

Release 1.6

UHP2 Owners Manual

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Feature Guide

UHP2 is a component developed for the Joomla! Content Management System. It enables the creation of mini-sites which are displayed and managed within the Joomla environment.

UHP2 enables website owners to give their users the capability to create their own site with a variable number of pages but to also retain complete control over publishing if required. No special permissions are required for the users and they do not need access to the Joomla Administration system.

UHP2 users can manage their own site, complete with navigation and a selection of pre-built page types.

Page types currently include:		Standard html pages, free form, created with wysiwyg editor - very simple and completely flexible
		Contact pages, details like name, address, phone, email address, website - fixed format
		Standard RSS feeds, complete with caching
	Ø	Image Gallery pages, with slide shows, themes, auto thumbnail generation, watermarking and dynamic image display
	\square	Music pages, with artist details, song details, album details, lyrics, cover image and links to internal or external media
		Repository pages, with links to files and descriptions to allow file downloads
Other features:	$\overline{\checkmark}$	Subdomain/Username support ¹
		Template system to allow customising user output
		AJAX comments system
		User can choose a theme for their own site
		Context sensitive search integrated with Joomla search
		New User Wizard for fast site creation
	\square	Top level directory of all visible pages ordered by categories.
	V	Multiple site categories
		Simple User control panel and management menu
	\square	Full Artio/sh404sef support with custom sef extension to generate SEO links
	\checkmark	Automatic generation of menu for all pages, with manual

¹ Dependant on web host allowing mod_rewrite rules

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		reordering as necessary
	V	Pages can be worked upon until ready then published, or they can be automatically published when saved
	\square	Pages can be marked as private so they will only be visible to the owner and administrator
		A custom header and footer can be specified for their site by the user
		Page hits are recorded and displayed on each page.
		CSS can be customised for the UHP sites
		Full mambot processing can be enabled on all pages.
	V	Open architecture allows addons to be developed and deployed easily.
	Ø	Administrators have full control over the number of pages each user is allowed to create. They can also prevent pages from being visible until approved.
		Multi language support available
Additional	V	Featured/random site
modules		List of most popular pages
		Latest page updates
	V	Newest sites created
	Ø	Management module showing sites/pages awaiting approval and quick links to allow users to manage their sites
		Joomla search mambot
		Latest Comments
		Community Builder Plugin showing a link to the users site and quick links to allow users to manage their own sites
	$\overline{\checkmark}$	Artio Joomsef plugin





UHP2 is available in two editions:

Free	☑ Free of charge
	☑ 50 users
Plus	☑ licenced on a per website basis
	✓ unrestricted page settings
	✓ unrestricted site settings
	☑ option to remove default branding
	☑ add on licences at reduced cost

The Free edition is designed to allow smaller community sites to be able to offer this facility at no cost to their users. It can also be useful in a small workgroup or classroom environment.

The Plus edition allows much more flexibility as features like autoapprove can be used for automatic provisioning of user sites without the danger of error messages being produced.





Installation of UHP2

First Time install

UHP2 consists of a component, a number of modules and a mambot. There is also an optional Community builder Plugin.

UHP2 comes packaged in a single zip file which must be unzipped before use. Inside the main archive are a number of smaller zip files. These are the packages which should be installed via the Joomla installer.

The steps to follow are:

- 1. Unpack the file 'UHP2...zip' to a local directory.
- 2. Log in into Joomla Backend (using the URL 'http://joomla_url/administrator') to access the administrative interface.



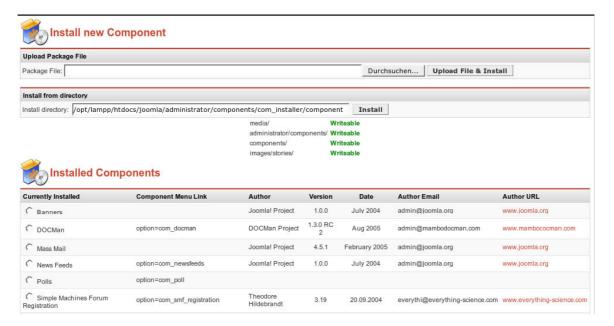
Backend Login Screen

You need to have the privileges of an Administrator / Superadministrator to install packages.





