big fish

BF Admin Module Tools.doc

Last Updated: 13-Nov-2014

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1 Modification History

Date	Who	Comments
11-Jun-12	Solveda	Split from doc BF-Admin-Module-Admin (see Mod History in that spec for relevant "Tools" changes)
18-Jun-12	Solveda	Request to load DIV-Sequencer into memory (25958); so Clear-Cache has been expanded.
20-Jun-12	Solveda	Cache reset also includes the SEO-Friendly-URL, change to description only.
22-Jun-12	Solveda	Details for robots.txt function
28-Jun-12	Solveda	Split DIV-Sequencer into new doc BF-Admin-Module-DIV-Sequencer
3-Jul-12	Solveda	Added DIV-Sequence Compare Tool
5-Jul-12	Solveda	Expanded Clear-Cache function
6-Jul-12	Solveda	Enhancements for "variant" products in SEO-Friendly and sitemap.xml
12-Jul-12	Solveda	Included "System Configuration Files" in the Tools section
30-Jul-12	Solveda	Added "Email Test" function
14-Aug-12	Solveda	Added more system configuration files for view.
15-Aug-12	Solveda	"Email Test" enhancements
15-Aug-12	Solveda	Added "Health Check" function
24-Aug-12	Solveda	Added "BigFish XML Exporter" function
12-Sep-12	Solveda	Added "Catalog Asset Checker"
3-Oct-12	Solveda	Consolidated the CSS management functions; re-sequenced the Tools menu to be alphabetical
16-Oct-12	Solveda	Requirements for Email Test, when called from the Email Templates screen.
14-Dec-12	Solveda	Introduced "synchronize" feature in all Compare functions.
26-Feb-13	Solveda	Added "test text message" function
26-Feb-13	Solveda	Added "text templates" to the Export function
14-Mar-13	Solveda	Disallow editing of a compressed CSS file
18-Apr-13	Solveda	Added "Manage Custom Attributes"
20-Jun-13	Solveda	Added "Product Delete Tool" function. Used mainly during testing, to remove all Products prior to a new product load. Equivalent functionality has been removed from Product-Loader.
20-Sep-13	Solveda	Added Payment-Gateway, Shipping and Taxes to "exporter"
10-Oct-13	Solveda	BigFish Parameter maintenance screens
15-Oct-13	Solveda	Added Parameter XML files to ManageXMLUrlCache
22-Oct-13	Solveda	Added "Page Tagging" to the "exporter"
23-Oct-13	Solveda	Added "Stores" to the "exporter"
31-Dec-13	Solveda	Added "Promotions" to the "exporter"

2 Admin Tools

2.1 Technical Note

- Multi-Store Consideration:
  - For "Multi Store" implementations, the Admin Tools functions need to consider the "active store"

2.2 List Screen

admin tools

Admin Tools	
Function	**Description**
BigFish Parameters	Maintain various XML based parameter files. Includes Recurrence Rules, Email Styles.
BigFish XML Exporter	Various functions to export data, mainly focused on content, from the database to an XML format. These XML files will be suitable for load into another OFBiz database instance.
Clear BigFish Cache	This function will clear various memory cache that are used within the BigFish solution. These resources are loaded into memory once and if changes are made in these areas then cache needs to be cleared for the changes to take affect.
CSS Management Tools	This allows for the editing, loading or replacement of CSS files for either the eCommerce implementation or the Admin Module.
Entity Sync	This function will synchronize content from a STAGING source instance to a PRODUCTION target instance.
Manage Custom Party Attributes	This function allows the modification of the Custom Party Attributes XML definition file. All data is held in the file "OSafeCustomPartyAttributes.xml"
Manage DIV Sequences	This function allows the modification of the Custom Party Attributes XML definition file. This function will maintain the sequencing of DIV tags, by screen. All data is held in the file "OSafeUiSequence.xml"
Product Delete Tool	This function will remove all Products and related data. Typically used during the development life-cycle so that new Product Loads can refresh the database.
SOLR Indexing	This function will re-index SOLR. It should be executed whenever the Product Catalog is updated so that PLP, PDP and Faceted Navigation is refreshed.

Compare Tools	
Function	**Description**
Compare Tool: DIV Sequences	This tool will compare the DIV-Sequencing file installed on this server (the "A" version) with another instance (the "B" version). Access to the "B" version is required.
Compare Tool: Labels and Captions	This tool will compare the Label / Captions file installed on this server (the "A" version) with another instance (the "B" version). Access to the "B" version is required.
Compare Tool: System Parameters	This tool will compare the SYSTEM_PARAMETERS database entity on this server (the "A" version) with another instance (the "B" version). Access to the "B" database is required.

SEO Tools	
Function	**Description**
Robots TXT Generator	This will generate a recommended robots.txt and display the results within this browser. You may then save, edit and deploy the file as appropriate.
SEO Friendly URL	This function will refresh the SEO Friendly URL Mapping File (XML)
Sitemap XML Generator	This function will generate a sitemap.xml and display the results within this browser. You may then save and deploy the file as appropriate. Sitemap URL's will include all active Product Catalog data and Static Pages.

Utilities	
Function	**Description**
Email Test	This function will use your OFBiz and BigFish properties and send out a test email.
Text Message Test	This function will use your Text Messaging configurations and send out a test text message.
Catalog Asset Checker	This tool will review all Category and Product image references in the Catalog and verify if there is an available image asset.
System Configuration Files	View system configuration files to confirm high-level settings and operational configurations.
System Health Check	A general function that can perform some common health checks and take corrective actions.

Back

2.3   Message Area

- For the Admin Tools functionality, each subsequent page will display the appropriate success or error message.

- Messages styling will conform to the format defined in the BF-Admin-Module-General section as follows:

☒ Error Message

☑ Success Message

3 BigFish Parameters

3.1 Overview

- This function will allow for the maintenance of various BigFish Parameter files

- Files are located in the directory:
  `\hot-deploy\osafe\config\`

- Files are named "Parameters_xxxx.xml"
  - Pre-processing should identify all files that match the pattern "`Parameters_*.xml`" and populate the "Parameter File" drop-down on the search screen

- All files are defined in a similar format, for example the Parameters_Email_Styles.xml:

```
<property key="DEFAULT_TABLE_BODY">
    <description>Default styling for inner tables</description>
    <value>"color:#000000;font-family:arial;font-size:12px;"</value>
</property>

<property key="LOGO">
    <description>Logo styling</description>
    <value>"display:block;padding:10px;"</value>
</property>

<property key="LINK">
    <description>Default styling for inner tables</description>
    <value>"text-decoration: none;color:#BF0000;"</value>
</property>

<property key="MAIN_CONTENT">
    <description>Default styling for inner tables</description>
    <value>"padding:10px;"</value>
</property>

<property key="LABEL">
    <description>Default styling for inner tables</description>
    <value>"color:#666666;font-weight: 700;"</value>
</property>
```

- Accessed from other functions:
  - This function should e written so that it can be called from other functions within the Admin Module. For example:
    - The "Manage Emails" section will have a link so that users can modify their Email Parameters
    - Processing should pre-select the "Parameters_Email_Styles.xml" file from the Parameter File drop-down
    - The drop-down should be non-editable
    - Data should be retrieved and the list should display all existing values
    - See spec "*BF Admin Module Manage Email.doc*" for more information

3.2 Search and List: Visual Guideline

manage bigfish parameters

Manage BigFish Parameters	
Parameter File:	Drop-down
Search	

- Initial display will only show the section above, the list will be shown upon Search

- Info Text
  - "Includes all files matching the pattern Parameters_*.xml located in the \hot-deploy\osafe\config\ directory. Matching will honor case."

