

Entity-Relationship Model	
Intershop 7	
Document ID	ENF7-60-99-01
Version	7.6.0.0
Publication Date	2015-11-23
Cartridge	XCS
Notes:	
DomainID <fk> columns reference to DomainUID (fore)	
<pk> = primary key	
<fk> = foreign key	
<ak> = alternate key	
<id> = indexed column	
<PersistentObject>_AV/OWNERID references to <PersistentObject>_UID, see core for detailed column description of AV tables.	

IMPORTREMOVEDBUNDLE	
DOMAINID	VARCHAR(28 CHAR)
PRODUCTID	VARCHAR(28 CHAR)
BUNDLEID	VARCHAR(28 CHAR)
IMPORTREMOVEDCATASSIGNMENT	
DOMAINID	VARCHAR(28 CHAR)
PRODUCTID	VARCHAR(28 CHAR)
CATALOGCATEGORYID	VARCHAR(28 CHAR)
IMPORTREMOVEDMASTER	
DOMAINID	VARCHAR(28 CHAR)
UID	VARCHAR(28 CHAR)
IMPORTREMOVEDPRODUCT	
DOMAINID	VARCHAR(28 CHAR)
UID	VARCHAR(28 CHAR)
MASTER	NUMBER
ISMASTER	NUMBER
ISBUNDLE	NUMBER
ISBUNDLED	NUMBER
ISOFFERED	NUMBER
IMPORTREMOVEDPRODUCTCOSTPRICE	
DOMAINID	VARCHAR(28 CHAR)
PRODUCTID	VARCHAR(28 CHAR)
CURRENCY	VARCHAR(3 CHAR)
IMPORTREMOVEDPRODUCTTRA	
DOMAINID	VARCHAR(28 CHAR)
PRODUCTID	VARCHAR(28 CHAR)
USERGROUPID	VARCHAR(28 CHAR)
USERGROUPDOMAINID	VARCHAR(28 CHAR)
IMPORTREMOVEDPRODUCTLISTPRICE	
DOMAINID	VARCHAR(28 CHAR)
PRODUCTID	VARCHAR(28 CHAR)
CURRENCY	VARCHAR(3 CHAR)
IMPORTREMOVEDUSERGROUPPRICE	
DOMAINID	VARCHAR(28 CHAR)
PRODUCTREFSKU	VARCHAR(28 CHAR)
PRODUCTREFDOMAINNAME	VARCHAR(28 CHAR)
IMPORTUPDATEDMASTER	
DOMAINID	VARCHAR(28 CHAR)
UID	VARCHAR(28 CHAR)
DEFAULTVARIATIONID	VARCHAR(28 CHAR)
IMPORTUPDATEDPRODUCT	
DOMAINID	VARCHAR(28 CHAR)
UID	VARCHAR(28 CHAR)
IMPORTUPDATEDTYPECODE	
DOMAINID	VARCHAR(28 CHAR)
TYPECODE	NUMBER

## import

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PRODUCTVARIATIONASSIGNMENT	
PRODUCTVARIATIONVALUEID	VARCHAR(28 CHAR)
PRODUCTVARIATIONID	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
PRODUCTVARIATION	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
PRODUCTMASTERID	VARCHAR(28 CHAR)
PRODUCTID	VARCHAR(28 CHAR)
NUMBER(1,0)	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
PRODUCTVARIATIONVALU	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
VARIABLEVARIATIONATTRIBUTED	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
PRODUCTVARIATIONVALU AV	
OWNERID	= spk.fk2 not null
NAME	= spk not null
LOCALID	= cks not null
PRODUCTVARIATIONVALUE	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
VARIABLEVARIATIONATTRIBUTED	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
VARIABLEVARIATIONATTR	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
PRODUCTMASTERID	VARCHAR(28 CHAR)
LOCALID	VARCHAR(28 CHAR)
LOCALIZEDFLAG	NUMBER(1,0)
VALUETYPE	NUMBER(1,0)
PRESENTATIONOPTION	VARCHAR(28 CHAR)
PRESENTATIONOPTIONNAME	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
VARIATIONTYPE AV	
OWNERID	= spk.fk2 not null
NAME	= spk not null
LOCALID	= cks not null
VARIATIONTYPE	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
ATTRIBUTENAME	VARCHAR(28 CHAR)
LOCALIZEDFLAG	NUMBER(1,0)
NAME	VARCHAR(28 CHAR)
VALUETYPE	NUMBER(1,0)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)

