

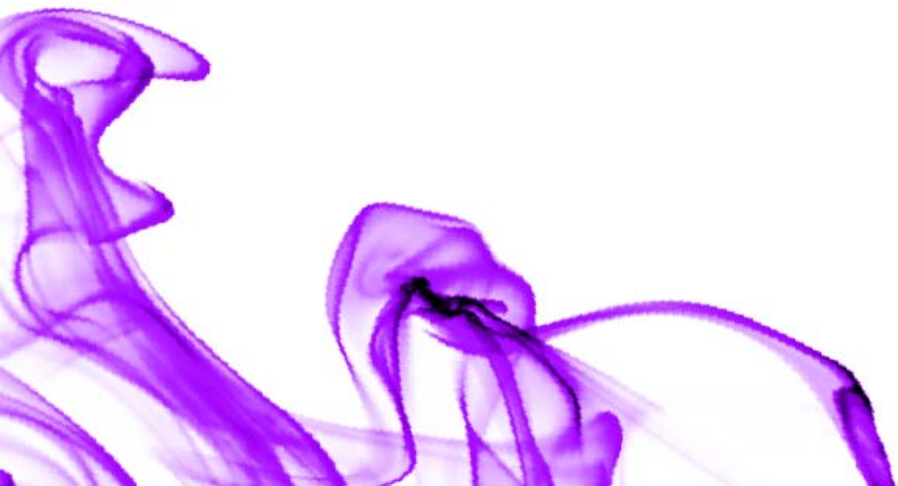


BEA Product Tutorial

BEA AquaLogic Commerce Services

Release 6.0

Tutorial : Multistore, Language & Currency Customization



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Introduction

This document is intended to provide you with an introduction to the capabilities within ALCS for creating and deploying multiple stores including a new language and currency. It will guide you through the creation of a second store called “Clicky Mart”, which supports English, French and Spanish languages. Clicky Mart will also support the Euro currency and will be linked to a virtual catalog that contains a subset of the Snap It Up catalog.

If you’d like, go ahead and print a copy of these instructions to guide you through the exercise.

Add a new language & currency to Snap It Up Catalog

The Clicky Mart store will be using a virtual catalog which contains a subset of the Snap It Up Catalog. Therefore, in order for new languages and currencies to be available in the new Clicky Mart store, we must add them to the Snap It Up Catalog first.

1. Log into the Commerce Manager.
2. Select the “Catalog Management” activity.
3. Right-click on “Snap It Up Catalog” and click “Open”
4. Click the “Summary” tab at the bottom of the window.
5. Choose “Spanish” from the list of Available Languages on the left and click the > arrow to move it to the “Selected Languages” box. Repeat this step for the currency EUR.

The screenshot shows the 'Snap It Up Catalog' window with the 'Summary' tab selected. The window displays the following information:

- Catalog Code:** SNAPITUP
- Catalog Name:** Snap It Up Catalog
- Default Language:** English
- Default Currency:** USD

Below this information are four lists for managing languages and currencies:

- Available Languages:** A list box containing Albanian, Albanian (Albania), Arabic, Arabic (Algeria), Arabic (Bahrain), Arabic (Egypt), Arabic (Iraq), and Arabic (Jordan). A right-pointing arrow (>) is next to the list.
- Selected Languages:** A list box containing English, French, Norwegian, and Spanish. 'Spanish' is currently selected.
- Available Currencies:** A list box containing AED, ALL, ARS, AUD, BAM, BGN, BHD, BOB, and BRL. A right-pointing arrow (>) is next to the list.
- Selected Currencies:** A list box containing EUR, NOK, and USD. 'EUR' is currently selected.

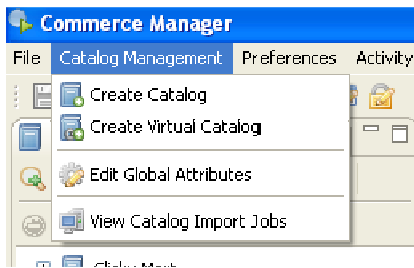
At the bottom of the window is a tabbed interface with the following tabs: Summary, Attributes, Category Types, Product Types, SKU Options, Brands, and Synonym Groups. The 'Summary' tab is currently active.