- Search
  - this will find all matching entries for the "Parameter File" selected and display the section below:

File: Parameters_Email_Styles.xml

Key	Description	Value
DEFAULT_TABLE_BODY	Default table styling	"color:#000000;font-family:arial;font-size:12px;"
LOGO	Logo styling	"display:block;padding:10px;"
LINK	Link styling	"text-decoration: none;color:#BF0000;"
MAIN_CONTENT	General default styling	"padding:10px;"
LABEL	Label Styling	"color:#666666;font-weight: 700;"
Back	**Save**	**Add**

3.3 Actions

- Save
  - Update the XML file
  - Display message "Your changes to [Parameter File] have been saved. You will need to reset cache in Admin/Tools for your changes to take effect."
  - Remain on this screen
  - Hide the "list" section of the display

- Add
  - Redirect to the detail screen in Add mode

3.4 Helpers and Warnings

- Warning Text
  - "You will need to reset cache in Admin/Tools for your changes to take effect"

- 🔲
    - Tooltip is set to "Export to XML"
    - This should effectively write the active XML file to a browser tab, so that users can save to their local file system

3.5   Detail Screen

parameter detail

Parameter Detail	
Key:	DEFAULT_TABLE_BODY
Description:	Default table styling
Value:	"color:#000000;font-family:arial;font-size:12px;"
Back **Save** **Delete**	◇

- Add Mode
    - All attributes are available for entry
        - Key: must have an entry, no spaces or special characters
        - Description: must have an entry
        - Value: entry is optional

- Edit Mode
    - Key is read-only
    - Description is editable
    - Value is editable

- "Delete", will prompt for confirmation
    - Deleting a Parameter may cause serious harm to your eCommerce implementation. Are you sure you want to delete the Parameter [Key]?
    - Yes / No

- "Save" message: "Your changes to [key] have been saved. You will need to reset cache in Admin/Tools for your changes to take effect."

- "Back", return to List Screen

- Warning Text
    - See List screen

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4   Manage CSS Files

4.1   Visual Guideline

manage CSS files

[message-area]

Manage CSS Files
● eCommerce Module
○ Admin Module

Available [eCommerce Module] CSS Files on "osafe_theme/css" directory	
BigFishSkin.css	
MonochromeTheme.css	Make Active
RedWhiteBlueTheme.css	Make Active
SpecialXmasSkin.css	Make Active
	Browse
Back	Load CSS

4.2   Processing Rules

- Main selector: eCommerce or Admin
  - This will dynamically retrieve the available CSS files for the specific module
  - Available CSS files will be displayed in the list screen

- Actions

  - "Make Active"
    - The selected CSS file should be used as the active file
    - Tech Note: change the reference in the attribute VISUAL_THEME_RESOURCE.RESOURCE_VALUE

  - "Edit CSS"
    - This will redirect to the "Edit CSS File" function

  - "Load CSS"
    - Load a new CSS file onto the server in the appropriate location

- Helper Text
  - Load new file component: "Use Browse button to find a new CSS file. Then click Load-CSS to load into the system."

4.3 **Edit CSS File**

edit CSS file

[message-area]

Editing file: bigFishClientSkin.css

Replace With: [_____]   [Browse]

Back	**Save and Refresh**	**Save and Return**

4.4 **Pre-Processing**

- Compressed CSS File

  - A CSS file that is in "compressed' format should not be allowed direct editing
    - If a CSS file is compressed it is considered a "production" version
    - Compression removes all comments and unnecessary spaces from a CSS file

  - If a CSS does NOT contain two consecutive spaces then:
    - Display information message

      > ▼ The CSS file has been optimized and compressed and cannot be edited

    - Disable "Save and Refresh", "Replace Text", "Save and Return"

4.5 **Processing Rules**

- Functional Overview
  - Allows the direct editing of a CSS file

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- o Allows for the text of the active CSS file to be replaced with text from another CSS file on the local file system
- o Allows the saving of a new CSS file on the server that can be used in the "Switch CSS" function

- ■ Actions

  - o "Replace With"
    - ▪ prompts for a file on the local file system
    - ▪ use default extension of ".css"
    - ▪ the "Browse" function will copy a file from the local file system to the server using a temporary name
      - ▪ NOTE: the temporary file should be removed upon entering this function so that the user cannot mistakenly replace the text with previously updated text
    - ▪ the "Replace Text" will copy the contents of the temporary file into the Edit Box

  - o "Save and Refresh"
    - ▪ Perform "Save" action and remain on this screen so that additional edits can be made

  - o "Save and Return"
    - ▪ Perform "Save" action and if successful return to the Admin menu screen

5   Sitemap XML

5.1   Overview

- The generation of the sitemap.xml file is tied very closely to the SEO Friendly URL function

5.2   UI Guideline

sitemap XML generator

[message-area]

Sitemap XML Generator

This function will generate a sitemap.xml and display the results within this browser. You may then save and deploy the file as appropriate. Sitemap URL's will include all active Product Catalog data and Static Pages.

Back   **Generate XML Sitemap**

5.3   Processing:

- Products:

  - The Product Catalog should be traversed and all active categories and products identified and added to the sitemap.xml file.

  - Products that are not yet introduced or are discontinued should NOT be included

  - All "buyable" products should be considered
    - Variants   Virtual=N   Variant=Y
    - Finished Goods   Virtual=N   Variant=N

- Static Pages:
  - Static content should be included in the sitemap.xml

- Example:

```
<?xml version="1.0" encoding="UTF-8"?>

<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">

  <url>
    <loc>
      http://domain
    </loc>
  </url>

  <url>
    <loc>
      http://domain/.../...?productCategoryId=10032
    </loc>
```

```
  </url>

  <url>
    <loc>
      http://domain/.../...?productCategoryId=10051
    </loc>
  </url>

  <url>
    <loc>
      http://domain/.../...?productId=24306&productCategoryId=10051
    </loc>
  </url>

  <url>
    <loc>
      http://domain/.../...?contentId=SP_RETURN_POLICY
    </loc>
  <url>

</urlset>
```

- Viewing the sitemap.xml file

  - The generated sitemap.xml file should be displayed in a new tab in the browser

  - It is the user's responsibility to save and deploy the sitemap.xml as appropriate

- System Parameters

Name	Key	Description	Value (example)
SITEMAP_CLP_URL	SITEMAP	Sitemap starting URL for Category List Pages	http://www.goldmedalhair.com/gmh
SITEMAP_PLP_URL	SITEMAP	Sitemap starting URL for Product List Pages	http://www.goldmedalhair.com/gmh
SITEMAP_PDP_URL	SITEMAP	Sitemap starting URL for Product Detail Pages	http://www.goldmedalhair.com/gmh
SITEMAP_STATIC_URL	SITEMAP	Sitemap starting URL for Static Pages	http://www.goldmedalhair.com/gmh

- Error Message

  - Error Message: "ERROR: An error occurred while trying to generate the sitemap.xml file" + [OFBiz-Error]

5.4 Consideration for Variants

- Some clients will require a more granular SEO-Friendly solution that considers variants

- The sitemap.xml generation needs to consider this requirement

- The system parameter that controls this is:

Name	Key	Description	Value (example)
SITEMAP_VARIANT_FEATURES	SITEMAP	Defines a list of features that may be used to extend the SITEMAP and SEO-Friendly-URL functions to include variant products. For example: www.client.com/big-product-blue. Leave blank to include to primary (Virtual) products only.	COLOR

6 Robots TXT

6.1 UI Guideline

robots TXT generator

[message-area]

Robots TXT Generator
This function will generate a baseline robots.txt and display the results within this browser. You may then save and deploy the file as appropriate.
Back　　　　**Generate TXT File**

6.2 Processing:

- The robots.txt file informs search engines to ignore certain pages or directories

- This is typically used to ignore image directories and other URL's that will not add any value to the crawling function

- This function effectively creates a baseline robots.txt file that clients can fine tune to suit their needs

- The file consists of 4 basic lines:

  - User-agent: standard first line for the file
  - Disallow filterGroup: this will inform all web crawlers to ignore faceted navigation pathways
  - Disallow /osafe_theme/images: this will inform all web crawlers to ignore the image directories
  - Sitemap: this reinforces the location of the sitemap.xml file. [domain-name] should reflect the production URL

