



BF Overview Recurring Orders.doc

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1 Modification History

Date	Who	Comments
24-Jul-13	Solveda	Initial

2 Recurring Orders Overview

2.1 Document Purpose

- This document is used to describe configuration and BigFish behaviour for Recurring Orders
- In some ways this will act as requirements for this feature
 - Incorporating requirements into existing specs, without context, will become confusing
- Where appropriate, this document will refer to other specifications should be referenced

2.2 Feature Overview

- Recurring Orders are orders that "repeat" based on a configured "frequency"
- Example:
 - For 1800FishOil and 1800Athlete, recurring orders are a major part of their business model
 - Customers choose to purchase 3 bottles of a specific product
 - And agree to have 3 more bottles shipped to them automatically every 3 months
 - This remains in place, for a consistent reduced price, until the Recurring Order is cancelled
 - FYI: for these clients these orders are known as "SuperSaver" orders

2.3 Product Configuration

- Special processing will check if a RECURRENCE_CHARGE is in place for a Product
 - Applies to Finished-Good, Variant and Virtual products
- If so, and if the RecurrenceInfo is exposed in the DIV-Sequencer then the PDP will offer a Recurring Order option (see Product Detail Page below)
- For the 1800xxxx solutions this is easily accommodated given their use of OFBiz as an ERP solution
 - They have functions and processes to update this information for specific products that qualify for
 - As of Jul-2013 the ability to maintain recurrence rules is NOT supported in the Admin Module
 - If required this will be part of a future development effort

2.4 Product Detail page

- The PDP is the primary page that will use the recurrence rule XXX
- If detected special coding will be in place to display a selector as follows (example):

2 GREAT WAYS TO ORDER	
Regular Price, \$46.95 each	Qty: <input type="text"/>
<input checked="" type="checkbox"/> Super Save, \$34.95 each, SAVE 25%	

BUY NOW!

2.5 How It Works

- Recurrence Pricing is setup on the product
 - This is stored on the PRODUCT_PRICE entity
 - Attribute is DEFAULT_PRICE
 - Where the "purpose" is "RECURRENCE_CHARGE"
- Special Processing in the PDP will expose the Recurring Order and Price option (see above for more details)
- Technical: Services as follows:
 - addRecurrenceItemToCart. This will add the product to the cart with the Recurrence price.
 - generateCartRecurrenceShoppingList. This will process the shopping cart prior to generating the order and add the Recurrence items to the customers Shopping List□Note this will also work for Guest customers.
 - generateReOrderShoppingList. This will process the Recurrence Shopping Lists and generate new orders□This service will be updated from the existing obiz ReOrder Shopping List service to use Modified Price.
- Scheduled Jobs
 - These are executed daily, looking for Recurring Orders for new order creation