3. Click 'Installers' => 'Components' (or 'Components' => 'Install/Uninstall' when using an older version) in the Top Menu.



List of installed components

Caution

You must check if the directories listed above the component list are writeable! If the directories are not writable, use ftp or JoomlaXplorer to change the permissions. For proper installation, the directories should be set to 777, after that you can change back to 755.

In the part 'Upload new component' select the file 'com_uhp2...zip'. This is the package file which contains all files for the UHP2 Component, located on your computer (see Step 1).

Now click on 'Upload File & Install'. Depending on the network speed, you may have to wait a moment while the file is being uploaded to your server and unpacked.

Note

Package Files are mostly a ZIP or tar.gz compressed file directory, which includes all information for the installation. The main file is an XML document which describes the installation process. In order to use this function for your installation, your web server must support the zlib extension. You can check this in the Admin Section Menu item, System > System Info > System Information.

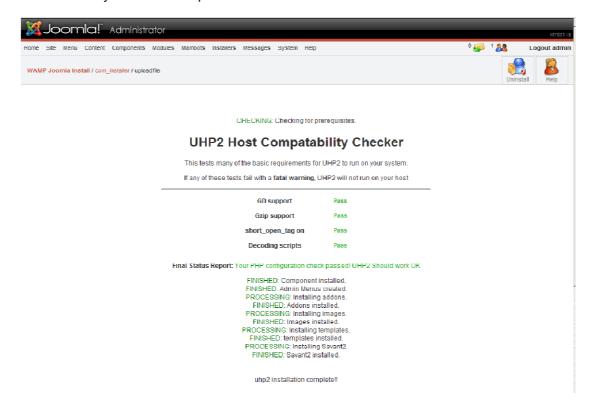
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On installation, a number of checks will be carried out to ensure that your installation is compatible with UHP2. Any errors or incompatibilities will be notified.



The UHP2 Component should be installed now.

Note

If there are any incompatibilities in your php configuration, these will be flagged and you will need to take further action for full functionality.

Follow the same procedure to install the modules and mambot.

Other plugins

UHP2 is supplied with other optional components:

- Community builder plugin: this plugin creates a CB tab with details of the users UHP2 site
 and links to all pages. The site owner also sees options to manage their own site.
- Artio JoomSef plugin: this plugin provides very nice search engine friendly URL's
- Sh404Sef plugin: this plugin provides very nice search engine friendly URL's²

These plugins should be installed using the appropriate products own plugin manager.

² The Sh404 plugin is installed automatically with the UHP2 component

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Optional 3rd party addons

To use the comments system it is <u>necessary</u> to install the **Xajax Mambot for Joomla**. This is available from our website for your convenience but is not supported by us.

For better media support you can install the **mgmediabot**. This is available from our website for your convenience but is not supported by us.

Upgrading UHP2

If you already have an installation of UHP2 and are upgrading to a new release, please check the Release notes, or in their absence follow these steps:

Before uninstalling the old release, make a copy of your uhp2_config.inc (located in the administrator/components/com_uhp2 directory.

Uninstall the component using the Joomla Installer and Install the new version as above

Apply the changes from your saved config and any template or css files to the new release.

Upgrading from UHP 1.0 to UHP2

When UHP2 is installed it will check to see if UHP1 is installed and if found, it will convert the UHP1 site to UHP2 automatically.

As there is no direct relationship between the versions the conversion is not 100% guaranteed, but it works satisfactorily in most cases.

Note

The existing UHP1 installation is not affected by the upgrade, no files are removed and they are copied as necessary to the UHP2 area.