- Example:

```
User-agent: *
Disallow: /*&filterGroup
Disallow: /osafe_theme/images
Sitemap: http://[domain-name]/sitemap.xml
```

7   SEO Friendly URL

7.1   Overview

- The SEO Friendly URL functionality is tied very closely to the sitemap.xml generation function

7.2   UI Guideline

SEO friendly URL refresh

[message-area]

SEO Friendly URL Refresh
This function will refresh the SEO Friendly URL Mapping File (XML)
Back   **SEO Friendly URL Refresh**

7.3   Processing

- Products:
  - o   The Product Catalog should be traversed and all active categories and products identified and added to the SEO Friendly URL mapping file
  - o   Products that are not yet introduced or are discontinued should NOT be included

- Example:

```
<?xml version="1.0" encoding="UTF-8"?>

<file xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">

  <mapping>
    <bigfish_url>eCommerceListPage?category=11098</bigfish_url>
    <friendly_url>Synthetic-Wigs</friendly_url>
  </mapping>

  <mapping>
    <bigfish_url>eCommerceListPage?category=11099</bigfish_url>
    <friendly_url>Herbal-Tame</friendly_url>
  </mapping>

  <mapping>
    <bigfish_url>eCommerceProductPage?category=11098?product=22012</bigfish_url>
    <friendly_url>Synthetic-Wigs/acorn-wig</friendly_url>
  </mapping>

  <mapping>
    <bigfish_url>eCommerceProductPage?category=11098?product=22013</bigfish_url>
    <friendly_url>Herbal-Tame/herbal-tame-14oz</friendly_url>
  </mapping>

</file>
```

- Viewing the updated xml file

    o The generated xml file should be displayed in a new tab in the browser

- System Parameters

Name	Key	Description	Value (example)
SITEMAP_CLP_URL	SITEMAP	Sitemap starting URL for Category List Pages	http://www.clnt.com/CLP
SITEMAP_PLP_URL	SITEMAP	Sitemap starting URL for Product List Pages	http://www.clnt.com/PLP
SITEMAP_PDP_URL	SITEMAP	Sitemap starting URL for Product Detail Pages	http://www.clnt.com/PDP
SITEMAP_STATIC_URL	SITEMAP	Sitemap starting URL for Static Pages	http://www.clnt.com/Content

- Messages:

    o Error Message: "ERROR: An error occurred while trying to generate the SEO.xml file" + [OFBiz-Error]

7.4 Consideration for Variants

- Some clients will require a more granular SEO-Friendly solution that considers variants
- For example

```
www.gmh.com/online/shop/Synthetic-Wigs/acorn-wig
www.gmh.com/online/shop/Synthetic-Wigs/acorn-wig-brown
www.gmh.com/online/shop/Synthetic-Wigs/acorn-wig-black
www.gmh.com/online/shop/Synthetic-Wigs/acorn-wig-blond
```

- Since the implementation may have multiple selectable features a new system parameter will be used to identify which features should be used to generate additional SEO Friendly entries:

Name	Key	Description	Value (example)
SITEMAP_VARIANT_FEATURES	SITEMAP	Defines a list of features that may be used to extend the SITEMAP and SEO-Friendly-URL functions to include variant products. For example: www.client.com/big-product-blue. Leave blank to include to primary (Virtual) products only.	COLOR

8   Clear BigFish Cache

8.1   UI Guideline

clear bigfish cache

[message-area]

Clear BigFish Cache		
Cache Type	**Cache Store**	
Labels and Captions	properties.UtilPropertiesBundleCache	✎
SEO Friendly URLs	properties.UtilPropertiesBundleCache	✎
DIV Sequencing	osafe.ManageXmlUrlCache	✎
Custom Party Attributes	osafe.ManageXmlUrlCache	✎
Page Tagging	entitycache.entity-list.default.XPixelTracking	✎
System Parameters	entitycache.entity.default.XProductStoreParm entitycache.entity-list.default.XProductStoreParm	✎
BigFish Parameters (Recurrence, Email Style, Clickatell etc.)	properties.UtilPropertiesBundleCache	✎
Back		

- The Clear action ✎ will prompt for a confirmation message:

    You are about to clear [cache-type].

    In a PRODUCTION environment, clearing cache can have a serious impact on performance. You should be absolutely sure that the specific cache needs to be cleared.

    Are you sure?

    - The [cache-type] should show the "primary" cache type from the list above. For example "General XML Cache"

- Messages:
    o Error Message: "ERROR: An error occurred while trying to clear the Cache" + [cache-type ". Error is:" [OFBiz-Error]
    o Success Message: "Cache clear of [cache-type] successfully completed"

- Helper Text

    "For additional information on Cache you can use the Webtools / Cache and Debug Tools in OFBiz. WARNING: clearing database entity cache can have a serious impact on the performance of an eCommerce implementation."

- **Technical Notes:**

  - OFBiz Services:
    - FindUtilCacheClear?UTIL_CACHE_NAME=[cache-store]

  - When clearing cache the system can clear a whole cache object (ex. Util.PropertiesBundleCache) or 'remove' a specific file from the cache object (ex. OsafeSeoFriendlyMap)

  - Whenever possible the minimum amount of data should be cleared – so if the request is to clear the "SEO Friendly URL Cache" then we should remove the FILE from within the PropertiesBundleCache

9   SOLR Indexing

9.1   UI Guideline

SOLR indexing

[message-area]

SOLR Indexing
This function will re-index SOLR. It should be executed whenever the Product Catalog is updated so that PLP, PDP and Faceted Navigation is refreshed. All entity and entity-list cache will be cleared upon successful execution of the re-indexing process.
Back   **Re-Index SOLR**

- Re-Index SOLR: this should initiate the SOLR re-indexing service

- OFBiz cache should be cleared after successful execution of the re-indexing

- Messages:
    - Error Message: "ERROR: An error occurred while trying to Re-Index SOLR" + [OFBiz-Error]
    - Success Message: "The Re-Index SOLR job has successfully completed"

10 Entity Sync

- See spec "BF Module Admin Entity Sync.doc"

11 Product Delete Tool

11.1 UI Guideline

product delete tool
[message-area]

Product Delete Tool
This function will remove all Products and related data. Typically used during the development life-cycle so that new Product Loads can refresh the database.
Back　　**Delete Products**

11.2 Processing:

- The "Delete Products" action will prompt for a confirmation message:

  *** WARNING ****

  You are about to delete all Products from the database. This will PERMANENTLY DELETE all Products and related data.

  This includes the complete removal of PRODUCTS, ORDERS, SHIPPING information, INVOICE data, and other associated data.

  IF THIS IS A PRODUCTION INSTANCE YOU SHOULD CANCEL NOW.

  Are you sure?

  o Two buttons should be offered:
    - Yes, Delete Product Data
    - No, Cancel

- Transaction Processing:

  o All database delete actions should be executed within a SINGLE transaction
  o If any errors occur a rollback should be used to restore the data and the error message displayed
    - Errors should include all relevant information so that research can take place to resolve

- Messages

  o Success:

    "SUCCESS: Product Data has been deleted

  o Error Message:

ERROR: An error occurred while trying to delete Product Data

[OFBiz-Error]

[DB-Error]

12 Compare Tool: Labels and Captions

12.1 Introduction

- This tool will compare the local Label file with a file identified by the user

- It will be a valuable guide to check if all Labels are included in the locally deployed environment. Similarly, the tool will identify Labels that may no longer be required but still remain in the local environment.

12.2 UI Guideline

compare tool: labels and captions
[message-area]

Compare Tool: Labels and Captions

This tool will compare the Label / Captions file installed on this server (the "A" version) with another insta (the "B" version). Access to the "B" version is required.

