

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 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".

Role Information

- Role Info
- Role Resources**
- Role Users

Edit Role 'Administrators'

Role Scopes

Role ScopesAll

Roles Resources

Resource AccessCustom

Resources

- Sales
- Dashboard
- Catalog
 - Tags
 - Google Sitemap
 - Category Permissions
 - Rule-Based Product Relations
 - Attributes
 - Reviews and Ratings
 - Manage Products
 - Search Terms
 - Update Attributes
 - Url Rewrite Management
 - Manage Categories
 - Manage Catalog Events
 - Manage Distributors Section