6. SAVE your changes (by clicking CTRL-S, or choosing “File -> Save” from the menu).

Create a virtual catalog called “Clicky Mart”

Let's assume that the Clicky Mart store requires a different product catalog than the Snap It Up store. This means that we need to create either a new master catalog or a new virtual catalog to associated with the Clicky Mart store. Let's create a virtual catalog as that will allow us to inherit and re-use categories from the Snap It Up catalog.

1. From the menu, choose “Catalog Management -> Create Virtual Catalog”



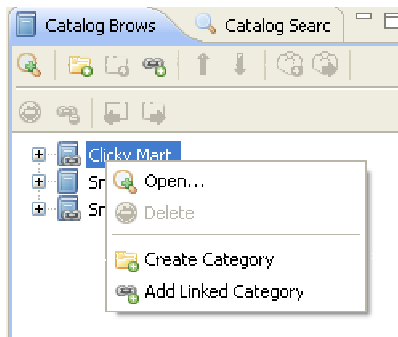
2. For the Catalog Code, type “CLICKYMART”.
3. For the Catalog Name, type “Clicky Mart”.
4. For the Default Language, choose “Spanish”
5. For the Default Currency, choose “EUR”.

A screenshot of the 'Create Virtual Catalog' dialog box. It contains four labeled input fields: 'Catalog Code' with the value 'CLICKYMART', 'Catalog Name' with the value 'Clicky Mart', 'Default Language' with a dropdown menu showing 'Spanish', and 'Default Currency' with a dropdown menu showing 'EUR'. At the bottom right are 'Save' and 'Cancel' buttons.

Add linked categories to your “Clicky Mart” catalog

Now that we’ve created the new catalog, we need to populate it with some content. So let’s add a couple linked categories to it. Since we’re adding linked categories instead of regular categories, we gain the benefit of being able to inherit products from the Snap It Up catalog in each category we link to.