Your File [A]:   osafe_admin/dir/labelUI.xml

Compare To File [B]:   some-directory/labelUI.xml   Browse

Back   Compare Labels

- Browse button: offers a standard dialog to find an accessible file, extension should be set to ".xml"

- Validation:

  - o Check that the Your-Label-File exists
    - Error "The Your-Label-File does not exist, please contact your Administrator"

  - o Check that the Compare-To-File exists
    - Error "The Compare-To-File does not exist, please check the file name and try again"

12.3 Compare Function:

- Both files should be read, loaded into memory and sorted by "Key"

- The function will detect items where:
  - o The Key in the Your-Label-File is NOT in the Compare-To-File

- Pseudo Code:

      i = 0
      j = 0

```
do until DONE

        If i > no_of_rows_in_YourLabelFile
                AKey = "ZZZZZZ"
        Else
                AKey = yourLabelFile.Key (i)

        If j > no_of_rows_in_compareToFile
                BKey = "ZZZZZZ"
        Else
                BKey = compareToFile.Key (j)

        If AKey = "ZZZZZZ"
        And BKey = "ZZZZZZ"
                DONE
                Return

        If AKey < BKey
                KEY is in A, but not on B
                i++
                Return

        If AKey > BKey
                KEY is in B, but not on A
                j++
                Return

        KEY exists in both A and B

        i++
        j++

    loop
```

12.4 <u>Compare Results</u>

- These displays follow-on from the same page

Label and Captions Comparison
Show: ☑ Keys that exist on [A] but do NOT exist on [B]
☑ Keys that exist on [B] but do NOT exist on [A]
☐ Keys that exist on BOTH Files **Refresh**

- Where:

  ○ [A] identifies the currently implemented version
    - Example: "Your-File-A [OsafeUiLabels.xml]"

  ○ [B] is the "compare to version" of the file

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- Example: "Compare-to-File-B [Master_Label_File.xml]"

  o These rules should be applied on both the component above, the Result screen and the tooltip comparison popup

Results		
Key	**Compare Results**	☐
ContactUsTitle	▦ Key is on [A] but not on [B]	
PageH1Text	▦ Key is on [B] but not on [A]	✚ ☐
ErrorMessage	▦ Key exists on BOTH files	
AnotherLabel	▦ Key exists on BOTH files	⟳ ☒

Back　　**Action All**

- "Refresh" will re-evaluate the results and display based on the check-box selections

- Hover over:

  o ▦ is displayed when "Key exists on BOTH files" but the values do not match
  o 　is displayed for all other conditions

  o Hover over will display the following:

[A]	
Key:	ContactUsTitle
Category:	TITLE
Value:	Contact Us
[B]	
Key:	Not Present
Category:	
Value:	

- ☐ (in the header)
  o Will select all checkboxes in the display
  o This behaves as a "toggle"

-
  o Is displayed for the condition "Key exists on BOTH files" but the values do not match
  o Tooltip will display "Synchronize Key [key] and set value to [Value]"
  o Clicking on this action icon will pass control to the "Label Detail" page in "Edit" mode, passing the new Value (and pre-populating the Value on the Label Detail page)
  o If the user clicks on "Save" on the Label-Detail-Page then control is passed back to this screen

- ✚
  o Is displayed for any "on [B] not on [A]" condition
  o Tooltip will display "Add Key [keyname] to [A]"
  o Clicking on this action icon will pass control to the "Labels and Captions Detail" page in "Add" mode, passing all appropriate entries and pre-populating the Label Detail page
  o If the user clicks on "Save" on the Label-Detail-Page then control is passed back to this screen

- **"Action All"**
  - Will take the appropriate action (add new label or modify label value) for all items where the checkbox is clicked
  - Page is refreshed after the information is updated
  - Display appropriate success or failure message upon completion

13 Compare Tool: DIV Sequences

13.1 Introduction

- This tool will compare the local DIV-Sequence XML file with a file identified by the user OR compare the DIV-Sequence files between 2 stores in the same implementation

- It will be a valuable guide to check if all DIV-Sequences are included in the locally deployed environment. Similarly, the tool will identify DIV-Sequences that may no longer be required but still remain in the local environment.

13.2 UI Guideline

compare tool: DIV-Sequence

[message-area]

<div>

Compare Tool: DIV-Sequence

This tool will compare the DIV-Sequence file installed on this server (the "A" version) with another instance (the "B" version). Access to the "B" version is required.

Your File [A]:   osafe_admin/dir/DivSequence.xml

Compare To File [B]:   some-directory/DIVSequence.xml   Browse

Back   Compare DIV-Sequence

</div>

- Browse button: offers a standard dialog to find an accessible file, extension should be set to ".xml"

- Validation:

   o Check that the Your-DIV-Sequence-File exists
     - Error "The Your- DIV-Sequence-File does not exist, please contact your Administrator"
   o Check that the Compare-To-File exists
     - Error "The Compare-To-File does not exist, please check the file name and try again"

13.3 Compare Function:

- Both files should be read, loaded into memory and sorted by the "Screen" and "Key" values
- Compare logic is very similar to that described in the Labels and Captions Compare Tool
- *NOTE: a unique "key" is the combination of the "Screen" and "Key" tag; key values may be duplicated for multiple screens*

13.4 Compare Results

- These displays follow-on from the same page

DIV-Sequence Comparison	
Show: ☑ Keys that exist on [A] but do NOT exist on [B]	
☑ Keys that exist on [B] but do NOT exist on [A]	
☐ Keys that exist on BOTH Files	**Refresh**

- Where:

  - [A] identifies the currently implemented version
    - Example: "Your-File-A [OsafeDIVSeq.xml]

  - [B] is the "compare to version" of the file
    - Example: "Compare-to-File-B [FH_DIV_Seq_File.xml]

  - These rules should be applied on both the component above, the Result screen and the tooltip comparison popup

Results					
Screen	**Key**		**Compare Results**		☐
PDP	mainImage	▦	Key is on [A] but not on [B]	✚	☐
PDP	productName	▦	Key is on [B] but not on [A]	✚	☒
PDP	onlinePrice	▦	Key exists on BOTH files		
PDP	listPrice	▦	Key exists on BOTH files	♻	☐

Back　　　**Action All**

- "Refresh" will re-evaluate the results and display based on the check-box selections

- Hover over:

  - ▦ is displayed when "Key exists on BOTH files" but the values do not match
  - is displayed for all other conditions

  - Hover over will display the following:

[A]	
Screen:	PDP
Key:	mainImage
Value:	Contact Us
[B]	
Screen:	Not Present
Key:	
Value:	

- ☐ (in the header)
  - Will select all checkboxes in the display
  - This behaves as a "toggle"

-

- o Is displayed for the condition "Key exists on BOTH files" but the values do not match
- o Tooltip will display "Synchronize Key [parm_name] and set value to [Value]"
- o Clicking on this action icon will pass control to the "DIV Sequence Detail" page in "Edit" mode, passing the new Value (and pre-populating the Value on the DIV Sequence Detail page)
- o If the user clicks on "Save" on the DIV-Sequence-Detail-Page then control is passed back to this screen

- ■ ⊕
  - o Is displayed for any "not found" mismatch
  - o Tooltip will display "Add Key [keyname] to Store-x [store-name]"
  - o Clicking on this action icon will pass control to the "DIV-Sequence Detail" page in "Add" mode, passing all appropriate entries and pre-populating the DIV-Sequence Detail page
  - o If the user clicks on "Save" on the DIV-Sequence-Detail-Page then control is passed back to this screen

- ■ "Action All"
  - o Will take the appropriate action (add new label or modify label value) for all items where the checkbox is clicked
  - o Page is refreshed after the information is updated
  - o Display appropriate success or failure message upon completion

14 Compare Tool: System Parameters

14.1 Introduction

■ This tool will compare the local System Parameter database table (PROD_STORE_PARM) with an XML file identified by the user

■ It will be a valuable guide to check if all System Parameters are included in the locally deployed database. Similarly, the tool will identify System-Parameters that may no longer be required but still remain in the local database.

14.2 UI Guidelines

compare tool: system parameters
[message-area]

Compare Tool: System Parameters
This tool will compare the System Parameters database entity (X_PRODUCT_STORE_PARM) on this server (the "A" version) with an XML file version (the "B" version).

