



Big Fish eCommerce

BF Import Mapping.doc

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1 Modification History

Date	Who	Comments
25-Feb-11	LS	Initial
28-Feb-11	SR	Added seed tables
28-Feb-11	SR	Added default values
28-Feb-11	NR	Categorized into "Seed" and "Product" data streams
28-Feb-11	LS	Updated Table Descriptions
01-Mar-11	LS	Added Content Data section
02-Mar-11	NR	Added "Other Product Related Files" and "Load Sequence"
26-Jul-11	NR	Lots of changes

2 Introduction

2.1 Typical Approach

The typical approach will be to have the client create data in standard format spreadsheets. This will be used to guide the client as to how to manage all their input data. If these spreadsheets can be created automatically (or a similar CSV) then this process will be simplified. If clients maintain these files manually then this mechanism will work just fine.

From the standard XLS (or CSV) formats there will be a custom built ETL tool (Extract, Transform and Load) that will be responsible for creating the XML files that can be imported directly into OFBiz.

2.2 Overview of OFBiz Import Functionality

As a general rule, the best way to import data into OFBiz is using the Entity XML Import tool, available in the Webtools application.

An entity XML file is a plain xml file in which each element represents a record (the element name is the name of the entity) and its attributes represent the fields of the entity that are populated.

This is an example of an entity xml file for the Product entity (containing two rows):

```
<entity-engine-xml>
  <Product productId="PROD_01" internalName="Name of PROD_01" productTypeId="FINISHED_GOOD" />
  <Product productId="PROD_02" internalName="Name of PROD_02" productTypeId="FINISHED_GOOD" />
</entity-engine-xml>
```

If data has been exported into text files (fixed position and character delimited are supported) the import process and the below mapping definitions can be used to map your files to the Ofbiz entities and the Ofbiz Data File Tool can be used to generate Entity XML files from them.

Each mapping expects the Ofbiz Field columns in the sequence defined. To keep the integrity of the mapping sequence, file fields should be provided for empty values.

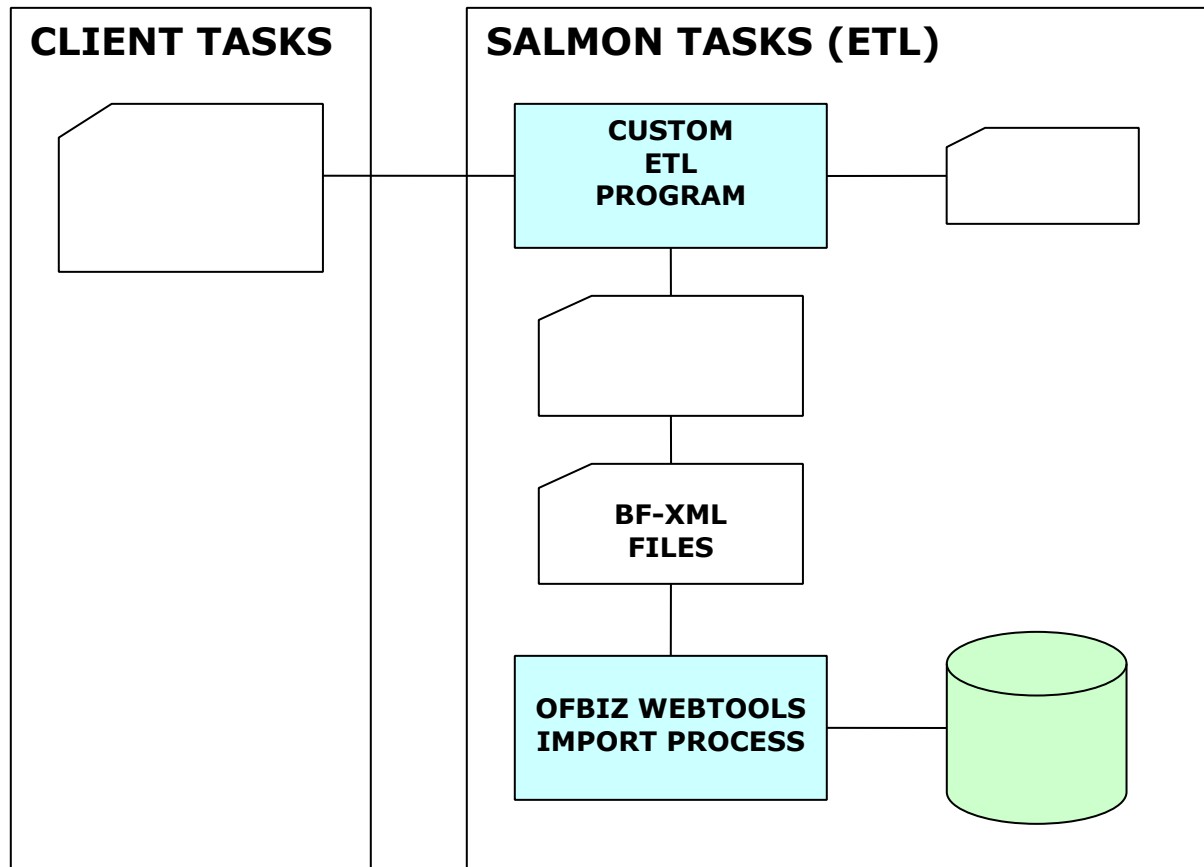
2.3 Document Scope

This document will define the generic import processes for the Big Fish eCommerce Platform. For client specific implementations please refer to the "[CLIENT] Import Mapping" document.