Caution

The upgrade process from UHP1 will remove any UHP2 data from the database, so after conversion, please remove the UHP1 installation to prevent future loss of data.





Administering UHP2

Basic Configuration

UHP2 has a large number of configuration options to allow the Administrator to configure the site to their specific requirements.

Once UHP2 is installed, there will be some administration menu items created:

- Manage Sites
- Manage Comments
- Configuration
- Run Maintenance
- Compatibility Check
- Grant access to all users
- Help
- About

The configuration menu item is used to set various configuration options. Each option has a tooltip to explain it's use.

Most options are self explanatory but a short description follows:

General Configuration Options

- ☑ UHP2 Version with a link to purchase a licence
- ☑ Installed UHP2 licence key
- ☑ Joomla groups to allow site administration can be set. These are the groups that can approve pages if autoapproval is not set. N.b. members of these groups will also see all pages whether approved, published or private. Jacl+ groups are also supported.
- ☑ Joomla groups to allow site creation can be set. This allows a subset of users to be allowed to create sites. Jacl+ groups are also supported.
- ☑ Autoapproval of new user sites can be enabled to allow registered users to start setting up pages as soon as they register
- ☑ Autopublish for new or changed sites can be set
- ☑ Welcome text for new users can be customised
- ☑ Editor height and width can be set
- ☑ Email can be configured for events, e.g. new site created, page edited etc
- ☑ Event logging and debugging can be enabled





Page Editing Options

- ☑ Page editing can be disabled. This allows administrators to setup a mini site which has static information only visible to that user
- ☑ Page hit counting/display can be enabled or disabled
- ☑ The maximum number of pages that a user is allowed to create can be set³
- ☑ Autoapprove for new or changed pages can be set
- ☑ Autopublish for new or changed pages can be set
- ☑ Where pages are not autoapproved, page revisions can be set to allow the old page to remain visible. This means that users can work on pages without affecting their live sites.
- ☑ Maximum sizes for page header/footer can be set. This is the size in bytes
- ☑ Options to show Owner, Site Last Update and Page last Update
- ☑ A directory for custom templates can be set, this can be used to override standard templates. This directory will be searched first.
- ☑ A directory for page themes can be set. A user will be able to set their site to use any theme found in this directory.

Comments Options

- ☑ Comments can be disabled
- ☑ Autoapprove for comments can be set
- ☑ Autopublish for comments can be set
- ☑ You can allow users to approve comments
- ☑ Set the maximum number of posts per site per day(to prevent flooding)
- ☑ Set maximum comments size(characters).

Directory Options

- ✓ Number of user sites to be listed per directory page³ Pagination will be provided if there are more sites.
- ☑ Options on how username is displayed
- ☑ Title to be displayed on the directory page
- ☑ Description of directory

³ Plus version only





		Allow limiting the size of the directory description
	☑	Site categories to allow users to choose from, this is a comma separated list
	☑	Enable the search form on the directory pages
	☑	Disable listing of sites with no pages
	\square	Specify the directory where site thumbnails will be stored
	Ø	Enable the Control Panel on the directory pages. By default the control panel is shown on all uhp2 pages when the user is logged in.
Comment	V	Enable/disable comments
Options	V	Autopublish/Autoapprove comments
		Allow site owners to approve comments
	Ø	Allow limiting the maximum number of comments which can be posted to a page per day by one user(to prevent spamming)
	V	Limit comment size
Addons General Options	Ø	Enable this addon to allow users to create pages of this type
		Enable mambot processing for this addon
Standard Page addon Options	Ø	Maximum page size can be set. Users will not be allowed to create pages with more text than this limit (html will be stripped before checking size)
Contact page addon Options	V	No specific options
RSS page addon Options	☑	Maximum number of RSS feeds per page ³
Options	☑	Maximum number of items to display for each RSS feed
		Maximum size of RSS feed description
Gallery page addon Options	Ø	Base directory for images to be stored. Each user will have a directory created below this.
	☑	Maximum number of images per page ³
	☑	Maximum size of image file which can be uploaded
	V	Maximum width of images, any images larger than this