Your Database [A]:   [Store Name]

Compare To File [B]: `some-directory/bigFishParameters.xml`   Browse

Back   **Compare System Parameters**

■ Browse button: offers a standard dialog to find an accessible file, extension should be set to ".xml"

■ Validation:

 o Check that the Compare-To-File exists
  ▪ Error "The Compare-To-File does not exist, please check the file name and try again"

14.3 Compare Function:

■ Both files should be read, loaded into memory and sorted by the "Parameter Name"
■ Compare logic is very similar to that described in the Labels and Captions Compare Tool

14.4 Compare Results (Store to Store):

■ These displays follow-on from the same page

System Parameters Comparison
Show: ☑ Parameters that exist on [A] but do NOT exist on [B]

☑ Parameters that exist on [B] but do NOT exist on [A]	
☐ Parameters that exist on BOTH Files	**Refresh**

- Where:

  - [A] identifies the entity X_PRODUCT_STORE_PARM for the "current store"
    - Store Example: "Store-A [Fashion House]"
    - Example: "[Store-Name] (X_PRODUCT_STORE_PARM)"

  - [B] is the "compare to version" of the file
    - Example: "Compare-to-File-B [ES_SysParms.xml]"

  - These rules should be applied on both the component above, the Result screen and the tooltip comparison popup

Results			
Parameter Name		**Compare Results**	☐
FORMAT_ADDRESS	🔲	Parameter is on [A] but not on [B]	
GOOGLE_ANALYTICS_KEY	🔲	Parameter is on [B] but not on [A]	➕ ☐
REVIEW_ACTIVE_FLAG	🔲	Key exists on BOTH [A] and [B]	🔄 ☐
SOME_OTHER_ONE	🔲	Key exists on BOTH [A] and [B]	

Back   **Action All**

- "Refresh" will re-evaluate the results and display based on the check-box selections

- Hover over:

  - 🔲 is displayed when "Key exists on BOTH files" but the values do not match
  - is displayed for all other conditions

  - Hover over will display the following:

[A]	
Parameter Name:	Not Present
Category:	
Value:	
[B]	
Key:	REVIEW_ACTIVE_FLAG
Category:	REVIEW
Value:	FALSE

- ☐ (in the header)
  - Will select all checkboxes in the display
  - This behaves as a "toggle"

-
  - Is displayed for the condition "Key exists on BOTH files" but the values do not match
  - Tooltip will display "Synchronize Key [key] and set value to [Value]"

- o Clicking on this action icon will pass control to the "System Parameter Detail" page in "Edit" mode, passing the new Value (and pre-populating the Value on the System Parameter Detail page)
- o If the user clicks on "Save" on the System-Parameter-Detail-Page then control is passed back to this screen

- ▪
  - o Is only displayed for any "not found" mismatch (key is on the compare asset but NOT on the current implementation
  - o Tooltip will display "Add Key [parm_name] to Store-x [store-name]"
  - o Clicking on this action icon will pass control to the "System Parameter Detail" page in "Add" mode, passing all appropriate entries and pre-populating the System Parameter Detail page
  - o If the user clicks on "Save" on the System-Parameter-Detail-Page then control is passed back to this screen

- ▪ "Action All"
  - o Will take the appropriate action (add new label or modify label value) for all items where the checkbox is clicked
  - o Page is refreshed after the information is updated
  - o Display appropriate success or failure message upon completion

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15 Manage Custom Party Attributes

15.1 Introduction

- The Custom Party Attribute feature allows an implementation to specify additional attributes to be collected at Customer Registration
  - For more information see "BF Customer Account management.doc"

- The Manage Custom Party Attributes function will allow the client business expert the ability to control which custom attributes are included in the Registration process

15.2 List Custom Attributes

manage custom party attributes

[message-area]

Manage Custom Party Attributes				
Attr Name	**Seq#**	**Caption**	**Type**	**Req?**
RING_SIZE	10	Ring Size:	RADIO_BUTTON	Y
SHOE_SIZE	20	Shoe Size:	DROP_DOWN	Y
WEDDING_DATE	30	Wedding Date:	ENTRY	N
Back	Save	Add		◈

- Save:
  - Re-sequence (Seq#) in multiples of 10
  - Update the XML file
  - Display message "Custom Party Attribute Update Successful. You will need to reset cache in Admin/Tools for your changes to take effect."
  - Remain on this screen

- Helper Text
  - Seq#: "Set to 0 (zero) if not required or hidden"

- Warning Text
  - "You will need to reset cache in Admin/Tools for your changes to take effect"

15.3 Detail Screen

custom party attribute detail

Custom Party Attribute: RING_SIZE	
Attr Name:	RING_SIZE
Seq#:	

Caption:	Ring Size:
Type:	RADIO_BUTTON
Entry Format:	Drop-down
Max Length:	
Value List:	
Required?	● Yes O No
Required Message:	You must select a Ring Size from the drop down values available

Back   **Save**

- Type:
  - drop-down with the following values:
    - ENTRY (single line edit field)
    - ENTRY_BOX (multi line box edit field)
    - RADIO_BUTTON
    - CHECKBOX
    - DROP_DOWN (single select)
    - DROP_DOWN_MULTI
    - DATE_MMDD
    - DATE_MMDDYYYY
    - DATE_DDMM
    - DATE_DDMMYYYY

- Entry Format
  - is only valid if the Type is ENTRY
  - drop-down with the following values:
    - ANY
    - NUMERIC
    - ALPHA_NUMERIC
    - MONEY

- Max Length
  - Is only applicable if Type is ENTRY or ENTRY_BOX

- Value List
  - Is only applicable if Type is RADIO_BUTTON, CHECKBOX, DROP_DOWN or DROP_DOWN_MULTI

- Required Message
  - Is only applicable if Required is Yes

- Validation

Attr Name	Required.
	Error message: "The Attr Name is a required field"
	Follows the same validation as a standard "ID" field, see spec "*BF Admin Module General.doc*" for details.
	Error Message: "The attribute name cannot contain spaces and must be alpha characters, numbers, hyphens or underscores only"
Seq#	Required, must be between 0 and 1000
	Error message: "Seq# is a required field and must be a numeric value between 0 and 1000"
Caption	Required.
	Error message: "The Caption is a required field"
Max Length	Required. Must be numeric greater than 0
	Error message: "Max Length is a required field and must be a number greater than 0"
Value List	Required
	Error message: "The value list must contain at least one option"
Required Message	Required
	Error message: "The Required Message is a required field"

- Save:
  - Re-sequence (Seq#) in multiples of 10
  - Update the XML file
  - Display message "Custom Party Attribute Update Successful. You will need to reset cache in Admin/Tools for your changes to take effect."
  - Return to the List screen

- Helper Text
  - Seq#: "Set to 0 (zero) if not required or hidden"
  - Value List: "Enter a comma separated list of allowable values"

- Warning Text
  - "You will need to reset cache in Admin/Tools for your changes to take effect"

16 Manage DIV Sequencing

- See spec "*BF Admin Module DIV Sequencer.doc*"

17.1 <u>UI Guideline</u>

catalog asset checker

[message-area]

Catalog Asset Checker
This function will read the entire catalog structure – all active categories and products.
For each, a further check will be made to see which catalog items have URL references to server based asset (images, 360-views and videos).
For any references found, the function will further verify if the asset is actually available based on the URL reference.
All missing assets will be displayed.
Back   **Run Catalog Asset Checker**

17.2 <u>Processing</u>

- High level processing:

    o NOTE: all the content ID's used are defined in the spec "*BF Product Processing.doc*" in the "Product Images" section

    o Walk thru all *active* Categories

    o For each category

    - Check for all image content/resource references in the database
    - If there is a reference, check for the existence of the asset
    - If the asset does NOT exist then store for subsequent display in the "results" component

    o Walk thru all related *active* Products

    o For each Product

    - Check for all image content/resource references in the database

    - If there is a reference
        - check for the existence of the asset
        - if the asset does NOT exist then store for subsequent display in the "results" component