3 Big Fish Approach

3.1 Overview

The approach for importing PRODUCT information is essentially as follows:



NOTES:

- The "Client Data" will be in the "standard format". It is possible that the client capabilities are limited in which case another ETL process may be required.
- At a high level, the standard processing within the ETL tool will be as follows:
 - Read Client Data
 - Read PARMs: (xml, csv, value-pairs, XML) this will contain the baseline store info as follows (and any other fixed parameters):
 - Prod catalog
 - Prod store catalog
- If the client has the capability to create files in either the BF-CSV or BF-XML format then the ETL Task is not required.

3.2 Types of Import

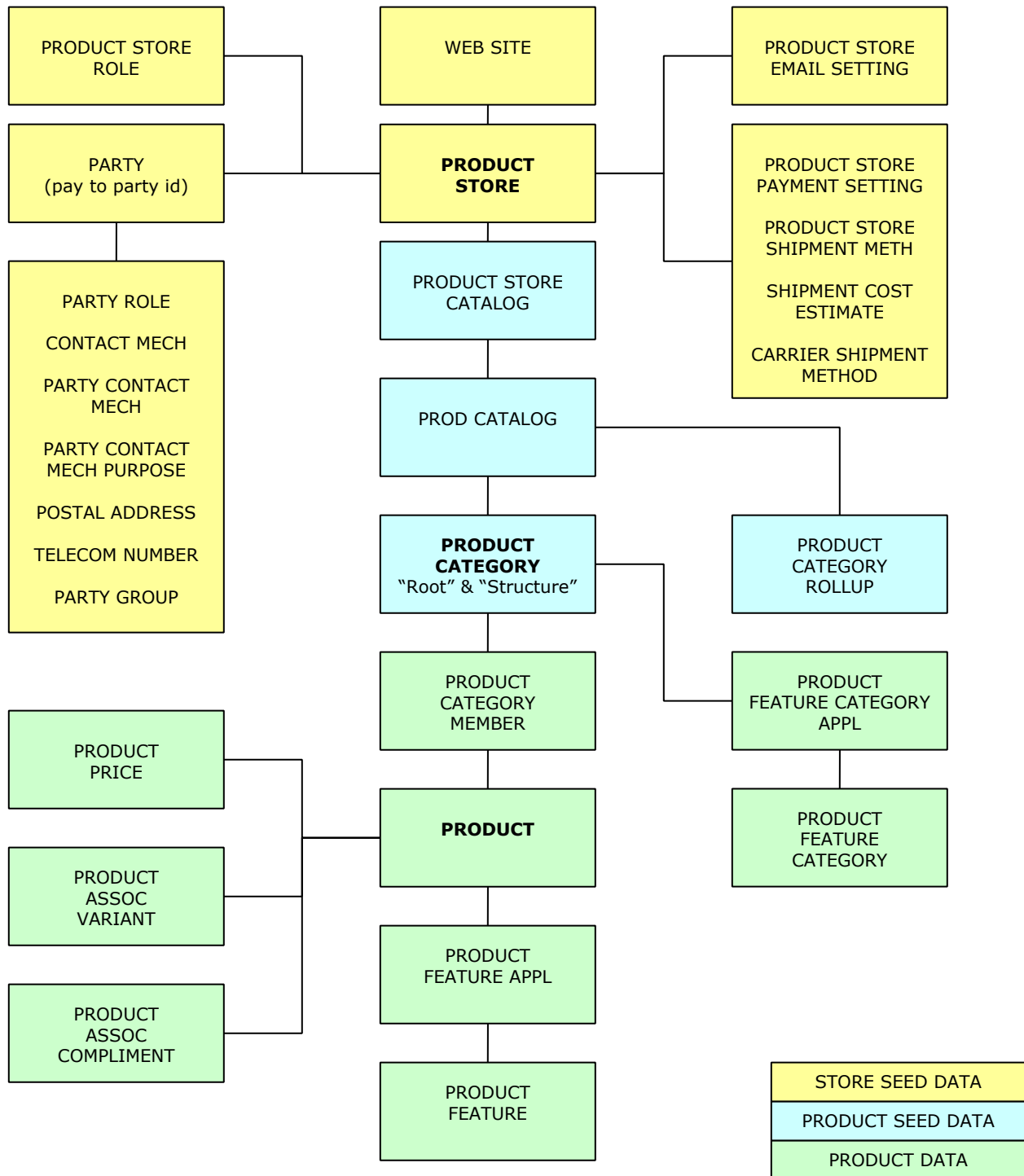
There are five basic types of importing:

- "Store" Seed Data:
 - this is an initial task that will setup the data in order to run a store.
 - It is unlikely that Seed Data setup will require a Custom Transformation Program since the data will be setup either via direct BF-CSV or BF-XML files or input directly into OFBiz.
 - The Store Seed Data will include all PRODUCT STORE and related data.
- "Product" Seed Data:
 - this is also an initial task that is unlikely to be modified once the site is live.
 - The Custom Transformation Program will NOT be required.
 - The Product Seed Data will include all the high level "category" related data.
- Product Data:
 - this is an ongoing import that will setup the products for sale (or no longer for sale)
 - it is the main feed to keep PRODUCT information up-to-date and will include core product information, images, pricing, variants, associated products etc.
- Content Data:
 - this is an ongoing import that will setup content driven data on the site.
 - Content displayed on a site can be in forms of specific area of a page (espots), the entire page and product content.
- Order Data:
 - this is an ongoing import that will be used to update the Order Status (for example, if the back-end ERP system ships a product then a new row will be imported into Big Fish in order to properly reflect the status when the Customer accesses the My-Account eCommerce functions).

3.3 Effective Dating

- From and Thru dates are used to denote when a mapping row goes into effect on a certain date and at a certain time and expires at a certain time period. This can be used to keep history and for effective dating.

4 Visual Overview



5 “Store” Seed Data

5.1 Product Store

The PRODUCT STORE database table defines the eCommerce store at the highest level.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT STORE ID	String		Yes	
PRIMARY STORE GROUP ID	String			
STORE NAME	String			
COMPANY NAME	String			
TITLE	String			
SUBTITLE	String			
PAY TO PARTY ID	String			
DAYS TO CANCEL NON PAY	Numeric			
MANUAL AUTH IS CAPTURE	String			
PRORATE SHIPPING	String			Y
PRORATE TAXES	String			Y
VIEW CART ON ADD	String			N
AUTO SAVE CART	String			Y
AUTO APPROVE REVIEWS	String			N
IS DEMO STORE	String			N
IS IMMEDIATELY FULFILLED	String			Y
INVENTORY FACILITY ID	String			
ONE INVENTORY FACILITY	String			
CHECK INVENTORY	String			
RESERVE INVENTORY	String			
RESERVE ORDER ENUM ID	String			INVRO_FIFO_REC
REQUIRE INVENTORY	String			N
BALANCE RES ON ORDER CREATION	String			Y
REQUIREMENT METHOD ENUM ID	String			
ORDER NUMBER PREFIX	String			
DEFAULT LOCALE STRING	String			
DEFAULT CURRENCY UOM ID	String			
DEFAULT SALES CHANNEL ENUM ID	String			
ALLOW PASSWORD	String			
DEFAULT PASSWORD	String			
EXPLODE ORDER ITEMS	String			
CHECK GC BALANCE	String			
RETRY FAILED AUTHS	String			
HEADER APPROVED STATUS	String			
ITEM APPROVED STATUS	String			
DIGITAL ITEM APPROVED STATUS	String			
HEADER DECLINED STATUS	String			
ITEM DECLINED STATUS	String			
HEADER CANCEL STATUS	String			
ITEM CANCEL STATUS	String			
AUTH DECLINED MESSAGE	String			

AUTH FRAUD MESSAGE	String			
AUTH ERROR MESSAGE	String			
VISUAL THEME ID	String			
STORE CREDIT ACCOUNT ENUM ID	String			
USE PRIMARY EMAIL USERNAME	String			
REQUIRE CUSTOMER ROLE	String			
AUTO INVOICE DIGITAL ITEMS	String			
REQ SHIP ADDR FOR DIG ITEMS	String			
SHOW CHECKOUT GIFT OPTIONS	String			
SELECT PAYMENT TYPE PER ITEM	String			
SHOW PRICES WITH VAT TAX	String			
SHOW TAX IS EXEMPT	String			Y
VAT TAX AUTH GEO ID	String			
VAT TAX AUTH PARTY ID	String			
ENABLE AUTO SUGGESTION LIST	String			Y
ENABLE DIG PROD UPLOAD	String			
PROD SEARCH EXCLUDE VARIANTS	String			Y
DIG PROD UPLOAD CATEGORY ID	String			
AUTO ORDER CC TRY EXP	String			
AUTO ORDER CC TRY OTHER CARDS	String			
AUTO ORDER CC TRY LATER NSF	String			
AUTO ORDER CC TRY LATER MAX	Numeric			
STORE CREDIT VALID DAYS	Numeric			
AUTO APPROVE INVOICE	String			
AUTO APPROVE ORDER	String			
SHIP IF CAPTURE FAILS	String			
SET OWNER UPON ISSUANCE	String			
REQ RETURN INVENTORY RECEIVE	String			N
ADD TO CART REMOVE INCOMPAT	String			N
ADD TO CART REPLACE UPSSELL	String			N
SPLIT PAY PREF PER SHP GRP	String			N
SHOW OUT OF STOCK PRODUCTS	String			Y