		will be resized
	Ø	Maximum height of images, any images larger than this will be resized
	☑	Maximum thumbnail width to be created
	V	Maximum thumbnail height to be created
Music page addon Options	☑	Option to use the mgmediabot for playing music files
	☑	Base directory for images and music files to be stored. Each user will have a directory created below this.
	☑	Maximum number of entries per page ³
		Maximum size of audio file which can be uploaded
	☑	Maximum width of images, any images larger than this will be resized
	Ø	Maximum height of images, any images larger than this will be resized
Repository page	4	Base directory for files to be stored. Each user will have a

- Base directory for files to be stored. Each user will have a directory created below this.
- \square Maximum number of entries per page³
- ☑ Maximum size of file which can be uploaded
- oxdot File extensions to allow, this is a comma separated list

All configuration items come with Tooltips which explain their use.





Creation of menu item for front end

Before UHP2 can be used, a menu needs to be created in the Joomla frontend.

Create a standard Joomla menu item in the menu of your choice.

Choose **Component** as the type of menu, and select the UHP2 component from the list of components.

If you want the UHP2 directory to be your home page, make the UHP2 menu item the 1st menu item.

Further configuration

If the default UHP2 configuration is used, the administrator does not need to take any further action.

Users will have their site created automatically the first time they access UHP2. Any pages they create will be automatically approved and be visible.

This may be acceptable for some sites, but others may wish to exercise some control over their users.

Turning off autoapproval means that the administrator needs to approve pages and sites.

If you remember, the admin menu options were:

- Manage Sites
- Manage Comments
- Configuration
- Run Maintenance
- Compatibility Check
- Grant access to all users
- Help
- About

In this case, users can be manually given access to UHP2 using the Manage Sites option. This allows manual creation, editing and approval of sites and pages.

Alternatively, Grant access to all users will create a basic site for all users, but pages will still need to be approved.

It is also possible to use autoapproval for sites but not pages, and vice versa.

Where pages need to be approved, this can be carried out by the administrator from either the frontend or backend.





Maintaining UHP2

In order to make updates to the UHP2 site fast and easy to manage, certain actions result in old files or data items being orphaned. As users are deleted from the Joomla site these are not reflected in the UHP2 database tables.

Running periodic maintenance will tidy this up and save space and improve access time.

If you remember, the admin menu options were:

- Manage Sites
- Manage Comments
- Configuration
- Run Maintenance
- Compatibility Check
- Grant access to all users
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The run maintenance option will walk thru the database and file system ensuring integrity between them, deleting sites and pages where the user no longer exists and removing files which are no longer used in pages.





Using UHP2

Once UHP2 is installed and a frontend menu item is created, it is ready for users to start creating their sites.

We would recommend installing the manager module as this makes site management much easier for the end user.

When a user accesses UHP2 for the first time, either via the directory page, via the manager module or from the Community Builder plugin, they will see a "1st time" page. This can be customised to allow information and instructions to be displayed.

Once this page is displayed, the basic user site has been created, but no pages have been setup yet.

To create pages, the user should click on the icon below the "1st time" text, they should now see their control panel displayed which will allow them to customise their site settings or create pages.

Site Settings



Each site can have a title, custom header, footer and a short description which will be displayed in the sites directory.

It is now possible to upload an image which will be displayed with the site details in the directory. This can also be shown in the featured sites module.

Users can now select from a list of themes provided to change the look and feel of their site.

To change these settings, click on the settings button in the control panel, or the settings link in the manager module.

Creating Pages

The control panel should also show a Create page button with a drop down list of page types below.

Creating pages is very intuitive, just choose the page type and complete the appropriate fields. Save the page and if all the default configuration options are set, the page will be visible via the directory.

Up to 5 pages can be created using the free version of UHP2, the plus version is only restricted by administrator controlled configuration settings.

