Home Coop:

Tiny Local Consumer Cooperatives Web Ordering System

Installation Guide

Prerequisites:

- Linux apache2 web server
- MySQL 5.X and up server
- PHP 5.3 and up. Packages: libxml2-dev, php5-mysql, php5-xsl, libxslt1.1

Installation:

1) Create a database schema by running **DB\00_Schema.sql** in MySQL server. In case the database was already created, you will need to omit the first CREATE DATABASE statement and possibly also the USE HomeCoop statement (due to permission restrictions on hosting sites).

2) Run in MySQL the initial data script **DB\01_Base.sql.** Note: this script creates a first user for the website. Login name: **admin**. Password: **123456**

3) Run in MySQL a language script for each language you wish your website to support (only 2 languages strings are provided – English and Hebrew, but you can easily enough add other languages). If you choose to include English, start with **DB\02_English.sql** so other languages will "fall" to English when a string is missing.

4) Run **DB\11_ProduceConstants.sql** in a MySQL client. Export the result to a spreadsheet file, and copy the entire column content (excluding the first header row) to **Website\$keys\class\consts.php**, replacing the constants under the comment DATABASE-MATCHING CONSTANTS.

5) Configure settings set in **Website\strings.xml** and each **Website\strings.[language folder name].xml** file (at the beginnings of the files only). Language folder name is usually composed of two letters, such as "en" for English.

6) Configure settings set in **Website\$keys\settings.php**. Note: each string in the format <$!SOMETHING$!> is a placeholder that will be used by **Website\create-language-folders.py** to create a folder for each language the website supports. The string values for this placeholders are found in the **Website\strings.[language folder name].xml** files and in the file **Website\strings.xml**, which includes some non-language-specific strings

and functions as a cross-development-language "constants file". The file **Website\$keys\coopbrief.htm** points to strings that describe organizational information (100% Vegan, etc.), presented to anyone on the website login page. Edit those strings in the xml files mentioned here and modify the file **Website\$keys\coopbrief.htm** to your liking.

7) For a one-language deployment other than English (which the website is already set for by default), set DEFALUT LANGUAGE in **Website\index.php** to the supported language folder name, and **$g_aSupportedLanguages** in **Website\$keys\settings.php** to a two-dimensional array with one child array – for the supported language.

The following code, when included in **Website\$keys\settings.php,** sets English as the only supported language (regardless of how many SQL language scripts were run and provided that **DB\02_English.sql** was one of them):

```
//language folder (array key),
//language name,
//is a required language? (false=optional),
//rtl/ltr align
//language id (from db)
//falling language id
$g_aSupportedLanguages = array(
                    'en' => array('English', true, 'ltr', 1, 0)
 );
```

8) For a two or more languages deployment, set the value for the system's default language folder in the root directory file **Website\index.php** below the comment DEFALUT LANGUAGE. The website's root directory should then be the folder **Website.**

9) Follow the instructions for using **Website\create-language-folders.py** in the document **Multi-language Website Generating Python Script.pdf** and run the script to generate language-specific/one-language deployment folder(s)

10) Copy, perhaps through an FTP connection, the contents of the directory **Website,** without the **create-language-folders.py** script related files and $keys folder, to your website's designated root directory path. This will leave only **Website\index.php**, **Website\uploadimg (or the name it was changed to in Website\$keys\settings.php)** and a language folder for each language your website will support.

11) Set write permissions for the following folders:

- **Website\[langauge folder name]\cache** - to enable caching of catalog.php when accessed publicly: sudo chmod 777 [cache path]. Caching can be disabled in **Website\$keys\settings.php**.
- **Website\uploadimg (or the name it was changed to in Website\$keys\settings.php) -** to

enable uploading product images: sudo chmod 777 [uploadimg path]