## productvariation

PRODUCTSETDOMAINASSIGNMENT	
PRODUCTSETUID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
PRODUCTID	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
PRODUCTSETASSIGNMENT	
PRODUCTSETUID	VARCHAR(28 CHAR)
PRODUCTID	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
PRODUCTSET AV	
OWNERID	= spk.fk2 not null
NAME	= spk not null
LOCALID	= cks not null
PRODUCTSET	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
ALLFLAG	NUMBER(1,0)
NOBUNDLING	NUMBER(1,0)
NOTHINGFLAG	NUMBER(1,0)
ACTIVEFLAG	NUMBER(1,0)
RULEBASEFLAG	NUMBER(1,0)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)

## productset

TIMEINTERVALCONDITION	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
EXCEPTIONRULEID	VARCHAR(28 CHAR)
CONDITIONRULEID	VARCHAR(28 CHAR)
STARTTIME	TIMESTAMP (9)
ENDTIME	TIMESTAMP (9)
SIGNIFICANCE	NUMBER(1,0)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
TIMECONDITION	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
EXCEPTIONRULEID	VARCHAR(28 CHAR)
CONDITIONRULEID	VARCHAR(28 CHAR)
TIME	TIMESTAMP (9)
TYPE	NUMBER(1,0)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
WEEKDAYCONDITION	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
EXCEPTIONRULEID	VARCHAR(28 CHAR)
CONDITIONRULEID	VARCHAR(28 CHAR)
DAY	NUMBER(1,0)
TYPE	NUMBER(1,0)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
BUSINESSRULE	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
RULESETID	VARCHAR(28 CHAR)
EXCEPTIONRULEID	VARCHAR(28 CHAR)
CONDITIONRULEID	VARCHAR(28 CHAR)
ENABLEDFLAG	NUMBER(1,0)
NAME	VARCHAR(28 CHAR)
DESCRIPTION	VARCHAR(255 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
RULESET	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
EXCEPTIONRULEID	VARCHAR(28 CHAR)
CONDITIONRULEID	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)

## rule

PRODUCTATTRIBUTE AV	
OWNERID	= spk.fk2 not null
NAME	= spk not null
LOCALID	= cks not null
PRODUCTATTRIBUTE	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
PRODUCTTYPEID	VARCHAR(28 CHAR)
ORDERREQUIREFLAG	NUMBER(1,0)
ENUMERATIONFLAG	NUMBER(1,0)
LOCALIZEDFLAG	NUMBER(1,0)
NAME	VARCHAR(28 CHAR)
VALUETYPE	NUMBER(1,0)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
PRODUCTTYPE AV	
OWNERID	= spk.fk2 not null
NAME	= spk not null
LOCALID	= cks not null
PRODUCTTYPE	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
PARENTPRODUCTTYPEID	VARCHAR(28 CHAR)
NAME	VARCHAR(28 CHAR)
DEFAULTFLAG	NUMBER(1,0)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)

## producttype

PRODUCTLINK AV	
OWNERID	= spk.fk2 not null
NAME	= spk not null
LOCALID	= cks not null
PRODUCTLINK	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
SOURCEID	VARCHAR(28 CHAR)
TARGETID	VARCHAR(28 CHAR)
LINKEDCATALOGCATEGORYID	VARCHAR(28 CHAR)
TYPECODE	NUMBER(1,0)
QUANTITY	NUMBER(38,6)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
PRODUCTLINKPOSITION	
LINKID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
POSITION	NUMBER(1,0)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)

