2(256 CHAR)			null
QUANTITYUNIT	VARCHAR2(256 CHAR)			null
QUANTITYVALUE	NUMBER(38,6)			null
POSITION	NUMBER(11,0)		<i5>	null
PUBLICFLAG	NUMBER(1,0)			null
PRODUCTLINEITEMUUID	VARCHAR2(28 CHAR)		<i4>	null
SINGLEPRICEPCODE	VARCHAR2(3 CHAR)			null
SINGLEPRICEPCVALUE	NUMBER(38,6)			null
BASDONNETPRICEFLAG	NUMBER(1,0)			null
NETPRICEPCODE	VARCHAR2(3 CHAR)			null
NETPRICEPCVALUE	NUMBER(38,6)			null
TAXCLASSID	VARCHAR2(28 CHAR)			null
ORIGINSINGLEPRICEPCODE	VARCHAR2(3 CHAR)			null
ORIGINSINGLEPRICEPCVALUE	NUMBER(38,6)			null
ORIGINNETPRICEPCODE	VARCHAR2(3 CHAR)			null
ORIGINNETPRICEPCVALUE	NUMBER(38,6)			null
ORIGINQUANTITYUNIT	VARCHAR2(256 CHAR)			null
ORIGINQUANTITYVALUE	NUMBER(38,6)			null
NEGOTIATIONSINGLEPRICEPCODE	VARCHAR2(3 CHAR)			null
NEGOTIATIONSINGLEPRICEPCVALUE	NUMBER(38,6)			null
NEGOTIATIONNETPRICEPCODE	VARCHAR2(3 CHAR)			null
NEGOTIATIONNETPRICEPCVALUE	NUMBER(38,6)			null
NEGOTIATIONQUANTITYUNIT	VARCHAR2(256 CHAR)			null
NEGOTIATIONQUANTITYVALUE	NUMBER(38,6)			null
CREATIONDATE	TIMESTAMP (9)			not null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

UUID = PARENTLISTITEMUUID

UUID = PRODUCTLISTUUID

PRODUCTLIST_AV				
OWNERID	...	<pk,fk>	not null	
NAME	...	<pk>	not null	
LOCALEID	...	<pk>	not null	

UUID = OWNERID

PRODUCTLIST				
UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
NAME	VARCHAR2(256 CHAR)			null
SCOPEUUID	VARCHAR2(28 CHAR)		<i2>	not null
TYPECODE	NUMBER(11,0)			not null
PUBLICFLAG	NUMBER(1,0)			null
DOCUMENTNO	VARCHAR2(256 CHAR)			null
STATE	NUMBER(11,0)			null
FIXEDFLAG	NUMBER(1,0)			null
VALIDFROM	TIMESTAMP (9)			null
VALIDTO	TIMESTAMP (9)			null
TOTALCODE	VARCHAR2(3 CHAR)			null
TOTALVALUE	NUMBER(38,6)			null
CREATIONDATE	TIMESTAMP (9)			null
OWNINGDOMAINUUID	VARCHAR2(28 CHAR)		<i3>	null
ORIGINTOTALCODE	VARCHAR2(3 CHAR)			null
ORIGINTOTALVALUE	NUMBER(38,6)			null
MODIFIEDFLAG	NUMBER(1,0)			null
NEGOTIATIONTOTALCODE	VARCHAR2(3 CHAR)			null
NEGOTIATIONTOTALVALUE	NUMBER(38,6)			null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

UUID = PRODUCTLISTUUID

UUID = PRODUCTLISTUUID

UUID = PRODUCTLISTUUID

### PRODUCTLISTUSERASSIGNMENT

PRODUCTLISTUUID	VARCHAR2(28 CHAR)	<pk,fk>	<i1,i2>	not null
USERUUID	VARCHAR2(28 CHAR)	<pk>	<i1,i3>	not null
OCA	NUMBER(11,0)			not null

### PRODUCTBINDINGATTRIBUTE

NAME	VARCHAR2(200 CHAR)	<pk>	<i>	not null
MAXCATEGORYLM	TIMESTAMP (9)			null
CATEGORY#	NUMBER			null
MAXPRODUCTLM	TIMESTAMP (9)			null
PRODUCT#	NUMBER			null

### PRODUCTLABELASSIGNMENT

UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
LABELUUID	VARCHAR2(28 CHAR)	<fk>	<i2>	not null
PRODUCTUUID	VARCHAR2(28 CHAR)			null
PRODUCTDOMAINID	VARCHAR2(28 CHAR)			null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

### CHANGEDPRODUCTS

UUID
SKU
DOMAINID
PARENTLASTMODIFIED
PARENTDOMAINID

☐ product

### PRODUCTSKUCONFLICTVIEW

PRODUCTID
PRODUCTDOMAINID
CONFLICTPRODUCTDOMAINID

☐ product

### PRODUCTLISTSECURECODE

PRODUCTLISTUUID	VARCHAR2(28 CHAR)	<pk,fk>	<i1,i2>	not null
RECIPIENT	VARCHAR2(256 CHAR)	<pk>	<i1>	not null
SECURECODE	VARCHAR2(256 CHAR)			null
OCA	NUMBER(11,0)			not null

PRODUCTLISTEVENT_AV				
OWNERID	...	<pk,fk>	not null	
NAME	...	<pk>	not null	
LOCALEID	...	<pk>	not null	

UUID = OWNERID

### PRODUCTLISTEVENT

UUID	VARCHAR2(28 CHAR)	<pk>	<i1>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
PRODUCTLISTUUID	VARCHAR2(28 CHAR)	<fk>	<i2>	null
EVENTDATE	TIMESTAMP (9)			not null
TYPECODE	VARCHAR2(256 CHAR)		<i3>	not null
USERID	VARCHAR2(28 CHAR)			null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

product