

Implementation Guide for PHP Kit

Welcome to the free estate agent web kit from Kyero.com

When you use Kyero.com to advertise properties, you can use this free web kit to also feature them on your own web site. Changes made to your properties on Kyero.com are reflected instantly on your web site - all with a single mouse click.

Who is the kit for?

It's for estate agents who want to create their own fully-featured, professional property web site quickly and cheaply. The kit is available free of charge and uses the property information you enter at Kyero.com to populate your own web site with the same properties. If you are not already advertising with Kyero, get started now: <http://advertise.kyero.com/advertise-properties-now/615>

You will need some experience of web site design to customise the kit for your own needs. If you do not have these skills, it can be customised by any web designer and your web site can be hosted anywhere in the world. The kit takes care of all of the *difficult bits* of building a web site allowing you to minimise the time and cost of any customisation work required. Basic customisation should cost less than 200 Euros and take less than half a day from start to finish.

What does it do?

The web kit supports properties for sale, long term rentals, short term lets, leasehold and part-ownership. Properties are fully searchable and each one is displayed with a gallery of photos, a location map and links for making an enquiry, book-marking and telling a friend about the property. The kit accommodates as many languages as required, displays up to two currencies, and also includes a currency convertor. It allows you to create your own groups of properties or hide specific ones from being displayed. Finally, the kit has an administration control panel that permits you to customise and configure the kit for your own use.

How does it work?

There are four main components to the web kit which create a sophisticated web site for promoting properties:

1. At the heart of the kit is a database that contains all your property information.
2. Accessing the database is a group of web pages that handle searching, listing results and showing property details and photos.
3. A password protected administration panel allows you to configure language, currency and navigation options.
4. A collection of template pages allows you to customise exactly how your web site will operate and look.

This version of the web kit is designed to be installed on a Linux server running the Apache web server, and uses the PHP scripting language and a MySQL database (it will also run on Windows). A version of the kit for Microsoft Windows using IIS web server and ASP environments is also available.

Who are Kyero and Future Shock?

This free estate agent web kit is provided by Kyero Media S.L. in association with Future Shock Ltd. Kyero publish the leading advertising portal for Spanish property, Kyero.com and commissioned Future Shock to construct and support the web kit. Further information about the advertising services available from Kyero.com can be found here: <http://advertise.kyero.com/compare-kyero-products-and-pricing/743>

Support and Latest Information

Product support is only available via this forum: <http://www.future-shock.net/forums/> - telephone support is not available. Up-to-date product information can be found at: <http://software.future-shock.net/kyero/>

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Pre-requisites

In order to use this kit, you should have a reasonable knowledge of:

- HTML
- CSS

Knowledge of PHP is required if you wish to make any advanced amendments to the kit.

You will need to ensure that the web server where the site will be hosted is Linux and has the following installed:

- PHP version 4.1 to 4.4 or version 5.1 to 5.2.
- MySQL4.0 or higher, including version 5 (does not work with MySQL3); InnoDB table support must be enabled.

Support for future releases of PHP and MySQL is not guaranteed.

Disclaimer

By installing the kit you are agreeing to the terms of our licence agreement in Appendix E of this document. Please ensure that you have read and accept these terms.

Uploading your kit

1. Your kit is supplied as a ZIP file – this must be extracted to your hard drive to create the files and folder structure ready for upload. PC software to do this can be downloaded for free from <http://www.winzip.com/>
2. Upload all of the files to your web server. Ensure that the file named application.php in the modules folder has read and write permissions for all users (CHMOD 666).
3. Now go to your website with a web browser and view the page named setup.php (for example <http://www.your-domain.com/setup.php> where your-domain.com is the name of your domain). Follow the on-screen instructions for creating your database and kit configuration. Once you have successfully run the setup.php page, delete this file as it poses a security risk to your kit.
4. Your kit should now be fully functional. If there are any problems, see troubleshooting below; otherwise proceed to the **Using the Admin Suite** section on the next page where you can configure your site and synchronise your property details with your Kyero.com account.