PRODUCTCOMPLETENESS	
PRODUCTID	VARCHAR(28 CHAR)
COMPLETENESSSTATUS	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
PRODUCT	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
PRODUCTTYPEID	VARCHAR(28 CHAR)
DEFAULTCATALOGCATEGORYID	VARCHAR(28 CHAR)
DEFAULTPRODUCTVARIATIONID	VARCHAR(28 CHAR)
OFFEREDPRODUCT	VARCHAR(28 CHAR)
TYPECODE	VARCHAR(28 CHAR)
SKU	VARCHAR(28 CHAR)
MANUFACTURERNAME	VARCHAR(28 CHAR)
MANUFACTURERID	NUMBER(38,6)
ONLINEFLAG	NUMBER(1,0)
TEMPLATE	VARCHAR(28 CHAR)
IMAGE	VARCHAR(28 CHAR)
THUMBNAIL	VARCHAR(28 CHAR)
MINORDERQUANTITYVALUE	NUMBER(38,6)
MAXORDERQUANTITYVALUE	NUMBER(38,6)
STEPQUANTITYVALUE	VARCHAR(28 CHAR)
UNIT	VARCHAR(28 CHAR)
ORIGINALPRODUCTUID	VARCHAR(28 CHAR)
TOUCHCLASS	VARCHAR(28 CHAR)
AVAILABLEFLAG	NUMBER(1,0)
COMPLETENESS	NUMBER(1,0)
PRICEQUANTITYVALUE	NUMBER(38,6)
VALIDFROM	TIMESTAMP (9)
VALIDTO	TIMESTAMP (9)
SYNCHRONIZED	TIMESTAMP (9)
ENDOFFERED	TIMESTAMP (9)
DERIVINGCATEGORYFLAG	NUMBER(1,0)
AVAILABLESTATUS	VARCHAR(28 CHAR)
PRODUCTVARIATIONPOSITION	NUMBER(1,0)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
ATTRIBUTES	VARCHAR(1000 CHAR)
ATTRIBUTES_DE_DE	VARCHAR(1000 CHAR)
ATTRIBUTES_EN_US	VARCHAR(1000 CHAR)
ATTRIBUTES_EN_US	VARCHAR(1000 CHAR)

DERIVEDPRODUCT	
BASEPRODUCTID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
SKU	VARCHAR(28 CHAR)
MANUFACTURERNAME	VARCHAR(28 CHAR)
MANUFACTURERID	NUMBER(38,6)
ONLINEFLAG	NUMBER(1,0)
TEMPLATE	VARCHAR(28 CHAR)
IMAGE	VARCHAR(28 CHAR)
THUMBNAIL	VARCHAR(28 CHAR)
TAXCLASSID	VARCHAR(28 CHAR)
AVAILABLEFLAG	NUMBER(1,0)
VALIDFROM	TIMESTAMP (9)
VALIDTO	TIMESTAMP (9)
TYPECODE	NUMBER(1,0)
MAXORDERQUANTITYVALUE	NUMBER(38,6)
MINORDERQUANTITYVALUE	NUMBER(38,6)
STEPQUANTITYVALUE	VARCHAR(28 CHAR)
UNIT	VARCHAR(28 CHAR)
PRICEQUANTITYVALUE	NUMBER(38,6)
ENDOFFERED	TIMESTAMP (9)
LASTORDEREDDATE	VARCHAR(28 CHAR)
DEFAULTCATALOGCATEGORYID	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
ATTRIBUTES	VARCHAR(1000 CHAR)
ATTRIBUTES_DE_DE	VARCHAR(1000 CHAR)
ATTRIBUTES_EN_US	VARCHAR(1000 CHAR)
ATTRIBUTES_EN_US	VARCHAR(1000 CHAR)
BUNDLEASSIGNMENT	
PRODUCTID	VARCHAR(28 CHAR)
BUNDLEID	VARCHAR(28 CHAR)
QUANTITY	NUMBER(38,6)
POSITION	NUMBER(1,0)
ONLINEFLAG	NUMBER(1,0)
DOMAINID	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
PRODUCT RA	
USERGROUPID	VARCHAR(28 CHAR)
USERGROUPDOMAINID	VARCHAR(28 CHAR)
ROLEID	VARCHAR(28 CHAR)
AD_UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
LASTMODIFIED	TIMESTAMP (9)
DELETEDPRODUCT	
PRODUCTID	VARCHAR(28 CHAR)
SKU	VARCHAR(28 CHAR)
DOMAINNAME	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
DELETEDIN	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)

## product

IMAGECATEGORYASSIGNMENT	
CATALOGCATEGORYUID	VARCHAR(28 CHAR)
IMAGECATEGORYUID	VARCHAR(28 CHAR)
LASTMODIFIED	TIMESTAMP (9)
IMAGEREFERENCE	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
IMAGEPEUID	VARCHAR(28 CHAR)
IMAGETYPEUID	VARCHAR(28 CHAR)
IMAGEHEIGHT	NUMBER(1,0)
IMAGEWIDTH	NUMBER(1,0)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
IMAGEPRODUCTASSIGNMENT	
PRODUCTUID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
IMAGECATEGORYUID	VARCHAR(28 CHAR)
LASTMODIFIED	TIMESTAMP (9)