1. Right-click the Clicky Mart catalog and click “Add Linked Category”

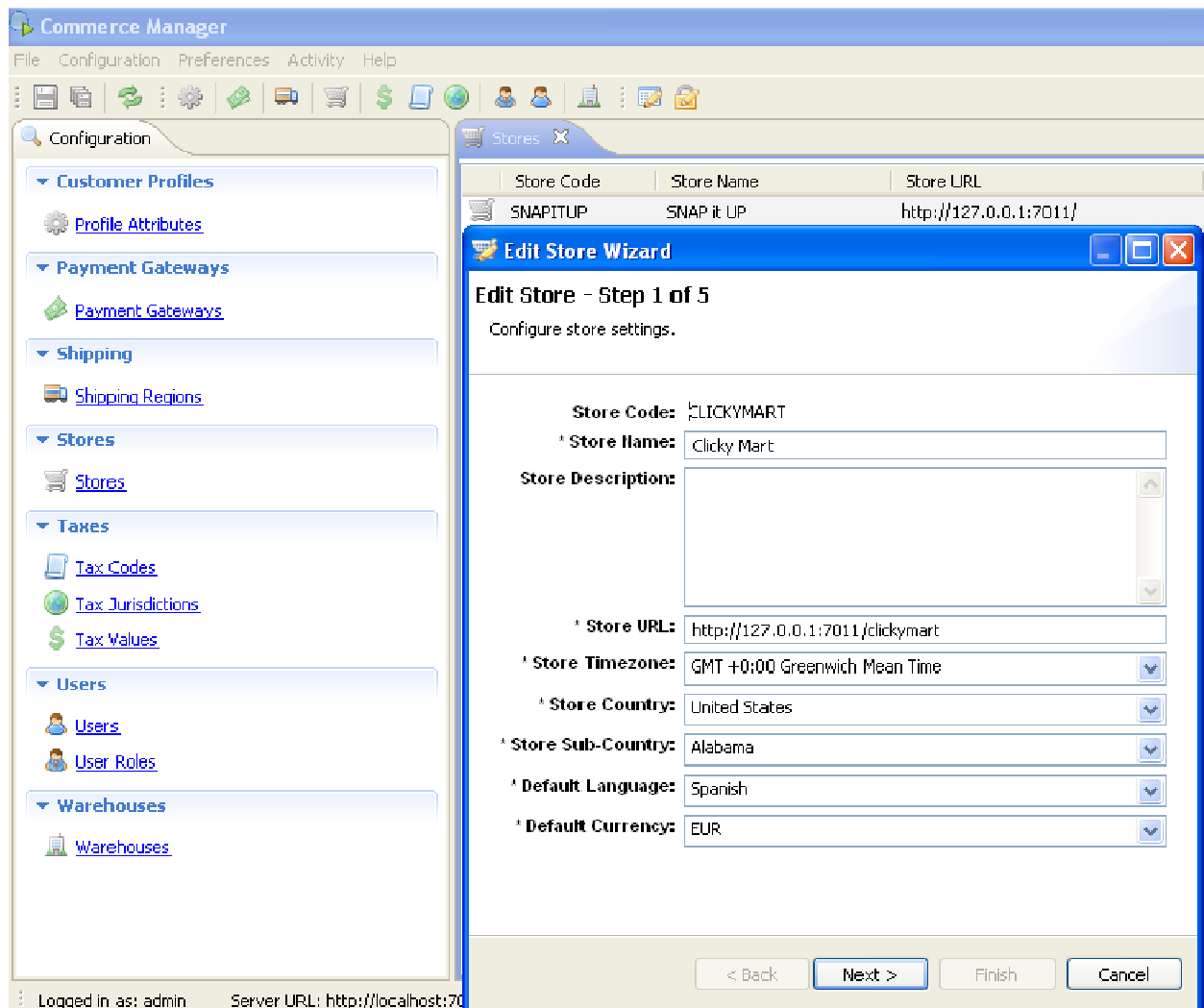


2. For Category Name, type “Digital Cameras” then click Search.
3. Click the “Digital Cameras” category that appears in the search results, then click OK
4. Repeat steps 1 – 3 to add a category called “Accessories” (the one with parent category “N/A”)

Create your Clicky Mart store in the Commerce Manager

Now that we have a fully populated Clicky Mart catalog, we need to create a store that can display the contents of the catalog to our shoppers. Creating a store involves some configuration in the Commerce Manager as well as deployment & configuration of your new storefront application files in the file system.

1. From the menu, choose “Activity -> Configuration”
2. Click on “Stores” in the left menu.
3. Click “Create Store” in the upper-right menu to begin the store creation wizard
 - a. For Store Code, type “CLICKYMART”
 - b. For Store Name, type “Clicky Mart”
 - c. For Store URL, type <http://127.0.0.1:7011/clickymart>
 - d. For Default Language, choose Spanish
 - e. For Default Currency, choose EUR



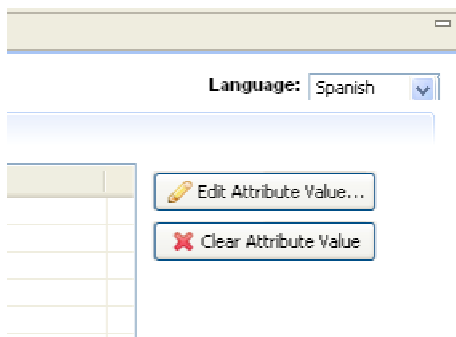
4. Click Next to go to Step 2.

- a. For Store Catalog, choose "Clicky Mart"
 - b. For Store Warehouse, choose "Warehouse_US"
5. Click Next to go to Step 3.
 - a. Leave all Tax Jurisdictions and Tax code UNCHECKED.
6. Click Next to go to Step 4.
 - a. For Payment Gateway, choose an appropriate payment gateway.
 - i. Choose "DemoPaymentProcessor" if you do not have a payment gateway account setup. This is a "fake" payment gateway used for testing purposes that does not actually verify a customer's credit card data.
 - ii. Choose another payment gateway, if you have one setup.
 - b. Leave the rest of the payment types as default value or change them if you wish.
7. Click Next to go to Step 5.
 - a. For HTML Encoding, choose "UTF-8"
 - b. Enter any appropriate values for the rest of the form fields.
8. Click Finish.
9. Your store has now been created in the Commerce Manager.

Localize some product content

The last task that we'll do in the Commerce Manager is to localize some content for one of our products into Spanish. This will allow us to see the difference between the English, French and Spanish versions of this product in the storefront.

1. In the Commerce Manager, switch to the Catalog Management Activity.
2. Search for and open the product with product code 10030708.
3. Change the language to Spanish using the language selector in the upper-right corner of the screen.



4. Change the Product Name to: Cámara fotográfica - Canon EOS Digitale Rebel XT - plata
5. Click on the "Pricing" tab.

6. Add a list price of 600.00 EUR to the “Snap It Up Catalog” EUR price list

*10030708

Pricing

Snap It Up Catalog Clicky Mart

▼ EUR

Quantity	List Price	Sale Price
1	600.00	N/A

 Add Tier...