5.2 Product Store Email Setting

The PRODUCT STORE EMAIL SETTING table will define the email settings for various types of emails to be distributed to Customers.

The EMAIL TYPE has the following values:

- CONT_NOTI_EMAIL: send "Contact Us Notification" email.
- PARTY_CUST_CONFIRM: "Thank You For Registering" email.
- PRDS_ABD_CART: "Your Cart Was Abandoned" email
- PRDS_EMAIL_VERIFY: "Forgot Password" email
- PRDS_ORDER_CONFIRM: "Order Confirmation" email
- PRDS_ODR_COMPLETE: "Order Complete" email.
- PRDS_ODR_SHIP_COMPLT: "Shipment Complete" email.
- UPD_PRSNL_INF_CNFRM: "Change personal Information" email.
- PRDS_ODR_CHANGE: "Order Change Notification" email.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT STORE ID	String		Yes	
EMAIL TYPE	String		Yes	
BODY SCREEN LOCATION	String			
XSLFO ATTACH SCREEN LOCATION	String			
FROM ADDRESS	String			system@[client.com]
CC ADDRESS	String			
BCC ADDRESS	String			system@[client.com]
SUBJECT	String			
CONTENT TYPE	String			

5.3 Web Site

The WEB SITE table is used to define the URL and other web technical settings. Relationship to PRODUCT_STORE on field PRODUCT STORE ID.

OFBiz Field	Type	File Field	Req.	Default Value
WEB SITE ID	String		Yes	
SITE NAME	String			
HTTP HOST	String			
HTTP PORT	String			
HTTPS HOST	String			
HTTPS PORT	String			
ENABLE HTTPS	String			
STANDARD CONTENT PREFIX	String			
SECURE CONTENT PREFIX	String			
COOKIE DOMAIN	String			
VISUAL THEME SET ID	String			
PRODUCT STORE ID	String			
ALLOW PRODUCT STORE CHANGE	String			

5.4 Product Store Payment Setting

The PRODUCT STORE PAYMENT SETTING table is used to define all gateway responses and the services to call.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT STORE ID	String		Yes	
PAYMENT METHOD TYPE ID	String		Yes	
PAYMENT SERVICE TYPE ENUM ID	String		Yes	
PAYMENT SERVICE	String			
PAYMENT CUSTOM METHOD ID	String			
PAYMENT GATEWAY CONFIG ID	String			
PAYMENT PROPERTIES PATH	String			
APPLY TO ALL PRODUCTS	String			N

5.5 Product Store Shipment Meth

The PRODUCT STORE SHIPMENT METH table is used to define the available ship methods for the store. These are displayed during the check out process.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT STORE SHIP METH ID	String		Yes	
PRODUCT STORE ID	String			
SHIPMENT METHOD TYPE ID	String			
PARTY ID	String			
ROLE TYPE ID	String			
COMPANY PARTY ID	String			
MIN WEIGHT	Float			
MAX WEIGHT	Float			
MIN SIZE	Float			
MAX SIZE	Float			
MIN TOTAL	Float			
MAX TOTAL	Float			
ALLOW USPS ADDR	String			
REQUIRE USPS ADDR	String			
ALLOW COMPANY ADDR	String			
REQUIRE COMPANY ADDR	String			
INCLUDE NO CHARGE ITEMS	String			
INCLUDE FEATURE GROUP	String			
EXCLUDE FEATURE GROUP	String			
INCLUDE GEO ID	String			
EXCLUDE GEO ID	String			
SERVICE NAME	String			
CONFIG PROPS	String			
SHIPMENT CUSTOM METHOD ID	String			
SHIPMENT GATEWAY CONFIG ID	String			
SEQUENCE NUMBER	Numeric			

5.6 Shipment Cost Estimate

The SHIPMENT COST ESTIMATE table is used to define shipping rates. These rates are displayed with the available ship methods during the checkout process.