Uploading your kit: troubleshooting

Symptoms	Solution
When you view your site, you see a list of files or get a "directory listing denied" error	Your hosting account is not set up to recognise index.php as the default file. Contact your hosting provider and ask them to change it, or change the name of index.php to the default file specified by your hosting provider (you will also need to amend the Home link in the All Pages section of the Navigation Builder in the Admin Suite).
An error not listed above	Visit our support forums for assistance at http://www.future-shock.net/forums/

Using the Admin Suite

The admin suite (accessed via <http://www.your-domain.com/admin>) allows you to design navigation menus and configure system settings (such as the URL of your Kyero.com feed, and currency symbols and rates) and information that is not supplied in your Kyero.com account, including language specific email addresses, site names, and straplines. It also allows you to synchronise your property details with your Kyero.com account.

Please note that there are two separate logins to the admin suite: the Developer login (username: developer, password: password) and the Owner login (username: owner, password: password). All pages are accessible from both logins but considerably more configuration options are available to the Developer login. You will need to login as Developer to fully configure the system.

It is recommended that you configure your site using the admin suite in the following order:

1. Change the login details from those supplied “out of the box”.
2. Configure your system settings.
3. Synchronise your property details with your Kyero.com account.
4. Use the Navigation Builder to design your site navigation.
5. Perform any required kit customisation and add/remove languages.

The remainder of this guide explains how to perform these tasks.

Change Login Details

This page allows you to change the username and password of the currently logged in user. Simply type in the new username and password you require and click the **Update Details Now** button. The changes will take place immediately and you will need to remember these new details for the next time you login.

IMPORTANT: you must change the passwords of both logins as soon as possible for security reasons.

Configuring your System Settings

Select System settings from the main Admin Suite menu. You will see a screen similar to the one on the right. Enter the following information:

Kyero.com XML Feed URL: Enter the web address from your Kyero.com account when you generated your XML feed. For instructions on how to generate this web address, see appendix D of this document. Only enter the part of the web address after **http://propertyfeed.kyero.com/** The kit is supplied with the web address of a demo feed you can use for testing.

Link to Site Stats: If web statistics are available, enter the URL here. This will appear as a link on the main Admin Suite menu for the site owner. It will not appear on any of the client-side pages.

Link to Control panel: Enter the URL of your Kyero.com control panel so that the owner of the site will be able to access it easily. Again, it will appear as a link on the main menu.

Main Currency Symbol: Enter the currency symbol for the primary currency of the site. This will appear in the HTML code exactly as it is entered here, so for browser compatibility reasons you should use the HTML entity for the symbol (see appendix C for a list of entities).

Second Currency symbol: Enter a second currency symbol if you want all prices to display in 2 currencies.

Exchange rate: If you have entered a second currency symbol, you must enter an exchange rate. All prices will be multiplied by the number you enter here to calculate prices in the second currency. Eg. if your main currency is Euros and your second is Pounds then you would enter **0.67** as your exchange rate (assuming that €1.00=£0.67).

Language-Specific System settings:

The following settings must be set for each language which is enabled on the site.

Site Name: Whatever you type in here will appear in the title of each page, along with the specific page name. It will usually be the name of the Estate Agent.

Strapline: In the default version of this kit, the strapline will appear in the header of each page, below the logo. If you don't want anything to appear, then leave the box blank.

Email Address: Type in the language specific email address which you want to appear on the main contact page of the site. If these are left blank, then the company email address supplied in the Kyero.com feed will be displayed.

Property Page Info: Anything typed in here will appear at the bottom of all property details pages (useful for displaying corporate information to visitors that have entered the site on this page).

System settings updated	
Hold mouse cursor stationary over form fields to see description of purpose	
Kyero XML Feed URL	http://www.kyero.com/scripts/property_feed?P%40kcLqNlx
Link to Site Stats (optional)	http://www.your-domain.com/stats/
Link to Control Panel (optional)	http://www.kyero.com/my_account/
Main Currency Symbol	€
Second Currency Symbol (optional)	
Exchange Rate (optional)	
Language	English <input type="checkbox"/> EN <input type="checkbox"/> Default <input checked="" type="radio"/> Cannot delete default
Site Name	Kyero Estate Agency Web Kit
Strapline	The Kyero customisable Estate Agency web kit
Email Address	english@your-domain.com
Property Page Info	[COMPANY NAME] is a fully licensed real estate company with registered offices in [COMPANY LOCATION]. We offer all you need for your property purchase from honest information about the properties and viewings to advice on
New Language	<input type="checkbox"/> Default <input type="radio"/>
Site Name	
Strapline	
Email Address	
Property Page Info:	
<input type="button" value="Apply Changes Now"/>	

Populating the Database from Kyero.com

The database is populated with data from Kyero.com by clicking on the “Kyero Synchronisation” link in the admin suite menu and following the on-screen instructions. Ensure that the URL for your Kyero.com feed in the **System Settings** is correct.