 Edit Tier...

 Remove Tier...

▼ NOK

Quantity	List Price	Sale Price

 Add Tier...

 Edit Tier...

 Remove Tier...

▼ USD

Quantity	List Price	Sale Price
1	999.00	799.00

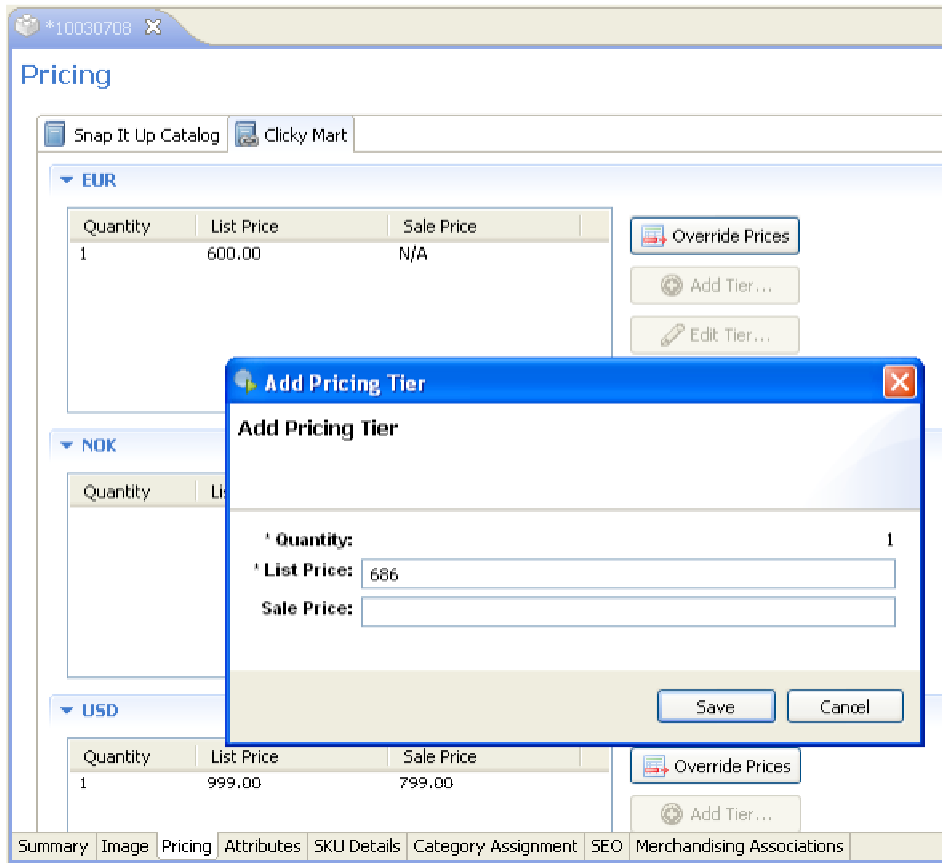
 Add Tier...

 Edit Tier...

