bigfish

BF Country Considerations.doc

Last Updated: 2-Aug-2013

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1 Modification History

Date	Who	Comments
15-Sep-11	Solveda	Initial
30-Sep-11	Solveda	Added "Generic" format, added "required" rules for consistency
7-Oct-11	Solveda	Split into a phased approach. Initial implementation will focus on a US+Canada vs Everywhere Else. A future phase will add the sophistication for country specific rules. Added examples.
11-Oct-11	Solveda	Modified to reflect Country GEO-Code. Added "ALL" as an option to include all available countries in the drop-down.
11-Jan-12	Solveda	Modified COUNTRY_MULTI system parameter to reflect values of TRUE/FALSE (previously Y/N)
2-Aug-13	Solveda	Remove hide/show from this spec and delegate to DIV-Sequencing strategy (specifically Address-3)

2 Introduction

- This document will describe the multi-location capability of the BigFish platform

- Initially, this will include the ability for eCommerce customers to register using a foreign address, maintain their address book using a number of countries

- A change of country will impact the format of the address and telephone number

3 Processing Rules

- Whenever an eCommerce is prompted for an address, the ability to offer multiple countries is a requirement of the BigFish platform

- This option is to be parameterized, examples:

    - If a client can only ship within the United-States then an eCommerce customer will NOT be prompted for a country. The default will be set to the United States

    - If a client can ship to the United States and Canada, then only those two countries will be offered in the drop-down

    - If a client can ship worldwide, then all available countries will be offered

- Country processing is independent of currency requirements

    - It should NOT be assumed that just because a retailer can ship to both the United States and the United Kingdom that currency will change

    - It is more typical that a retailer will require payment in local currency

    - Currency is a separate issue.

- Selection of a country from a drop-down will modify the way that the form / display operates in regard to address and telephone number formatting.

    - It will NOT impact hide/show of specific attributes, this is a function of the DIV-Sequencing strategy

4 Key Parameters

4.1 <u>Definition</u>

- Entity X_PRODUCT_STORE_PARM will manage whether the client implementation will support a "country" option; which country is deemed the default and which countries will be offered.

- Parameters are:

  - COUNTRY_MULTI
    - A value of "TRUE" means that the client implementation offers a multi-country capability
    - A value of NOT "TRUE" will mean that the client implementation is restricted to a single country. The "country" drop-down will NOT be displayed.

  - COUNTRY_DEFAULT
    - If the client implementation supports multi-country, this will indicate which country should be pre-selected in the country drop-down
    - If the client implementation does NOT support multi-country, this will indicate the default country format to be used

  - COUNTRY_DROPDOWN
    - For a multi-country client implementation this will identify all the countries that should be supported
    - The list is a comma separated GEO-CODE country values
    - A value of "ALL" will offer all available countries in the drop-down

4.2 <u>Examples</u>

Client ABC: can ship to the the United States ONLY:
  - COUNTRY_MULTI   =   "FALSE"
  - COUNTRY_DEFAULT   =   "USA"
  - COUNTRY_DROPDOWN =   "USA"

Client GMH: can ship to the United States and Canada.
  - COUNTRY_MULTI   =   "TRUE"
  - COUNTRY_DEFAULT   =   "USA"
  - COUNTRY_DROPDOWN =   "USA, CAN"

Client XYZ: can ship to the United States, Canada and other countries.
  - COUNTRY_MULTI   =   "TRUE"
  - COUNTRY_DEFAULT   =   "UK"
  - COUNTRY_DROPDOWN =   "USA, CAN, UK, GER, IND, CHN"

Note: values for countries use the Country-GEO-CODE. Values used this document are illustrative only and do not necessarily match those for the final implementation.

5 Supported Countries

An initial list of supported countries is as follows:

- Canada
- China
- France
- Germany
- India
- United Kingdom
- United States

NOTE 7-Oct-2011: this is a partial list for the initial implementation. The United States and Canada have specific formats as defined in the next section. Any other country selected in the drop-down should use the "generic format".