The feed will supply your company details (name, address, phone, etc.) and all property details. These cannot be managed in the kit admin suite, they must be updated in your Kyero.com account and then synchronised from your kit admin suite. See appendix D for instructions on generating a feed from your Kyero.com account.

Designing your Site Navigation

The kit provides two methods for creating navigation menus; the **Navigation Builder** (detailed on the next page) provides an advanced method of creating complex top and side navigation menus that change to match the section of the site you are viewing.

The second simpler method only applies to the “Property Listing” (listProperties.php) and “Property Details” (viewProperty.php) pages of the kit. These pages have a variable named PropertyTypesNav near the top, when set to True this will display a menu of links to each of the property types (eg. villa, commercial, etc.) available in the database. This menu will change for each mode (ie. sales, rentals, etc.). If you choose to use this method, you will need to remove the sample side-nav entries using the Navigation Builder.

Navigation Builder

In the main admin menu, select Navigation Builder; this will show a page where you can select to edit the following menus (you do not have to use all of these if they are not applicable): Top Nav (All pages), Side Nav (All pages, General pages, Rent pages only, Holiday Let pages only, Sale pages only, Leasehold pages only, Part Ownership pages only).

By default, the “Top Nav” links appear across the top of each page on the site, below the logo and strapline. The “side nav” links appear on the left.

Select the group of links you wish to work with. If you already have entries in the category, you will see a screen similar to the picture on the right (otherwise you can create new entries):

To alter the order which existing entries display in, simply change the values in the column labelled “Order” and then click “Update Display Order values”. To edit an entry, click on the name in the “Entry column”, or to create a new entry, click the “Create New Entry” button.

After you have clicked the button to create a new entry, you will see the screen below where you can enter the following information:

Entry Type: (Link/Header/Spacer). Most entries will be of type “link”, but in order to make the navigation clearer for your website visitors you can also create header entries, which will display as a title (eg. “Quick Search Links”, “Areas” or “Property Types”), and spacer entries, which simply display as a blank table cell.

Display Mode: This controls where the entry will be displayed and on which pages. It will already be set to whichever group you selected at the start.

Link Text: The anchor text for the link.

Page Text: If you are creating a link to a property listings or search page, text typed in here will be displayed at the top of that page. You can type anything from a simple line of text – “Here are all of our properties by the sea” to several paragraphs.

Type of Display Page: You can select which type of page the entry will link to here. The rest of the form will be different depending on what you select:

- **Property Listing** For property listing links you need to select the criteria for the listings page. If you leave all of them blank, all properties will be displayed.
 - **Restrict Property Mode:** (Rentals/Holiday Lets/ Sales/Leasehold/Part Ownership)
 - **Restrict Type:** Type in the property type here (eg. “apartment”, “villa”). You must type it exactly as it appears in your Kyero.com account.
 - **Restrict Area:** Type in the name of the area or region you want to link to here. Again, type it exactly as it appears in the property listings.
 -
- **Search Form:** choose to **Restrict Property Mode** by Sales, Rentals, or Holiday Lets.
- **Custom URL:** specify a **Custom File Name** (type in the file path of the page). The page should be in **pages/EN** and also in every other language folder.

Display Order: Finally, enter a number between 0 and 99 in this box according to whether you would like the page to be displayed 1st, 2nd etc. The value you type in can be changed later from the Navigation Builder category page.



Click on the name to edit or delete an entry or [click here](#) to return to the Navigation Builder menu.

The following navigation entries appear on all pages.

Entry	Order	Displayed on pages
Dream Homes	0	All pages - side nav
Special Offers	1	All pages - side nav



Use the form below to add a new nav entry, or [click here](#) to return to the nav category page.

