Exercise Solutions

Section 7 Lesson 2. ACL Permissions

Exercise 1: Creating ACL Permissions

Use your IDE to do this exercise.

Step 1. Create an *adminhtml.xml* file in the `Training_Distributor` module

- The file is located in *app/code/local/Training/Distributor/etc/*.

Step 2. Add a menu item "Manage Distributors" under "Catalog"

a) Add the following xml structure to the *adminhtml.xml* file.

```xml
<?xml version="1.0"?>
<config>
        <!-- Add adminhtml menu entry under the Catalog section -->
        <menu>
            <catalog>
                <children>
                        <training_distributor translate="title"
module="training_distributor">
                                <title>Manage Distributors</title>
                                <action>adminhtml/distributor</action>
                                <sort_order>250</sort_order>
                        </training_distributor>
                </children>
            </catalog>
        </menu>
</config>
```

b) Because the `Training_Distributor` module's data helper is translating the
`<title>` node, it is necessary to define the helper class at
Training/Distributor/Helper/Data.php.

```
class Training_Distributor_Helper_Data extends Mage_Core_Helper_Abstract
{

}
```

c) To test, refresh the Config and Block HTML caches and hover over the Catalog
menu. The title should be displayed as a child of the menu item.

Step 3. Create appropriate ACL permissions for the menu entry from Step 2

a) Add the following XML structure to the *adminhtml.xml* file inside of `<config>`.

```
<!-- Add ACL Settings under System > Permissions > Roles -->
<acl>
      <resources>
            <admin>
                  <children>
                        <catalog>
                              <children>
                                    <training_distributor
translate="title" module="training_distributor">
                                          <title>Manage Distributors
Section</title>
                                          <sort_order>250</sort_order>
                                    </training_distributor>
                              </children>
                        </catalog>
                  </children>
            </admin>
      </resources>
   </acl>
```

b) To test, refresh the config cache and navigate to System > Permissions > Roles. Either edit an existing role or create a new role. Click the Role Resources tab and select "Custom" from the "Resource Access" dropdown. "Manage Distributors Section" should appear under "Catalog".