6   Country Specific Formatting Rules

6.1   United States (USA)

6.1.1   Input Rules

Default Caption	Format	Validation	OFBiz Mapping
Address-1	Char	Non-blank	
Address-2	Char	Optional	
Address-3	Char	Optional	
City	Char	Non-blank	
State	Drop-down	Must select one	
Zip	Num	5 numeric, required	
Tel	3 + 3 + 4	All numeric	

- State drop-down should contain the complete list of US States

6.1.2   Display Rules

- Display Format:

First + Last
Address-1
Address-2 (if available)
Address-3 (if available)
City, State Zip
Country

- Example:

```
CHRIS NISWANDEE
SMALLSYS INC
795 E DRAGRAM
TUCSON, AZ 85705
UNITED STATES
```

6.2 Canada (CAN)

6.2.1 Input Rules

Default Caption	Format	Validation	OFBiz Mapping
Address-1	Char	Non-blank	
Address-2	Char	Optional	
Address-3	Char	Optional	
City	Char	Non-blank	
Province	Drop-down	Must select one	
Postal Code	Char	Non-blank	
Tel	3 + 3 + 4	All numeric	

- Province drop-down should contain the complete list of Canadian Provinces:

```
AB    Alberta
BC    British Columbia
MB    Manitoba
NB    New Brunswick
NL    Newfoundland and Labrador
NT    Northwest Territories
NS    Nova Scotia
NU    Nunavut
ON    Ontario
PE    Prince Edward Island
QC    Québec
SK    Saskatchewan
YT    Yukon
```

6.2.2 Display Rules

- Display Format:

First + Last
Address-1
Address-2 (if available)
Address-3 (if available)
City, Province + Postal Code
Country

- Example:

```
JOHN JONES
MARKETING DEPARTMENT
10-123 1/2 MAIN STREET NW
MONTREAL, QC H3Z 2Y7
CANADA
```

6.3 **Generic**

6.3.1 *Input Rules*

Default Caption	Format	Validation	OFBiz Mapping
Address-1	Char	Non-blank	
Address-2	Char	Optional, see note	
Address-3	Char	Optional, see note	
City or Town	Char	Required	
State or Province	Char	Required	
Zip or Postal Code	Char	Required	
Tel	Char	Non-blank	

6.3.2 *Display Rules*

■ Display Format:

First + Last
Address-1
Address-2 (if available)
Address-3 (if available)
City or Town, State or Province
Zip or Postal Code
Country

■ Example:

```
JOHN JONES
CUCKOO HOUSE
17 BARN LANE
HEMPSTEAD, LONDON
W5 2HP
UNITED KINGDOM
```

7 Processing Examples

- Client ABC: can ship to the the United States ONLY:

  - COUNTRY_MULTI   =   "FALSE"
  - COUNTRY_DEFAULT   =   "USA"
  - COUNTRY_DROPDOWN   =   "USA"

Country	[drop-down]	Is NOT offered since the implementation does NOT support multi-country
Address-1	[entry]	
Address-2	[entry]	
Address-3	[entry]	
City	[entry]	
State	[drop-down]	Offers US States since the DEFAULT country is "United States"
Zip	[entry]	

- Client GMH: can ship to the United States and Canada:

  - COUNTRY_MULTI   =   "TRUE"
  - COUNTRY_DEFAULT   =   "USA"
  - COUNTRY_DROPDOWN   =   "USA, CAN"

Country	[United States]	IS offered since the implementation supports multi-country. In this example the drop down would contain "United States" and "Canada". The default selection is "United States".
Address-1	[entry]	
Address-2	[entry]	
Address-3	[entry]	
City	[entry]	
State	[drop-down]	Offers US States since the DEFAULT country is "United States"
Zip	[entry]	

If the customer selects "Canada" then the display would be alter as follows:

Country	[Canada]	
Address-1	[entry]	
Address-2	[entry]	
Address-3	[entry]	
City	[entry]	
Province	[drop-down]	Canadian Provinces would be offered here
Postal Code	[entry]	

- Client XYZ: can ship to the United States, Canada and other countries:

    - COUNTRY_MULTI   =   "TRUE"
    - COUNTRY_DEFAULT   =   "UK"
    - COUNTRY_DROPDOWN =   "USA, CAN, UK, GER, IND, CHN"

Country	[United Kingdom]	IS offered since the implementation supports multi-country. In this example the drop down would contain all 7 initial countries with the "United Kingdom" selected as the default.
Address-1	[entry]	
Address-2	[entry]	
Address-3	[entry]	
City or Town	[entry]	
State or Province	[drop-down]	Canadian Provinces would be offered here
Zip or Postal Code	[entry]	

If the customer selects "Germany" then the display would remain the same since Germany also uses the "generic format".

If the customer selected "United States" then the display would alter as follows:

Country	[United States]	
Address-1	[entry]	
Address-2	[entry]	
Address-3	[entry]	
City	[entry]	
State	[drop-down]	US States would be offered here
Zip	[entry]	

8 Future Specific Implementation Rules

NOTE 7-Oct-2011: the BF platform should support US, Canada and a generic format as described above. Other country specific requirements will be implemented at a later date. This section should be ignored for now.

8.1 United Kingdom

Default Caption	Format	Validation	OFBiz Mapping
Address-1	Char	Non-blank	
Address-2	Char	Optional	
Address-3	Char	Optional	
Town / City	Char	Non-blank	
Postal Code	Char	Non-blank	
Tel	Char	Non-blank	

- Example:

```
MR. WALTER C. BROWN
49 FEATHERSTONE STREET
LONDON
EC1Y 8SY
UNITED KINGDOM
```

8.2 India

- This follows the same formatting as "United Kingdom"

- Example

```
MR. I. K. TANEJA
FLAT NO. 100
TRIVENI APARTMENTS
PITAM PURA
NEW DELHI 110034
INDIA
```

8.3 China

Default Caption	Format	Validation	OFBiz Mapping
Address-1	Char	Non-blank	
Address-2	Char	Optional	
Address-3	Char	Optional	
Postal Code	Char	6 numeric	
Province	Char	Non-blank	
Tel	Char	Non-blank	

- Example:

```
MRS. JIAYING WONG
8 XUJIAZHAI, HUAQIAOCUN
XINZHONG XIANG, TIANTAI XIAN
266033 ZHEJIANG
P.R. CHINA
```

8.4 France

Default Caption	Format	Validation	OFBiz Mapping
Address-1	Char	Non-blank	
Address-2	Char	Optional	
Address-3	Char	Optional	
Postal Code	Char	5 numeric	
City	Char	Non-blank	
Tel	Char	Non-blank	

- Example:

```
MADAME DUVAL
27 RUE PASTEUR
14390 CABOURG
FRANCE
```

8.5 Germany

Default Caption	Format	Validation	OFBiz Mapping
Address-1	Char	Non-blank	
Address-2	Char	Optional	
Address-3	Char	Optional	
Postal Code	Char	5 numeric, required	
City / Town	Char	Non-blank	
Tel	Char	Non-blank	

- Example:

```
HERRN
EBERHARD WELLHAUSEN
WITTEKINDSHOF
SCHULSTRASSE 4
32547 BAD OYENHAUSEN
GERMANY
```

8.6 Generic

Default Caption	Format	Validation	OFBiz Mapping
Address-1	Char	Non-blank	
Address-2	Char	Optional, see note	
Address-3	Char	Optional, see note	
Zip or Postal Code	Char	Optional, see note	
City or Town	Char	Optional, see note	

State or Province	Char	Optional, see note	
Tel	Char	Non-blank	

- Two of either Address-2, Address-3, Zip/Postal, City/Town or State/Province must be entered
- This should apply to all other countries that may be offered by the client configuration