

## Entity-Relationship Model Intershop 7



Document ID: ENF7-31-09-01

Version: 7.3.1.0.174

Publication Date: 2013-05-30

Cartridge: **bc\_ruleengine**

### 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.

UUID = RULEPACKAGEID

UUID = RHSACTIONID

### RULE2\_RULEPACKAGE

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

UUID = RULEPACKAGEID

### RULE2\_RULEPCKGRULEFNCTIONASSIG

RULEFUNCTIONID	VARCHAR2(28 CHAR)	<pk, fk1>	<i1, i3>	not null
RULEPACKAGEID	VARCHAR2(28 CHAR)	<pk, fk2>	<i2, i3>	not null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

### RULE2\_RHSOPERATION

UUID	VARCHAR2(28 CHAR)	<pk>	<i2>	not null
DOMAINID	VARCHAR2(28 CHAR)			not null
RHSACTIONID	VARCHAR2(28 CHAR)	<fk>	<i1>	null
OPERATIONNAME	VARCHAR2(256 CHAR)			null
OCA	NUMBER(11,0)			not null
LASTMODIFIED	TIMESTAMP (9)			not null

UUID = OPERATIONID

UUID = RULEFUNCTIONID

### RULE2\_RULEFUNCTION\_AV

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

UUID = OWNERID

### RULE2\_RULEFUNCTION

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

UUID = RULEFUNCTIONID

UUID = RULEFUNCTIONID

## repository

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RULE2_RULEPACKAGERULEASSIGNMEN					
<u>RULEID</u>	<u>VARCHAR2(28 CHAR)</u>	<u>&lt;pk, fk1&gt;</u>	<u>&lt;i1, i3&gt;</u>	<u>not null</u>	
<u>RULEPACKAGEID</u>	<u>VARCHAR2(28 CHAR)</u>	<u>&lt;pk, fk2&gt;</u>	<u>&lt;i2, i3&gt;</u>	<u>not null</u>	
OCA	NUMBER(11,0)			not null	
LASTMODIFIED	TIMESTAMP (9)			not null	

RULE2_RHSACTION					
<u>UUID</u>	<u>VARCHAR2(28 CHAR)</u>	<u>&lt;pk&gt;</u>	<u>&lt;i3&gt;</u>	<u>not null</u>	
DOMAINID	VARCHAR2(28 CHAR)			not null	
RHSID	VARCHAR2(28 CHAR)	<fk1>	<i1>	null	
BINDINGID	VARCHAR2(28 CHAR)	<fk2>	<i2>	null	
UPDATEWORKINGMEMORYFLAG	NUMBER(1,0)			null	
OCA	NUMBER(11,0)			not null	
LASTMODIFIED	TIMESTAMP (9)			not null	

RULE2_RULERHS					
<u>UUID</u>	<u>VARCHAR2(28 CHAR)</u>	<u>&lt;pk&gt;</u>	<u>&lt;i&gt;</u>	<u>not null</u>	
DOMAINID	VARCHAR2(28 CHAR)			not null	
OCA	NUMBER(11,0)			not null	
LASTMODIFIED	TIMESTAMP (9)			not null	

RULE2_BINDING					
<u>UUID</u>	<u>VARCHAR2(28 CHAR)</u>	<u>&lt;pk&gt;</u>	<u>&lt;i&gt;</u>	<u>not null</u>	
DOMAINID	VARCHAR2(28 CHAR)			not null	
BINDINGNAME	VARCHAR2(256 CHAR)			null	
BINDINGCLASSNAME	VARCHAR2(256 CHAR)			not null	
OCA	NUMBER(11,0)			not null	
LASTMODIFIED	TIMESTAMP (9)			not null	

RULE2_RHSOPERATIONPA_AV					
<u>OWNERID</u>	...	<u>&lt;pk, fk&gt;</u>	<u>not null</u>		
<u>NAME</u>	...	<u>&lt;pk&gt;</u>	<u>not null</u>		
<u>LOCALEID</u>	...	<u>&lt;pk&gt;</u>	<u>not null</u>		
...	...				

RULE2_RHSOPERATIONPARAMETER					
<u>UUID</u>	<u>VARCHAR2(28 CHAR)</u>	<u>&lt;pk&gt;</u>	<u>&lt;i4&gt;</u>	<u>not null</u>	
DOMAINID	VARCHAR2(28 CHAR)			not null	
RULEFUNCTIONID	VARCHAR2(28 CHAR)	<fk3>	<i3>	null	
OPERATIONID	VARCHAR2(28 CHAR)	<fk1>	<i1>	null	
BINDINGID	VARCHAR2(28 CHAR)	<fk2>	<i2>	null	
LITERALVALUE	VARCHAR2(256 CHAR)			null	
LITERALTYPE	VARCHAR2(256 CHAR)			null	
BINDINGFUNCTION	VARCHAR2(256 CHAR)			null	
OCA	NUMBER(11,0)			not null	
LASTMODIFIED	TIMESTAMP (9)			not null	

RULE2_EXPRESSION_AV					
<u>OWNERID</u>	...	<u>&lt;pk, fk&gt;</u>	<u>not null</u>		
<u>NAME</u>	...	<u>&lt;pk&gt;</u>	<u>not null</u>		
<u>LOCALEID</u>	...	<u>&lt;pk&gt;</u>	<u>not null</u>		

RULE2_EXPRESSION					
<u>UUID</u>	<u>VARCHAR2(28 CHAR)</u>	<u>&lt;pk&gt;</u>	<u>&lt;i6&gt;</u>	<u>not null</u>	
DOMAINID	VARCHAR2(28 CHAR)			not null	
RULELHSID	VARCHAR2(28 CHAR)	<fk1>	<i1>	null	
RULEFUNCTIONID	VARCHAR2(28 CHAR)	<fk4>	<i4>	null	
EXPRESSIONID	VARCHAR2(28 CHAR)	<fk3>	<i3>	null	
BINDINGID	VARCHAR2(28 CHAR)	<fk2>	<i2>	null	
ID	VARCHAR2(256 CHAR)		<i5>	not null	
EXPRESSIONVALUE	VARCHAR2(256 CHAR)			null	
EXPRESSIONVALUETYPE	VARCHAR2(256 CHAR)			null	
OPERATOR	VARCHAR2(256 CHAR)			null	
ATTRIBUTE	VARCHAR2(256 CHAR)			null	
CONDITIONTYPE	VARCHAR2(256 CHAR)			null	
EXPRESSIONTYPE	VARCHAR2(256 CHAR)			not null	
OCA	NUMBER(11,0)			not null	
LASTMODIFIED	TIMESTAMP (9)			not null	

UUID = RHSID

UUID = BINDINGID

UUID = BINDINGID

UUID = OWNERID

UUID = OWNERID

UUID = BINDINGID

UUID = RULEEXPRESSIONID

UUID = EXPRESSIONID

UUID = RULELHSID