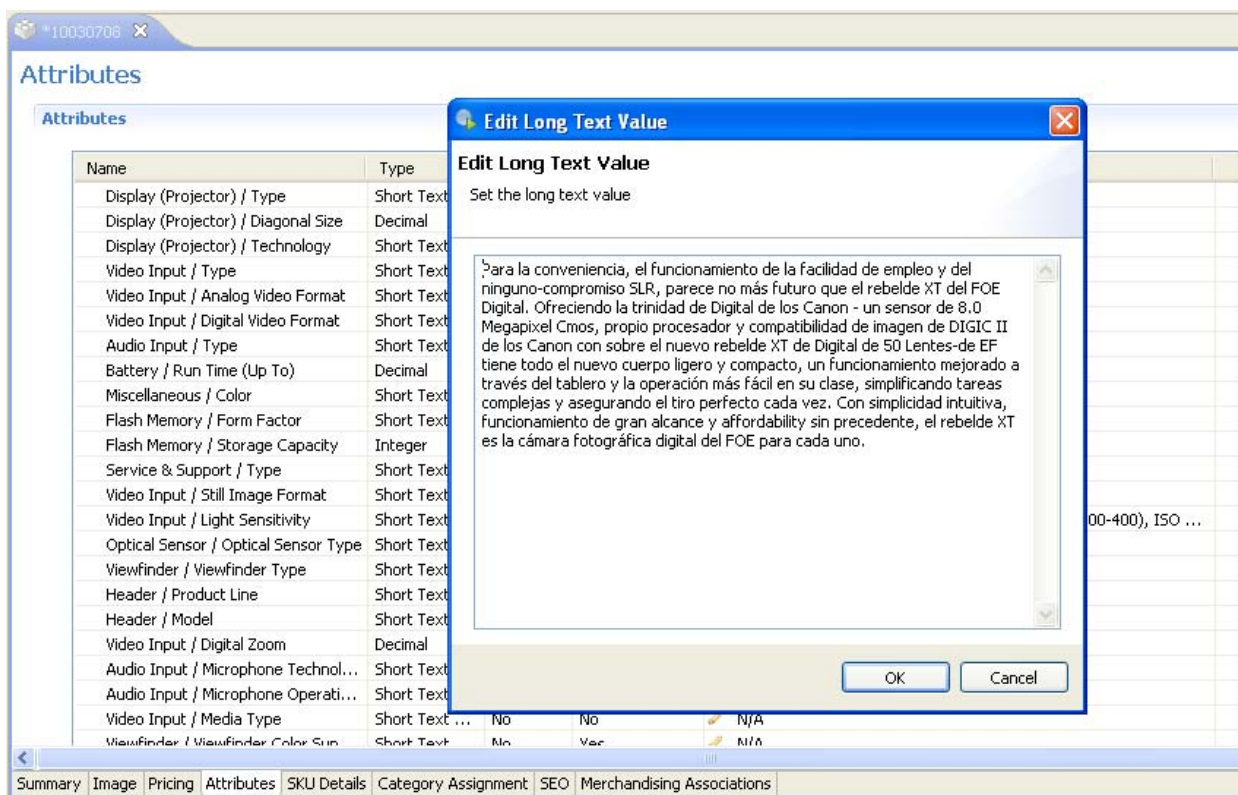
 Remove Tier...

Summary Image Pricing Attributes SKU Details Category Assignment SEO Merchandising Associations

- Click on the “Clicky Mart” catalog, click the “Override Prices” button under the EUR price list and click OK to clear the warning message. Enter a list price of 686.00 EUR. This feature allows each catalog to have a different price list for a single product.



- Click on the “Attributes” tab.
- Change the language to Spanish using the language selector in the upper-right corner of the screen.
- Change the value of the “Product Description” attribute to: Para la conveniencia, el funcionamiento de la facilidad de empleo y del ninguno-compromiso SLR, parece no más futuro que el rebelde XT del FOE Digital. Ofreciendo la trinidad de Digital de los Canon - un sensor de 8.0 Megapixel Cmos, propio procesador y compatibilidad de imagen de DIGIC II de los Canon con sobre el nuevo rebelde XT de Digital de 50 Lentes-de EF tiene todo el nuevo cuerpo ligero y compacto, un funcionamiento mejorado a través del tablero y la operación más fácil en su clase, simplificando tareas complejas y asegurando el tiro perfecto cada vez. Con simplicidad intuitiva, funcionamiento de gran alcance y affordability sin precedente, el rebelde XT es la cámara fotográfica digital del FOE para cada uno.



11. Change value of “Display (projector) / Type” to “Exhibición del LCD”
12. Change value of “Display (projector) / Technology” to “Matriz activa de TFT”
13. Save all changes to the product (CTRL-S).

Deploy your Clicky Mart storefront application

Now we're ready to deploy and configure our new storefront application files.

1. Copy the contents of
 C:\bea\commerce_6.0\samples\commerce\commerceApp\commerceServices to
 C:\bea\commerce_6.0\samples\commerce\commerceApp\clickymart

This will result in both Snap It Up and Clicky Mart having an identical look & feel and identical functionality. If you would like to modify the look and feel of your new Clicky Mart store, you can follow along with our storefront customization tutorial after finishing this tutorial.