    - If there is a NULL or "" reference

- Store for subsequent display in the "results" component
- Column "Asset URL Reference" will display "*** BLANK OR NULL ***"

- Active Categories and Products are defined by the FROM and THRU date

- If ALL asset references are verified then complete with a success message:
  - "All associated assets have been verified"

- If one or more assets are not found then display a results box as follows:

Catalog Entries With NO Associated Asset				
Type	**ID**	**Description**	**Asset Type**	**Asset URL Reference**
Category	100002	Apparel	THUMBNAIL_IMAGE_URL	http://somedomain/apparel_image.jpg
Product, Virtual	100899	3-4 Blouse	DETAIL_IMAGE_URL	*** BLANK OR NULL ***
Product, Variant	100899-2	3-4 Blouse	VIDEO_URL	http://root/small/360degree/34blouse

18 System Configuration Files

18.1 <u>Technical Note</u>

- Multi-Store Consideration:

  - For "Multi Store" implementations, the display of the BF System Configuration files needs to consider the "active store"

- Maintainability
  - It is preferable that the list of available files to view are maintained in an external resource. If new files are added to this list it becomes a simple modification

18.2 <u>Available Files</u>

File	Description
client-deployment.properties	BigFish consolidated Property file used to update many of the OFBiz files.
entityengine.xml	OFBiz file, framework/entity/config/entityengine.xml. Defines database connectivity parameters. Updated from client-deployment.properties.
general.properties	OFBiz file, framework/common/config/general.properties. Defines general parameters such as default email settings and currency. Updated from client-deployment.properties.
widget.properties	OFBiz file, framework/widget/config/widget.properties. To ease development (Out Of The Box, OFBiz is configured in development mode) the compressHTML properties in general.properties if OFF. If you prefer to strip unnecessary whitespace from HTML output you can set it on ON (uncomment the line "#compress.HTML=true"). Note that, it is NOT the same thing as gzipped HTTP 1.1 compression. Updated from client-deployment.properties.
security.properties	OFBiz file, framework/security/config/security.properties. Defines username case and encryption. There are various settings you might want to configure in this file, but for most production use it can remain unchanged. Updated from client-deployment.properties.
serverstats.properties	OFBiz file, framework/webapp/config/serverstats.properties.
cache.properties	OFBiz file, framework/base/config/cache.properties. This file is configured to be development friendly to reload resources frequently. For production use the expire times for the caches in the last section of the file should all be commented out by putting a pound sign "#" at the beginning of each line. The properties in question start with "minilang.", "script.", "webapp.", "widget." And "template.".
debug.properties	OFBiz file, framework/base/config/debug.properties. This file is used to enable/disable different logging levels and used to configure Log4J logging level and output settings. For most production use it can stay as-is. Disabling the "info" and "timing" level properties can save some resources on the server, but we recommend leaving all of the others enabled. To do this just change the values of the "print.info" and "print.timing" properties to anything except "true".
ofbiz-containers.xml	OFBiz file, framework/base/config/ofbiz-containers.xml. Defines various port settings for http etc. Updated from client-deployment.properties.
url.properties	OFBiz file, framework/webapp/config/url.properties. These properties are used to configure the settings to send to the client browser. The port and host settings may be different than the port and host settings of the local machine if it is running through Apache through AJP, through any proxy, or through a load balancer of any sort. The settings in this file should be set to what the client browser will see when communicating with your

	system. Updated from client-deployment.properties.
web.xml	OFBiz file, osafe/webapp/osafe/WEB-INF/web.xml. Defines high-level Store settings. Updated from client-deployment.properties.
serviceengine.xml	OFBiz file, framework/service/config/serviceengine.xml. Most of the settings in this file can remain unchanged for production deployments, but there are some default server locations that refer to port 1099 (JRMP, for RMI) and 8080 (HTTP). These are in the "service-location" tags in the file.
shipment.properties	OFBiz file, applications/product/config/shipment.properties
prodsearch.properties	OFBiz file, applications/product/config/prodsearch.properties
startofbiz.bat	OFBiz file, Ofbiz/startofbiz.bat
startofbiz.sh	OFBiz file, Ofbiz/startofbiz.sh

18.3 List Screen

system configuration files

System Configuration	
File	**Description**
client-deployment.property	BigFish consolidated Property file used to update many of the OFBiz files.
entityengine.xml	OFBiz file, framework/entity/config/entityengine.xml. Defines database connectivity parameters. Updated from client-deployment.properties.
ETC	Another file

Back

- Sort by file name

18.4 Detail Screen

system configuration files

client-deployment.property
| ```
##########################
# Database Properties
##########################
main.datasource.name=localmysql
database.name=ofbiz_gmh
jdbc.username=ofbiz
jdbc.password=ofbiz

##########################
# Windows Service Properties
##########################
``` |

```
service.name=OfBiz GMH

###################################
# General Properties for Email Settings
###################################
defaultFromEmailAddress=customerService@goldMedalHair.com
mail.notifications.enabled=Y
mail.smtp.relay.host=mail.salmonllc.com
mail.smtp.auth.user=
mail.smtp.auth.password=
mail.notifications.redirectTo=customerService@goldMedalHair.com