## bc image.orn

## image

CATALOGCATEGORY_RA	
USERGROUPID	VARCHAR(28 CHAR)
USERGROUPDOMAINID	VARCHAR(28 CHAR)
ROLEID	VARCHAR(28 CHAR)
AD_UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
LASTMODIFIED	TIMESTAMP (9)
CATALOGCATEGORY	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
PARENTCATEGORYID	VARCHAR(28 CHAR)
HOTDETCATEGORYID	VARCHAR(28 CHAR)
NAME	VARCHAR(28 CHAR)
TEMPLATE	VARCHAR(28 CHAR)
PRODUCTTOUSTRING	NUMBER(1,0)
ONLINEFLAG	NUMBER(1,0)
ROOTCATEGORYFLAG	NUMBER(1,0)
POSITION	NUMBER(1,0)
PRODUCTBROWNGATTITUDE	VARCHAR(28 CHAR)
PRODUCTBROWNGATTITUDE	VARCHAR(28 CHAR)
SEARCHQUERYDEFINITIONNAME	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
CATALOGCATEGORY AV	
OWNERID	= spk.fk2 not null
NAME	= spk not null
LOCALID	= cks not null
CATALOGCATEGORY	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
PARENTCATEGORYID	VARCHAR(28 CHAR)
HOTDETCATEGORYID	VARCHAR(28 CHAR)
NAME	VARCHAR(28 CHAR)
TEMPLATE	VARCHAR(28 CHAR)
PRODUCTTOUSTRING	NUMBER(1,0)
ONLINEFLAG	NUMBER(1,0)
ROOTCATEGORYFLAG	NUMBER(1,0)
POSITION	NUMBER(1,0)
PRODUCTBROWNGATTITUDE	VARCHAR(28 CHAR)
PRODUCTBROWNGATTITUDE	VARCHAR(28 CHAR)
SEARCHQUERYDEFINITIONNAME	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)

## catalog

PRODUCTCOSTPRICE	
PRODUCTID	VARCHAR(28 CHAR)
CURRENCY	VARCHAR(3 CHAR)
VALUE	NUMBER(38,6)
NETPRICEFLAG	NUMBER(1,0)
DOMAINID	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
PRODUCTLISTPRICE	
PRODUCTID	VARCHAR(28 CHAR)
CURRENCY	VARCHAR(3 CHAR)
VALUE	NUMBER(38,6)
NETPRICEFLAG	NUMBER(1,0)
DOMAINID	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
DERIVEDPRODUCTCOSTPRICE	
PRODUCTID	VARCHAR(28 CHAR)
CURRENCY	VARCHAR(3 CHAR)
VALUE	NUMBER(38,6)
NETPRICEFLAG	NUMBER(1,0)
DOMAINID	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
DERIVEDPRODUCTLISTPRICE	
PRODUCTID	VARCHAR(28 CHAR)
CURRENCY	VARCHAR(3 CHAR)
VALUE	NUMBER(38,6)
NETPRICEFLAG	NUMBER(1,0)
DOMAINID	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
PRODUCT RA	
USERGROUPID	VARCHAR(28 CHAR)
USERGROUPDOMAINID	VARCHAR(28 CHAR)
ROLEID	VARCHAR(28 CHAR)
AD_UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
LASTMODIFIED	TIMESTAMP (9)
DELETEDPRODUCT	
PRODUCTID	VARCHAR(28 CHAR)
SKU	VARCHAR(28 CHAR)
DOMAINNAME	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
DELETEDIN	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)

## price

MANUFACTURERNAMEALIA AV	
OWNERID	= spk.fk2 not null
NAME	= spk not null
LOCALID	= cks not null
MANUFACTURERNAMEALIAS	
UID	VARCHAR(28 CHAR)
DOMAINID	VARCHAR(28 CHAR)
NAMEALIAS	VARCHAR(28 CHAR)
OC	NUMBER(1,0)
LASTMODIFIED	TIMESTAMP (9)
MANUFACTURERNAME AV	
OWNERID	= spk.fk2 not null
NAME	= spk not null
LOCALID	= cks not null
MANUFACTURERNAME	
UID	VARCHAR(