OFBiz Field	Type	File Field	Req.	Default Value
SHIPMENT COST ESTIMATE ID	String		Yes	
SHIPMENT METHOD TYPE ID	String			
CARRIER PARTY ID	String			
CARRIER ROLE TYPE ID	String			
PRODUCT STORE SHIP METH ID	String			
PRODUCT STORE ID	String			
PARTY ID	String			
ROLE TYPE ID	String			

GEO ID TO	String			
GEO ID FROM	String			
WEIGHT BREAK ID	String			
WEIGHT UOM ID	String			
WEIGHT UNIT PRICE	Float			
QUANTITY BREAK ID	String			
QUANTITY UOM ID	String			
QUANTITY UNIT PRICE	Float			
PRICE BREAK ID	String			
PRICE UOM ID	String			
PRICE UNIT PRICE	Float			
ORDER FLAT PRICE	Float			
ORDER PRICE PERCENT	Float			
ORDER ITEM FLAT PRICE	Float			
SHIPPING PRICE PERCENT	Float			
PRODUCT FEATURE GROUP ID	String			
OVERSIZE UNIT	Float			
OVERSIZE PRICE	Float			
FEATURE PERCENT	Float			
FEATURE PRICE	Float			

5.7 Carrier Shipment Method

The CARRIER SHIPMENT METHOD table associates shipping methods to a 'carrier' party. For example (STANDARD, UPS).

OFBiz Field	Type	File Field	Req.	Default Value
SHIPMENT METHOD TYPE ID	String		Yes	
PARTY ID	String		Yes	
ROLE TYPE ID	String		Yes	
SEQUENCE NUMBER	Numeric			
CARRIER SERVICE CODE	String			

5.8 Party

NOTE: the following tables are used extensively throughout OFBiz for various purposes. For the purpose of IMPORT MAPPING, the definitions below are used to define the Client information (as defined in the PRODUCT STORE).

The PARTY table is used to define additional information for the PRODUCT STORE, linked to that entity via PAY TO PARTY ID.

OFBiz Field	Type	File Field	Req.	Default Value
PARTY ID	String		true	
PARTY TYPE ID	String			
EXTERNAL ID	String			
PREFERRED CURRENCY UOM ID	String			

DESCRIPTION	String			
STATUS ID	String			PARTY_ENABLED
CREATED DATE	DateTime			
CREATED BY USER LOGIN	String			
LAST MODIFIED DATE	DateTime			
LAST MODIFIED BY USER LOGIN	String			
DATA SOURCE ID	String			
IS UNREAD	String			

5.9 Party Role

The PARTY ROLE table is used to define the roles for a party. In this case the role of Not Assigned must at least be created (_NA)

OFBiz Field	Type	File Field	Req.	Default Value
PARTY ID	String		Yes	
ROLE TYPE ID	String		Yes	_NA_

5.10 Party Group

The PARTY GROUP table is used to give a group of parties a name.

OFBiz Field	Type	File Field	Req.	Default Value
PARTY ID	String		Yes	
GROUP NAME	String			
GROUP NAME LOCAL	String			
OFFICE SITE NAME	String			
ANNUAL REVENUE	Float			
NUM EMPLOYEES	Numeric			
TICKER SYMBOL	String			
COMMENTS	String			
LOGO IMAGE URL	String			

5.11 Contact Mech

The CONTACT MECH table is used to associate contacts to contact mech TYPES (POSTAL_ADDRESS, TELECOM_NUMBER, EMAIL_ADDRESS)

OFBiz Field	Type	File Field	Req.	Default Value
CONTACT MECH ID	String		Yes	
CONTACT MECH TYPE ID	String			
INFO STRING	String			

5.12 Party Contact Mech

The PARTY CONTACT MECH table is used to associate the PARTY table to the CONTACT MECH table.

OFBiz Field	Type	File Field	Req.	Default Value
PARTY ID	String		Yes	
CONTACT MECH ID	String		Yes	
FROM DATE	DateTime		Yes	2011-01-01 00:00:00.0
THRU DATE	DateTime			
ROLE TYPE ID	String			
ALLOW SOLICITATION	String			
EXTENSION	String			
VERIFIED	String			
COMMENTS	String			
YEARS WITH CONTACT MECH	Float			
MONTHS WITH CONTACT MECH	Float			

5.13 Party Contact Mech Purpose

The PARTY CONTACT MECH PURPOSE table is used associate the purpose of the parties CONTACT MECH TYPE (ex: PRIMARY_PHONE).

OFBiz Field	Type	File Field	Req.	Default Value
PARTY ID	String		Yes	
CONTACT MECH ID	String		Yes	
CONTACT MECH PURPOSE TYPE ID	String		Yes	
FROM DATE	DateTime		Yes	2011-01-01 00:00:00.0
THRU DATE	DateTime			

5.14 Postal Address

The POSTAL ADDRESS table is used to store the main definition for an Address.