currency.uom.id.default=USD

ETC …
```

Back

- Read only
- Scroll bar so that contents can be viewed

19 Email Test

19.1 Processing Overview

■ The Email Test function, when accessed via the Admin/Tools section, is a simple test of emails to ensure that the SMTP server is operational

■ The Email Test function can also be accessed via the Email-Templates function
  o see spec "*BF Admin Module Manage Email.doc*" for more information
  o if accessed via the Email-Templates screen then:
    ▪ Set the Test Mode to "Email Template"
    ▪ Set the Email Template to the appropriate value

19.2 UI Guideline

email test

[message area]

Email Test	
Test Mode:	O Simple Test ● Email Template
Email Template:	E_ORDER_CHANGE [drop-down]
Customer#:	[ ] 🔍
Order#:	[ ]
From:	online-sales@client.com
To:	[ ]
Subject:	CLIENT DEV: Email Test
Text:	This is a test email

| **Back** | **Send Test Email** |

■ The 🔍 icon will prompt for a Customer using the Generic Customer Picker (see spec "BF Admin Module Customers.doc")

19.3 General Processing

■ Simple Test vs Email Template

Attribute	Simple Test	Email Template
Email Template	Hide	Show, offer all available Email Templates
Customer#	Hide	Show, see rules below
Order#	Hide	Show, see rules below
From	Show, see defaults	Show, see defaults
To	Show, see defaults	Show, see defaults
Subject	Show, see defaults	Show, see defaults
Text	Show	Hide

- Defaults:
  - Applies for Simple-Text and Email-Template
    - From: Retrieve from system parameter EMAIL_CLNT_REPLY_TO
    - To: Leave blank for client entry
    - Subject: Derive as system parameter EMAIL_CLNT_NAME + ": Email Test"
    - Text: "This is a test email" (if shown)

19.4 Email Template Processing

- Prompt for Customer or Order:

Template	Customer#	Order#
E_ABANDON_CART	Hide	Show
E_CHANGE_CUSTOMER	Show	Hide
E_CONTACT_US	Hide	Hide
E_FORGOT_PASSWORD	Show	Hide
E_MAILING_LIST	Hide	Hide
E_NEW_CUSTOMER	Show	Hide
E_ORDER_CHANGE	Hide	Show
E_ORDER_CONFIRM	Hide	Show
E_ORDER_DETAIL	Hide	Show
E_REQUEST_CATALOG	Hide	Hide
E_SCHED_JOB_ALERT	Hide	Hide
E_SHIP_REVIEW	Hide	Show

- Processing Rules:

Email Template	Processing Rules
E_ABANDON_CART	Use entered Order# to build up the content of the email
E_CHANGE_CUSTOMER	Use entered Customer#, send email
E_CONTACT_US	Send email without the normal parameters that would be completed on the Contact Us Form
E_FORGOT_PASSWORD	Send email, without resetting the password or exposing the actual password in the content of the email
E_MAILING_LIST	Send email without the normal parameters that would be completed on the Mailing List Form
E_NEW_CUSTOMER	Use entered Customer#, send email
E_ORDER_CHANGE	Use entered Order#, send email
E_ORDER_CONFIRM	Use entered Order#, send email
E_ORDER_DETAIL	Use entered Order#, send email

E_REQUEST_CATALOG	Send email without the normal parameters that would be completed on the Request Catalog Form
E_SCHED_JOB_ALERT	TBD
E_SHIP_REVIEW	Use entered Order#, send email

- ■ Validation

  - ○ Customer#, if prompted
    - ▪ Must be a valid Customer# entered
    - ▪ Error "The Customer# [CUSTOMER_NO] cannot be found in the database. Please retry."

  - ○ Order#, if prompted
    - ▪ Must be a valid Order# entered
    - ▪ Error "The Order# [ORDER_NO] cannot be found in the database. Please retry."

19.5 Sending the Email

- ■ Simple Test:
  - ○ The primary purpose is to test the capability of the SMTP Server installed
  - ○ Therefore, all processing must bypass the standard template / merging processing and simply send the email using the standard OFBiz send email process

- ■ Email Template:
  - ○ Template processing must take place in order to pre-fill customer and order information as appropriate

19.6 Simple Text: Messages

- ■ If the Email send is successful:

  - ○ Check the client-deployment.properties file:

    - ▪ If the mail.notifications.enabled = "N" then display:

      > ☑ The Email was sent successfully. HOWEVER, the mail.notifications.enabled is set to 'N' in the client.properties file so the email content was stored as a COMMUNICATION_EVENT in the database and no real email was delivered.

    - ▪ If the mail.notifications.enabled = "Y" and mail.notifications.redirectTo has an email entry, then display

      > ☑ The Email was sent successfully. HOWEVER, the mail.notifications.redirectTo is set to [email-address] so all emails will be sent here. Check the client-deployment.properties file. Specific email properties are listed in the 'General Properties' section. For more information check the Help function "How To Set Up BigFish Emails".

- If the mail.notifications.enabled = "Y" and mail.notifications.redirectTo has no entry, then display

> ☑ The Email was sent successfully. If for some reason it was not delivered, check the client-deployment.properties file. Specific email properties are listed in the 'General Properties' section. It is possible that these are not configured correctly. For more information check the Help function "How To Set Up BigFish Emails".

- If the Email function returns an error:

> ☒ An error occurred attempting to send an email. Error is [technical error text].
>
> Check the client.properties file. Specific email properties are listed in the 'General Properties' section. It is possible that these are not configured correctly. For more information check the Help function "How To Set Up BigFish Emails".

19.7 Email Template: Messages

- If the Email send is successful:

> ☑ The Email was sent successfully using the Email Template [EMAIL_TEMPLATE].

- If the Email function returns an error:

> ☒ An error occurred attempting to send an email. Error is [technical error text].

20 Text Message Test

20.1 Processing Overview

- The Text Message Test function, when accessed via the Admin/Tools section, is a simple test to ensure that the current configuration can send a text message to a device

- The Text Message Test function can also be accessed via the Text-Templates function
  - see spec "*BF Admin Module Manage Email.doc*" for more information
  - if accessed via the Text-Templates screen then:
    - Set the Test Mode to "Text Message Template"
    - Set the Text Template to the appropriate value

20.2 UI Guideline

text message test

[message area]

Text Message Test	
Test Mode:	O Simple Test ● Text Message Template
Text Template:	TXT_ORDER_CONFIRM (drop-down)
Customer#:	
Order#:	
To Cell:	
Text:	This is a test

Back   **Send Text Message**

20.3 General Processing

- Simple Test vs Text Template

Attribute	Simple Test	Text Template
Text Template	Hide	Show, offer all available Text Templates
Customer#	Hide	Show, see rules below
Order#	Hide	Show, see rules below
To	Show, see defaults	Show, see defaults
Text	Show	Hide

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- Defaults:
  - Applies for Simple-Text and Text-Template
    - To: Leave blank for client entry
    - Text: "This is a test message" (if shown)

20.4 Text Template Processing

- Prompt for Customer or Order:

Template	Customer#	Order#
TXT_ABANDON_CART	Hide (derive)	Show
TXT_NEW_CUSTOMER	Show	Hide
TXT_ORDER_CHANGE	Hide	Show
TXT_ORDER_CONFIRM	Hide	Show
TXT_FORGOT_PASSWORD	Show	Hide
TXT_SHIP_REVIEW	Hide	Show
TXT_CHANGE_CUSTOMER	Show	Hide

- Processing Rules:

Text Template	Processing Rules
TXT_ABANDON_CART	Use entered Order# to build up the content of the text
TXT_NEW_CUSTOMER	Use entered Customer#, send text
TXT_ORDER_CHANGE	Use entered Order#, send text
TXT_ORDER_CONFIRM	Use entered Order#, send text
TXT_FORGOT_PASSWORD	Send text, without resetting the password or exposing the actual password in the content of the text
TXT_SHIP_REVIEW	Use entered Order#, send text
TXT_CHANGE_CUSTOMER	Use entered Customer#, send text

- Validation

  - Customer#, if prompted
    - Must be a valid Customer# entered
    - Error "The Customer# [CUSTOMER_NO] cannot be found in the database. Please retry."

  - Order#, if prompted
    - Must be a valid Order# entered
    - Error "The Order# [ORDER_NO] cannot be found in the database. Please retry."

20.5 Sending the Text

- Simple Test:
  - The primary purpose is to test the capability of the configured service
  - Therefore, all processing must bypass the standard template / merging processing and simply send the text message

- **Text Template:**
  - o Template processing must take place in order to pre-fill customer and order information as appropriate

20.6 <u>Messages</u>

- If parameter TXT_MESSAGE_METHOD is set to "NONE"

> ❌ This implementation is not setup to send text messages. Please review parameter TEXT_MESSAGE_METHOD.

- Success:

> ☑ The Text Message was sent successfully. HOWEVER, to fully confirm receipt it is recommended that you verify with the actual receiving device.

- Error:

> ❌ An error occurred attempting to send an Text. Error is [technical error text].

20.7 <u>Technical Note</u>

- Need further research what happens when sending a 'from' cell address to the SMS Gateway when the cell is different than the cell on the account.
- Most Gateways will not allow this.
- However, it would be the client's responsibility to set this up correctly using the TXT_CLNT_REPLY_TO parameter

21 BigFish XML Exporter

21.1 UI Guideline

bigfish XML exporter

[message-area]

Bigfish XML Exporter	
Entities to Export:	☑ All ☑ Content Library ☑ Site Info ☑ Home Page ☑ Static Pages ☑ Page Content Spots ☑ General PDP Spots ☑ Product Category Content ☑ Promotions ☑ Email Templates ☑ Text Message Templates ☑ Page Tagging ☑ Payment Gateway Settings ☑ Shipping Charges ☑ Sales Taxes ☑ Stores
Back **Export**	Import th

21.2 Processing

- Pre-Processing
    - o All checkboxes are checked

- General Processing
    - o Export appropriate entity information into the file identified
    - o For more information, see the Technical Notes below

- Helper Text
    - o Import this data: The XML file will be available for you to save on a local directory. Using this XML file, the details can be IMPORTED into a another instance using the Webtools feature within OFBiz. More information is available in the Online Help.

21.3 Messages

- Errors:

    ☒ An error occurred attempting to create the XML export file. Error is [technical error text].

- Successful export:

> ☑ The Bigfish XML Export was successful. File [dir+file] contains the information you requested.
>
> To import: use this XML file and IMPORT into another instance using the Webtools feature within OFBiz. More information is available in the Online Help.

- o It is understood that when automatically using the standard Browser dialog box to "View or Save File" that control is not always retained. In which case, a success message cannot be displayed.

21.4 <u>Tech Notes</u>

- Export type mapping to OFBiz entities:

Export Type	Content Type
Content Library	See "Content Mapping" below
Site Info	See "Content Mapping" below
Home Page	See "Content Mapping" below
Static Pages	See "Content Mapping" below
Page Content Spots	See "Content Mapping" below
General PDP Spots	See "Content Mapping" below
Product Category Content	See "Content Mapping" below
Product Category Content	See "Promotion Mapping" below
Email Templates	See "Content Mapping" below
Text Message Templates	See "Content Mapping" below
Text Message Templates	See "Content Mapping" below
Page Tagging	See "Page Tagging" below
Shipping Charges	See "Shipping Charges Mapping" below
Sales taxes	See "Sales Taxes Mapping" below

- Content Mapping:

  - o Exports will require the following OFBiz Entities with a specific "CONTENT_TYPE"

    - X_CONTENT_XREF
    - CONTENT
    - CONTENT_TYPE
    - DATA_RESOURCE
    - ELECTRONICTEXT

  - o Mapping to "Content Type"

Export Type	Content Type
Content Library	BF_CONTENT_LIBRARY
Site Info	SITE_INFO
Home Page	BF_HOME_PAGE
Static Pages	BF_STATIC_PAGE

NOTES: |

	Static Pages may have additional content for "HTML Meta Tags" and "SEO Friendly URLs" which should also be exported
Page Content Spots	PAGE_TOP_SPOT
General PDP Spots	PDP_SPOT
Product Category Content	PLP_ESPOT_MEGA_MENU PLP_ESPOT_PAGE_TOP PLP_ESPOT_PAGE_END PLP_ESPOT_FACET_TOP PLP_ESPOT_FACET_END PDP_ADDITIONAL This will need to also extract from the PRODUCT_CATEGORY_CONTENT entity
Email Templates	BF_EMAIL_TEMPLATE
Text Message Templates	BF_TEXT_TEMPLATE

- o Row Counts in success message:
  - ▪ Should reflect the number of complete Content records exported, where: Content, Data Resource, Electronic Text = 1 Content record

- o Service Logic
  - ▪ This service will select from the X_CONTENT_XREF entity by the current product store and BF_CONTENT_TYPE_ID parameter☐
  - ▪ An XML record is written to a file for each related Ofbiz Content, Data Resource and Electronic Text found in the Content Xref

- ■ Promotion Mapping

Entities
PRODUCT_PROMO
PRODUCT_PROMO_CODE
PRODUCT_PROMO_CATEGORY
PRODUCT_PROMO_PRODUCT
PRODUCT_PROMO_COND
PRODUCT_PROMO_ACTION
PRODUCT_PROMO_RULE
PRODUCT_STORE_PROMO_APPL

- o Row Counts in success message:
  - ▪ Should reflect the number of PRODUCT_PROMO_CODE rows exported from the entity

- ■ Page Tagging Mapping

Entities
XPIXEL_TRACKING

- o Row Counts in success message:
  - ▪ Should reflect the number of rows exported from the entity

■ Payment Gateway Mapping:

Entities
PAYMENT_GATEWAY_CONFIG
PAYMENT_GATEWAY_AUTHORIZE_NET
PAYMENT_GATEWAY_CLEAR_COMMERCE
PAYMENT_GATEWAY_CYBER_SOURCE
PAYMENT_GATEWAY_EBS
PAYMENT_GATEWAY_ORBITAL
PAYMENT_GATEWAY_PAY_NETZ
PAYMENT_GATEWAY_PAY_PAL
PAYMENT_GATEWAY_PAY_FLOW_PRO
PAYMENT_GATEWAY_SAGE_PAY
PAYMENT_GATEWAY_SAGE_PAY_TOKEN
PAYMENT_GATEWAY_TENDER_CARD
PAYMENT_GATEWAY_WORLD_PAY
PRODUCT_STORE_PAYMENT_SETTING

o Row Counts in success message:
  ▪ Should reflect the number of complete Product Store Payment Setting records exported,

o Service Logic
  ▪ This service will select from
  ▪ PAYMENT_GATEWAY_CONFIG
  ▪ PRODUCT_STORE_PAYMENT_SETTING='@PRODUCT_STORE_ID'

■ Shipping Charge Mapping:

o Exports will require the following OFBiz Entities

Entities
PRODUCT_STORE_SHIPMENT_METH
SHIPMENT_COST_ESTIMATE
PARTY
PARTY_GROUP
PARTY_ROLE
SHIPMENT_METHOD_TYPE
CARRIER_SHIPMENT_METHOD
SHIPMENT_GATEWAY_CONFIG
SHIPMENT_GATEWAY_BLUE_DART
SHIPMENT_GATEWAY_DHL
SHIPMENT_GATEWAY_FEDEX
SHIPMENT_GATEWAY_UPS
SHIPMENT_GATEWAY_USPS
CUSTOM_METHOD

o Row Counts in success message:
  ▪ Should reflect the number of complete Product Store Shipment Method (Ship Charges) records exported

- o Service Logic
  - ▪ This service will select from
  - ▪ PARTY_ROLE where ROLE_TYPE='CARRIER'
  - ▪ Related
    - ▪ PARTY
    - ▪ PARTY_GROUP
    - ▪ PARTY_ROLE
  - ▪ SHIPMENT_METHOD_TYPE
  - ▪ CARRIER_SHIPMENT_METHOD
  - ▪ PRODUCT_STORE_SHIPMENT_METH = '@PRODUCT_STORE_ID'
  - ▪ Related
    - ▪ SHIPMENT_GATEWAY_CONFIG
    - ▪ CUSTOM_METHOD
    - ▪ PARTY
  - ▪ SHIPMENT_COST_ESTIMATE = '@PRODUCT_STORE_ID'

- ■ Sales Tax Mapping:

  - o Exports will require the following OFBiz Entities

Entities
TAX_AUTHORY_RATE_PRODUCT
TAX_AUTHORITY
TAX_AUTHORITY_ASSOC
PARTY
PARTY_GROUP
PARTY_ROLE
CONTACT_MECH
POSTAL_ADDRESS
PARTY_CONTACT_MECH
PARTY_CONTACT_MECH_PURPOSE

  - o Row Counts in success message:
    - ▪ Should reflect the number of complete Tax Authority Rate Product records exported

  - o Service Logic
    - ▪ This service will select from
    - ▪ PARTY_ROLE where ROLE_TYPE='TAX_AUTHORITY'
    - o Related
      - ▪ PARTY
      - ▪ PARTY_GROUP
      - ▪ PARTY_ROLE
      - ▪ CONTACT_MECH
      - ▪ POSTAL_ADDRESS (PAYMENT_LOCATION & BILLING_LOCATION)
      - ▪ PARTY_CONTACT_MECH
      - ▪ PARTY_CONTACT_MECH_PURPOSE
    - ▪ TAX_AUTHORITY
    - ▪ TAX_AUTHORY_ASSOC
    - ▪ TAX_AUTHORITY_RATE_PRODUCT='@PRODUCT_STORE_ID'

■ Stores

    ○ Exports will require the following OFBiz Entities

Entities
PARTY
PARTY_GROUP
PARTY_ROLE
PRODUCT_STORE_ROLE
CONTACT_MECH
POSTAL_ADDRESS
TELECOM_NUMBER
PARTY_CONTACT_MECH
PARTY_CONTACT_MECH_PURPOSE
DATA_RESOURCE
ELECTRONIC_TEXT
CONTENT
PARTY_CONTENT
GEO_POINT
PARTY_GEO_POINT

    ○ Where PARTY_ROLE.ROLE_TYPE_ID = "STORE_LOCATION"

    ○ Row Counts in success message:
        ■ Should reflect the number of PARTY rows exported from the entity

22 System Health Check

See spec "*BF-Admin-Module System Health Check.doc*"