Entry Type	Link
Display Mode	All pages - side nav
Link Text: English	
Link Text: Spanish	
Page Text: English	
Page Text: Spanish	
Type of Display Page	<input checked="" type="radio"/> property listing <input type="radio"/> search form <input type="radio"/> custom URL
Restrict Property Mode	ALL
Restrict Property Type	
Restrict Area	
Custom Setting	<input type="checkbox"/> where configured in your Kyero feed
Nav Display Order	<input type="text"/> 0 will be displayed first, 1 second, etc. (max is 99)
<input type="button" value="Add Now"/>	

Customising your kit

You can quickly and easily alter the appearance of the web kit by altering the following files:

- **includes/header.php:** This file writes the top of the page, including the logo. If you want to upload your own logo, you need to alter the HTML in this file.
- **includes/footer.php:** This file writes the bottom of every page, including the copyright notice and the Top of Page, Bookmark and Tell a Friend links (the text for these is in /translators/nav.php).
- **styles/standard.css:** This file controls the colours and styles of all table cells and all fonts in the site.
- **styles/print.css:** This file controls how pages are printed – it doesn't affect how they look on screen.

When altering **header.php** and **footer.php**, please note that these files contain the main table for all pages. If you alter this table, we recommend that you copy and paste the contents of both files into a new file for editing so that you can check that all table tags are opened and closed correctly. We have supplied a 780 by 50 pixel logo (images/logo.gif) which you can simply replace with your own logo graphic of the same size. If you wish to use a different size graphic, you need to change the WIDTH and HEIGHT attributes of the IMG tag in the header.php file.

Customising the search results

As well as customising the overall look and feel of the pages, you can also change the way the results are displayed, by changing the following variables in the top of **pages/EN/listProperties.php** (along with other versions of this page in the folders for any other languages you may have.):

- **\$ShortDescLength** (number) Limits the number of characters in the short description (on the listings page) for each property. By default it is set to 175 characters.
- **\$ResultsPerPage** (number) The number of results shown per page. By default it is 5.
- **\$OrderByPriceDesc** (True/False) Displays results with highest priced first. The default is lowest priced first.
- **\$PropertyTypesNav** (True/False) Inserts side nav menu of property types (to further narrow search results).

Variables which can be changed on all pages

The following variables can be set by copying and pasting the bits in bold to any page. All page variables should be set under the heading "Page Variables" at the top of each page.

- **\$HideHeading=true;** If this line appears in the page then the page title will not be displayed in <H1> tags.
- **\$PageAction="New";** This line re-sets all search parameters. It should be used on all non-search pages.

Creating New Pages

You can create as many additional pages as you like, using **pages/EN/TEMPLATE.php** (or the version of **TEMPLATE.php** which appears in other language folders) as a template. To add links to these pages to the header file, see **Nav Builder** below. You will need to set the variables listed below.

Variables which must be set on all pages

- **\$PageTitle** The title of the page. For example, **\$PageTitle="Home Page";**
- **\$PathModifier** The relative path to the home directory of the file Eg: **\$PathModifier="../..";**
- **\$LangID** For pages in English, this will be **\$LangID="EN";** for Spanish pages **\$LangID="ES";** etc.

Variables available on every page

Appendix B contains a list of variables which can be used on any page to display system-wide values. It is recommended that you use these rather than just typing, say, the company name as these variables contain the values in your Kyero.com account. Variables can be displayed in the following manner **<?php echo \$TOWN ?>**

The following functions are also available, for those who have some knowledge of PHP:

- **MakeLanguageLink(\$LangCode)** make URL for switching language.
- **DoTranslation(\$SearchArray)** lookup upon language specific word from a translator include file.
- **InsertQuickNav(\$PageMode,\$StartTags,\$EndTags)** inserts a set of admin-suite defined nav links.
- **InsertPropertyTypeNav(\$PageMode,\$StartTags,\$EndTags)** inserts a menu of links to property types.

Refer to the sample **header.php** and **footer.php** files supplied for examples of how to use these functions.

Translation Guide

If you would like to add additional languages to your site or change the stock text for the supplied languages (English and Spanish), you will need to do the follow the instructions below. **Please note that it is very important to delete either of the supplied languages from the admin suite if you do not require them.**

1. In **System Settings**, scroll down to where it says “New Language” at the bottom. Enter the details – put the language name in the first box and any two letter code in the second. Enter the other details in the new language.
2. Next go through each entry in the **Navigation Builder** and add link and page text for the new language.
3. Perform a **Kyero Synchronisation** to collect translated content from the details stored in your Kyero.com account.
4. In **includes/header.php** , find the language links. In the default document, these are marked with this line:

```
<!-- LANGUAGE MENU -->
```