OFBiz Field	Type	File Field	Req.	Default Value
CONTACT MECH ID	String		Yes	
TO NAME	String			
ATTN NAME	String			
ADDRESS1	String			
ADDRESS2	String			
DIRECTIONS	String			
CITY	String			
STATE PROVINCE GEO ID	String			
POSTAL CODE	String			
POSTAL CODE EXT	String			
COUNTRY GEO ID	String			USA
COUNTY GEO ID	String			

POSTAL CODE GEO ID	String			
GEO POINT ID	String			

5.15 Telecom Number

The TELECOM NUMBER table is used to the main definition for Telephone Numbers.

OFBiz Field	Type	File Field	Req.	Default Value
CONTACT MECH ID	String		Yes	
COUNTRY CODE	String			
AREA CODE	String			
CONTACT NUMBER	String			
ASK FOR NAME	String			

6 “Product” Seed Data

6.1 Prod Catalog

The PROD CATALOG database table defines the eCommerce catalog at the highest level.

OFBiz Field	Type	File Field	Req.	Default Value
PROD CATALOG ID	String			
CATEGORY NAME	String			
USE QUICK ADD	String			
STYLE SHEET	String			
HEADER LOGO	String: URL			
CONTENT PATH PREFIX	String: URL			
TEMPLATE PATH PREFIX	String			
VIEW ALLOWED PERM REQD	Char			
PURCHASE ALLOW PERM REQD	Char			

6.2 Product Store Catalog

The PRODUCT_STORE_CATALOG table associates the STORE to the PRODUCT CATALOG.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT STORE ID	String			
PROD CATALOG ID	String			
FROM DATE	DateTime			
THRU DATE	DateTime			
SEQUENCE NUM	Numeric			

6.3 Product Category

The PRODUCT CATEGORY table is used to define the Category -> Sub-Category hierarchy. The “root” is defined when PRIMARY PARENT CATEGORY ID is empty.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT CATEGORY ID	String			
PRODUCT CATEGORY TYPE ID	String			CATALOG_CATEGORY
PRIMARY PARENT CATEGORY ID	String			
CATEGORY NAME	String			
DESCRIPTION	String			
LONG DESCRIPTION	String			
CATEGORY IMAGE URL	String			
LINK ONE IMAGE URL	String			
LINK TWO IMAGE URL	String			
DETAIL SCREEN	String			
SHOW IN SELECT	Char			

6.4 Prod Catalog Category

The PROD CATALOG table associates a CATALOG with a “root” PRODUCT CATEGORY.

OFBiz Field	Type	File Field	Req.	Default Value
PROD CATALOG ID	String			
PRODUCT CATEGORY ID	String			
PROD CATALOG CATEGORY TYPE ID	String			
FROM DATE	DateTime			
THRU DATE	DateTime			
SEQUENCE NUM	Numeric			

6.5 Product Category Rollup

The PRODUCT CATEGORY ROLLUP table is effectively the same as PRODUCT CATEGORY with effective dating capability.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT CATEGORY ID	String			
PARENT PRODUCT CATEGORY ID	String			
FROM DATE	DateTime			
THRU DATE	DateTime			
SEQUENCE NUM	Numeric			

7 Product Data

7.1 Product

The PRODUCT table is used as the main definition for a PRODUCT.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT ID	String			
PRODUCT TYPE ID	String			
PRIMARY PRODUCT CATEGORY ID	String			
MANUFACTURER PARTY ID	String			
FACILITY ID	String			
INTRODUCTION DATE	DateTime			
RELEASE DATE	DateTime			
SUPPORT DISCONTINUATION DATE	DateTime			
SALES DISCONTINUATION DATE	DateTime			
SALES DISC WHEN NOT AVAIL	Char			
INTERNAL NAME	String			
BRAND NAME	String			
COMMENTS	String			
PRODUCT NAME	String			
DESCRIPTION	String			
LONG DESCRIPTION	String			
PRICE DETAIL TEXT	String			
SMALL IMAGE URL	String			
MEDIUM IMAGE URL	String			
LARGE IMAGE URL	String			
ORIGINAL IMAGE URL	String			
DETAIL SCREEN	String			
INVENTORY MESSAGE	String			
REQUIRE INVENTORY	Char			
QUANTITY UOM ID	String			
PIECES INCLUDED	Numeric			
REQUIRE AMOUNT	Char			
FIXED AMOUNT	Float			
AMOUNT UOM TYPE ID	String			
WEIGHT UOM ID	String			
WEIGHT	Float			
PRODUCT WEIGHT	Float			
HEIGHT UOM ID	String			
PRODUCT HEIGHT	Float			
SHIPPING HEIGHT	Float			
WIDTH UOM ID	String			
PRODUCT WIDTH	Float			
SHIPPING WIDTH	Float			
DEPTH UOM ID	String			
PRODUCT DEPTH	Float			
SHIPPING DEPTH	Float			
DIAMETER UOM ID	String			
PRODUCT DIAMETER	Float			