2. Next we register the new storefront application with our WebLogic Server.
 - a. Edit \clickymart\META-INF\application.xml to add new “clickymart” entry. To do this, within the <application> block, add the following <module> entry:

```
<module>
  <web>
    <web-uri>clickymart</web-uri>
    <context-root>clickymart</context-root>
```

```

    </web>
</module>

```

3. We also need to configure the storefront application to provide it with some information about the store.
 - a. Edit \clickymart\WEB-INF\commerce-config.xml
 - i. Change the value for the “store.code” property CLICKYMART
 - ii. Change the value of the “web.sf.context.url” property to “clickymart”
 - iii. Change the value of the “email.image.url” property to [“http://127.0.0.1:7011/clickymart”](http://127.0.0.1:7011/clickymart)
4. Create a new email template folder
 - a. You need to create a folder that has the same name as your new store code under the following folder: \commerceServicesManager\WEB-INF\templates\velocity\email
 - b. The easiest way to do this is to copy the existing folder called SNAPITUP and rename it to CLICKYMART

Localize your Clicky Mart storefront application

We now have a new storefront ready to deploy, however there is one last step we need to do in order to show off our new Spanish product content. We need to add support for the Spanish locale to our storefront application files.

1. Create a file called productTemplate_es.properties by copying productTemplate.properties and renaming it
 - a. The easiest way to do this is by copying the file productTemplate.properties from the folder \clickymart\WEB-INF\templates\velocity\catalog\product and renaming the file.
 - b. This new property file will store the Spanish text labels which appear on the product template.
2. Edit productTemplate_es.properties
 - a. modify the following 4 lines to read:
 - i. productTemplate.Display=Exhibicion (proyector)
 - ii. productTemplate.A00138=Typo
 - iii. productTemplate.A00152=Tecnologia
 - iv. productTemplate.A00140=Tamano De la Exhibicion
 - b. Save your changes to productTemplate_es.properties and close the file
3. Edit \clickymart\WEB-INF\templates\velocity\includes\footer.vm
 - a. Add “Spanish” to the selection of available languages by replacing lines 9 through 13 with the following code:

```

#if($sesShoppingCart.locale.toString() == "en")
<p class="lang"><span class="on">#springMessage("footer.english")</span> | <a
href="$baseUrl/locale.ep?locale=fr&currency=USD">#springMessage("footer.french")</a> |
<a
href="$baseUrl/locale.ep?locale=sp&currency=EUR">#springMessage("footer.spanish")</a>
#end

```

```

#if($sesShoppingCart.locale.toString() == "fr")
<p class="lang"><a
href="$baseUrl/locale.ep?locale=en&currency=USD">#springMessage("footer.english")</a>
| <span class="on">#springMessage("footer.french")</span> | <a
href="$baseUrl/locale.ep?locale=sp&currency=EUR">#springMessage("footer.spanish")</a>
#end

#if($sesShoppingCart.locale.toString() == "es")
<p class="lang"><a
href="$baseUrl/locale.ep?locale=en&currency=USD">#springMessage("footer.english")</a>
| <a
href="$baseUrl/locale.ep?locale=fr&currency=USD">#springMessage("footer.french")</a> |
<span class="on">#springMessage("footer.spanish")</span>
#end

```

- b. Save your changes and close the file.
4. Edit \clickymart\WEB-INF\templates\velocity\includes\footer.properties
 - c. Add the following line to the end of the file: footer.spanish=Espanol
 - d. Save your changes and close the file
5. Repeat the above step with \clickymart\WEB-INF\templates\velocity\includes\footer_fr.properties
6. Create new file \clickymart\WEB-INF\templates\velocity\includes\footer_es.properties by copying footer.properties. OPTIONAL: If you'd like you can replace the English values on the right of the "=" signs with their Spanish equivalents. A tool to help translate content is: <http://babelfish.altavista.com/tr>.
7. Stop and Start the Commerce Services Example Server

View your changes in the Clicky Mart storefront

Last but not least, let's verify that all of the above changes appear correctly in the storefront.

1. Go to your Clicky Mart storefront: <http://127.0.0.1:7011/clickymart>
2. Click on the product on the right side of the homepage (Canon EOS Digital Rebel XT....)
3. You should see the product page in English.
4. Scroll down to the bottom of the page. You should see a new language option called "Espanol".

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English | Français | Espanol



5. Click the Espanol link. This will re-load the product page in Spanish.

6. Verify that the following changes to the product content appear on the page:
 - a. Product title should be in Spanish
 - b. Price should be 686.00 EUR
 - c. Product description should be in Spanish
 - d. Content section titled “Exhibicion (proyector)” should be entirely in Spanish
 - e. All the rest of the content should be in English

CONGRATUALATIONS!! You’re all done!! Enjoy your new Clicky Mart store 😊