Big Fish eCommerce

BF Admin Module Services.doc

Last Updated: 16-Aug-2012

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1   Modification History

Date	Who	Comments
16-Aug-12	Salmon	Initial

2   BigFish Services

2.1   Overview

- This document will define the requirements for BigFish specific services
- Typically they are required to be executed on a regular basis via the Scheduled Jobs function

2.2   Service List Summary

Service	Description
clientProductUpdates *	A service that will look for a file created by the client that contains all Product changes. This may include new products, removed products or changes to existing products. Typically run daily during low traffic hours, however some clients may have a more regular update in order to maintain accurate inventory levels.
clientProductRatingsUpdates *	Update Product Ratings, could be a Reevoo implementation. See BF-Reevoo-Implementation spec.
clientOrderStatusUpdates *	A service that will look for a file created by the client that contains all Order Status changes. Typically run daily during low traffic hours, however some clients may require an hourly execution in order to keep customers informed on a more timely basis.
bigFishCustomerFeed *	A service that extracts all new Registered Customers and creates a file for the client. The client would typically load this information into their back-end ERP solution and eMail Campaign management systems. Typically run daily during low traffic hours.
bigFishOrderFeed *	A service that extracts all new eCommerce Orders and creates a file for the client. The client would typically load this into their back-end fulfillment solution. Typically run several times per day.
bigFishContactUsFeed *	A service that extracts all new Contact Us Events and creates a file for the client. The client may load this into their CRM solution. Typically run daily during low traffic hours, however some clients may want more regular updates in order to perform exceptional customer service.
bigFishRequestCatalogFeed *	A service that extracts all new Request Catalog Events and creates a file for the client. Typically run during low traffic hours.

2.3   References

- BF-Admin-Module-Scheduled-Jobs
- BF-Admin-Module-Feeds
- BF-Reevoo-Implementation

3   Service Processing Requirements

3.1 Service: clientProductUpdates

1.   The service targets a directory identified by the system parameter BF_IMPORT_FILE_URL
2.   The service is looking for XML files that have a file-name that matches the parameter BF_IMPORT_PRODUCT_UPDATE
3.   If a file is not found, then done
4.   File is found for processing
5.   Use the function defined in the BF-Admin-Module-Product-Loader to process the XML file
6.   Errors should be logged in the main OFBiz log file (or another file??)
7.   If the file cannot be processed, then done
8.   If the file is successfully processed then rename to PROCESSED_file-name

- See the following specs for additional information:
  - BF-Admin-Module-Feeds
  - BF-Admin-Module-Product-Loader

3.2 Service: clientOrderStatusUpdates

3.3 Service: bigFishCustomerFeed

3.4 Service: bigFishOrderFeed

3.5 Service: bigFishContactUsFeed

3.6 Service: bigFishRequestCatalogFeed