PRODUCT RATING	Float			
RATING TYPE ENUM	String			
RETURNABLE	Char			
TAXABLE	Char			
CHARGE SHIPPING	Char			
AUTO CREATE KEYWORDS	Char			
INCLUDE IN PROMOTIONS	Char			
IS VIRTUAL	Char			
IS VARIANT	Char			
VIRTUAL VARIANT METHOD ENUM ID	String			
ORIGIN GEO ID	String			
REQUIREMENT METHOD ENUM ID	String			
BILL OF MATERIALS LEVEL	Numeric			
RESERVE MAX PERSONS	Float			
RESERVE 2 ND PPPERC	Float			
RESERVE NTH PPPERC	Float			
CONFIG ID	String			
IN SHIPPING	Char			
DEFAULT SHIPMENT BOX TYPE ID	String			

7.2 Product Category Member

The PRODUCT CATEGORY MEMBER table is used to define which category product are organized into. A product may be a member of multiple categories.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT CATEGORY ID	String			
PRODUCT ID	String			
FROM DATE	DateTime			
THRU DATE	DateTime			
COMMENTS	String			
SEQUENCE NUM	Numeric			
QUANTITY	Float			

7.3 Product Price

The PRODUCT PRICE table is used to define product pricing of types (LIST_PRICE,DEFAULT_PRICE, AVERAGE_COST).

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT ID	String			
PRODUCT PRICE TYPE ID	String			
PRODUCT PRICE PURPOSE ID	String			
CURRENCY UOM ID	String			
PRODUCT STORE GROUP ID	String			
FROM DATE	DateTime			
THRU DATE	DateTime			

PRICE	Float			
-------	-------	--	--	--

7.4 Product Assoc Variant

The PRODUCT ASSOC VARIANT table is used to associate 'virtual' products to a 'variant' product.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT ID	String			
PRODUCT ID TO	String			
PRODUCT ASSOC TYPE ID	String			PRODUCT_VARIANT
FROM DATE	DateTime			
THRU DATE	DateTime			
COMMENTS	String			
SEQUENCE NUM	Numeric			
REASON	String			
QUANTITY	Float			
SCRAP FACTOR	Float			
INSTRUCTION	String			
ROUTING WORK EFFORT ID	String			
ESTIMATE CALC METHOD	String			
RECURRENCE INFO ID	String			

7.5 Product Assoc Compliment

The PRODUCT ASSOC COMPLIMENT table is used to associate 'recommended' products to a product.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT ID	String			
PRODUCT ID TO	String			
PRODUCT ASSOC TYPE ID	String			PRODUCT_COMPLIMENT
FROM DATE	DateTime			
THRU DATE	DateTime			
COMMENTS	String			
SEQUENCE NUM	Numeric			
REASON	String			
QUANTITY	Float			
SCRAP FACTOR	Float			
INSTRUCTION	String			
ROUTING WORK EFFORT ID	String			
ESTIMATE CALC METHOD	String			
RECURRENCE INFO ID	String			

7.6 Product Feature Category

The PRODUCT FEATURE CATEGORY table is used to categorize features, for example (Sizes, Colors).

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT FEATURE CATEGORY ID	String			
PARENT CATEGORY ID	String			
DESCRIPTION	String			

7.7 Product Feature Category Appl

The PRODUCT FEATURE CATEGORY APPL table is used to associate a Feature Categories to product Categories. Typically used for faceting.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT CATEGORY ID	String			
PRODUCT FEATURE CATEGORY ID	String			
FROM DATE	DateTime			
THRU DATE	DateTime			

7.8 Product Feature

The PRODUCT FEATURE table is used to define features of products. Features are characteristics which differentiate products. Typical features include size and color.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT FEATURE ID	String			
PRODUCT FEATURE TYPE ID	String			
PRODUCT FEATURE CATEGORY ID	String			
DESCRIPTION	String			
UOM ID	String			
NUMBER SPECIFIED	Float			
DEFAULT AMOUNT	Float			
DEFAULT SEQUENCE NUM	Numeric			
ABBREV	String			
ID CODE	String			

7.9 Product Feature Appl

The PRODUCT FEATURE APPL table is used to associate Standard or Selectable features to a product.

Standard – are features which are associated with every instance of product.

Selectable – are features which the customer selects from many available choices.

For example:

- A shirt may be available in White, Blue and Green.
- These colors would be 'selectable' features of the 'variant' product shirt, and the customer would be prompted to choose a color.
- Each color, though, would be a standard feature of the 'virtual' product shirt.