You need to add the following line of code:

```
<?php echo "<TD><A HREF='',MakeLanguageLink('Two_letter_code '),"><IMG SRC='{\$PathModifier}images/flags/ image_name.gif ' WIDTH='30' HEIGHT='20' HSPACE='2' BORDER='0' ALT=' Language_Version '></A></TD>" ?>
```

Where **Two_letter_code** is the 2 letter code you entered in the system settings, **image_name.gif** is the name of the image of the flag for the new language, and **Language_Version** is the alt text for that flag (it is helpful for site visitors if you write either the language name, or “[language name] version”, for example “Versión español”). The kit is supplied with British, French, German, Italian, Spanish and US flags.

5. Create a new folder in **pages/** named with the two letter language code. Then copy and paste all files from **pages/EN** to that folder. Replace all occurrences of “EN” in those pages with your new two letter language code.
6. Finally you will need to translate all custom text in the pages (i.e. whatever text you have entered yourself). You will also need to add translations for the new language to all of the files in the folder named **translators**. To do this, add the following to the end of each line in that file:

```
",[two letter code]::[word]"
```

For example, this is what the first line in **translators/core.php** would look like if French is added to the system with the two letter code “FR”

```
$CoreTranslate00 = array("EN::For Sale","ES::Venta","FR::A Vendre");
```

Appendix A: Folder Structure

admin/	Contains all pages that make the admin suite – these are encrypted and cannot be edited.
images/	Place any images used in the design of your website in this folder (create subfolders if required).
flags/	A selection of common flags, useful when creating multilingual versions of your site.
includes/	Contains header, footer, and other reusable fragments of HTML.
ioncube	Contains runtime libraries required to decode the encrypted files.
modules/	Contains code libraries used throughout the site – these are encrypted and cannot be edited.
pages/	Contains subfolder of language specific pages that make up the website.
EN/	Contains all English pages.
ES/	Contains all Spanish pages (delete if not required).
scripts/	Contains external JavaScript code libraries.
styles/	Contains external CSS style sheets for the website and admin suite.
translators/	Contains code libraries used when translating commonly used words.
index.php	Redirects visitors to their correct language home page (can be replaced by an entrance or splash page if preferred).
setup.php	The kit configuration page – must be deleted after your kit is configured.

Appendix B: System-Wide Variables

\$FIRSTCURRENCY	The currency symbol for your primary currency in html entity format (eg “€” or “£”).
\$SECONDCURRENCY	The currency symbol for your second currency if you have one.
\$EXCHANGERATE	Rate used to calculate prices in secondary currency.
\$COMPANYNAME	Supplied by Kyero feed.
\$EMAIL	Main email address as supplied by Kyero feed.
\$TELNUM	Supplied by Kyero feed.
\$FAXNUM	Supplied by Kyero feed.
\$MOBNUM	Supplied by Kyero feed.
\$ADDR1	Supplied by Kyero feed.
\$ADDR2	Supplied by Kyero feed.
\$TOWN	Supplied by Kyero feed.
\$REGION	Supplied by Kyero feed.
\$POSTCODE	Supplied by Kyero feed.
\$COUNTRY	Supplied by Kyero feed.
\$SITENAME_[LANGID]	A single line of text that can be displayed in the web browser Title Bar (usually used in the header.php file).
\$SITEEMAILADDRESS_[LANGID]	Language specific contact email address; when supplied this is used in place of the \$EMAIL variable.
\$STRAPLINE_[LANGID]	A single line of text that can be used as a catchphrase throughout your site (usually used in the header.php file).
\$COMPANYINFO_[LANGID]	Language specific block of text which is placed at the bottom of the view property details page (useful for displaying corporate information to visitors that have entered the site on this page).

Appendix C: HTML Entities for Common Currency Symbols

Currency	HTML Entity
Euro	€
Pound	£
Dollar	\$
Yen	¥

Appendix D: Generating Your Property Data Feed on Kyero.com

1. Log in to your Kyero.com account: <http://www.kyero.com/account>
2. Click the **Account** tab at the top of the page
3. Click **Property feed** in the left-hand menu
4. If a feed has already been generated, you will see it at the top of the page. If not, click **Generate** to create one
5. If you wish to change the address of your feed or delete it, please open a support ticket: <http://support.kyero.com>

Appendix E: Licence Agreement

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