- Thus, White would be a 'selectable' feature of the 'virtual' product shirt but a 'standard' feature of white shirt.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT ID	String			
PRODUCT FEATURE ID	String			
PRODUCT FEATURE APPL TYPE ID	String			
FROM DATE	DateTime			
THRU DATE	DateTime			
SEQUENCE NUM	Numeric			
AMUONT	Float			
RECURRING AMOUNT	Float			

7.10 Other Product Related Files

- Data Resource Large Image
- Data Resource Small Image
- Data Resource Product Name
- Content Large Image
- Content Small Image
- Content Product Name
- Electronic Text Product Name
- Product Content Detail Image
- Product Content Large Image
- Product Content Small Image
- Product Content Product Name
- Product Content Add 1 Image
- Product Content Add 1 Detail Image
- Product Content Add 2 Image
- Product Content Add 2 Detail Image
- Product Content Add 3 Image
- Product Content Add 3 Detail Image

- “Content” Data

7.11 Content

The CONTENT database table acts as a ‘handle’ to a single piece of content referenced by the DATA RESOURCE ID.

OFBiz Field	Type	File Field	Req.	Default Value
CONTENT ID	String			
CONTENT TYPE ID	String			
OWNER CONTENT ID	String			
DECORATOR CONTENT ID	String			
INSTANCE OF CONTENT ID	String:			
DATA RESOURCE ID	String:			
TEMPLATE DATA RESOURCE ID	String			
STATUS ID	String			
PRIVILEGE ENUM ID	String			
SERVICE NAME	String			
CONTENT NAME	String			
DESCRIPTION	String			
LOCALE STRING	String			
MIME TYPE ID	String			
CHARACTER SET ID	String			
CHILD LEAF COUNT	Numeric			
CHILD BRANCH COUNT	Numeric			

7.12 Data Resource

The DATA_RESOURCE database table stores particular pieces of content to be reused without having to duplicate and is really the ‘content’. Typically the data resource is accessed via the Content table.

The MIME_TYPE_ID indicates the format of the content pointed to by the Data Resource:

- Text/html
- Image

The DATA_RESOURCE_TYPE_ID indicates how the content is stored:

- ELECTRONIC TEXT – Stored in Electronic Text
- SHORT TEXT – Absolute file name, stored in the Data Resource OBJECT INFO field.

OFBiz Field	Type	File Field	Req.	Default Value
DATA_RESOURCE_ID	String			
DATA_RESOURCE_TYPE_ID	String			
DATA_TEMPLATE_TYPE_ID	String			
DATA_CATEGORY_ID	String			
DATA_SOURCE_ID	String:			
STATUS_ID	String:			
DATA_RESOURCE_NAME	String			
LOCALE STRING	String			

MIME TYPE ID	String			
CHARACTER SET ID	String			
OBJECT INFO	String			
SURVEY ID	String			
SURVEY RESPONSE ID	String			
IS PUBLIC	String			

7.13 Electronic Text

The ELECTRONIC_TEXT database defines the Text data of a data resource.

OFBiz Field	Type	File Field	Req.	Default Value
DATA RESOURCE ID	String			
TEXT DATA	String			

7.14 Product Content

The PRODUCT_CONTENT database associates a product to a specific piece of content.

OFBiz Field	Type	File Field	Req.	Default Value
PRODUCT ID	String			
CONTENT ID	String			
PRODUCT CONTENT TYPE ID				
FROM DATE	DateTime			
THRU DATE	DateTime			
PURCHASE FROM DATE	DateTime			
PURCHASE THRU DATE	DateTime			
USE COUNT LIMIT	Numeric			
USE TIME	Numeric			
USE TIME UOM ID	String			
USE ROLE TYPE ID	String			

8 Store and Product Load Sequence

8.1 Store Seed

- Party
- Party Role
- Party Group
- Person
- Contact Mech
- Party Contact Mech
- Party Contact Mech Purpose
- Postal Address
- Telecom Number
- Carrier Shipment Method
- Product Store
- Product Store Email Setting
- Product Store Payment Settings
- Product Store Shipment Meth
- Shipment Cost Estimate
- Web Site

8.2 Product Seed

- Prod Catalog
- Product Store Catalog
- Product Category
- Prod Catalog Category
- Product Category Rollup

8.3 Product

- Product
- Product List Price
- Product Default Price
- Product Category Member
- Product Assoc Compliment
- Product Feature Category
- Product Feature
- Product Feature Category Appl
- Data Resource Large Image
- Data Resource Small Image
- Data Resource Product Name
- Content Large Image
- Content Small Image
- Content Product Name
- Electronic Text Product Name
- Product Content Detail Image
- Product Content Large Image
- Product Content Small Image
- Product Content Product Name

- Product Content Add 1 Image
- Product Content Add 1 Detail Image
- Product Content Add 2 Image
- Product Content Add 2 Detail Image
- Product Content Add 3 Image
- Product Content Add 3 Detail Image

9 Order Data

TBA