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Managing Pages



The control panel has an option to Manage pages. This allows editing, deletion publishing etc of pages.

For each page, a graphic identifying the page type along with the menu and page title is displayed.

It is also possible to specify the order pages will appear in the menu.

Pages can be deleted, edited viewed, published or made private. Approval can only be changed by users in a group designated as administrators.

Approving Pages

Where an administrator has autoapproval switched off, any new pages or changes to existing pages will result in the page becoming unapproved and invisible to other users. Unapproved pages will always be visible to the owner of the page or to administrators. Unapproved pages will have their menu coloured red.

If the Revision configuration option is set, when a page is modified, the original page will not be changed, but a new page with the changes will be created. When this updated page is approved, the original page will be deleted and the updated page will be visible.





Customising UHP2

Custom UHP2 template

UHP2 version 1.2 and above allows the site administrator much more flexibility in the way that the user sites are displayed. This is achieved by the use of the Savant template system.

Each page is made up of a number of components, e.g. Page menu, header, footer etc. Each of these has a corresponding template.

An administrator can provide their own version of any or all of the UHP2 templates and these will be used instead of the UHP2 supplied template.

The administrator can also provide a customised version of the uhp2.css file which can be used.

These templates are a mixture of HTML and simple php statements. It is possible to edit the template to change the output format, or even to prevent some data from being displayed.

Custom templates can be stored anywhere on the web site, The location should be entered in the UHP2 configuration page.

Where no output is required, then the file should be created but left blank. E.g. if you do not wish to display a graphic on the directory page, you could either edit the directory_listing.tpl template so that it does not include the site logo.tpl file, or edit the site logo.tpl file to remove the image display.

User selectable site Themes

Administrators can now make multiple themes available for users to choose their own site theme.

The theme directory can be specified via the uhp2 configuration. Any themes stored in this directory can be set by users via their site settings.

There are a number of themes supplied with UHP2 in the uhp2themes.zip file, but these are not installed by default. Currently they need to be uploaded manually.

Themes are just templates as described above, but specifically for user sites. Page format and css can be changed, any variables can be omitted or additional data added.

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Creating custom page classes

UHP2 allows the creation of custom page classes which will be called by the main uhp2 class as required.

The contact page class located in the pageclasses directory can be used as an example. There is a corresponding template in the templates area.

Caution

If you place any files with a .php extension in the pageclasses directory, these will be assumed to be UHP2 page classes and could generate errors if they do not contain the correct syntax.

Most of the UHP2 page navigation e.g. menus, headers, footers etc are generated by the main uhp2 classes, but page specific functions are called from the UHP2 system in certain situations. e.g. when viewing a custom page type, then the custom view function within the page class is called to generate the main page body content.

The custom page class should update a global variable called \$tpl which contains all of the UHP2 data for the page. Additional fields can be created as required to be used by the template.

Standard fields created by uhp2 are shown in the table below.

uhp2_version	Version of uhp2 running
sitetitle	Title of website as specified in site settings
header	Site header as specified in site settings
footer	Site footer as specified in site settings
menu	Array of menu items to generate site menu
menutitle	Menu title for this page
pagetitle	Title of this page
lastupdate	Last time page was updated
hits	Number of page views
pagetype	pagetype number
template	Name of template used to view page
lastpageupdated	Last time the site was updated

Javascript validation, search facilities and admin integration are all available for custom page classes.





Special Configurations

www.site.com/username

UHP2 sites have the capability to be accessed thru a friendly url, similar to Myspace etc. on certain web server configurations.

This is not a function of UHP2 - it is actually achieved by the use of special URL rewriting rules, similar to how SEF url's are generated.

At the moment only Apache rewriting examples are provided, but our forum has examples of other web server configs.

The UHP2 distribution comes with a sample .htaccess file(htaccess.uhp2.txt) which can be used on Joomla sites with only minor changes.

The .htaccess files should be placed in the Joomla root directory.

The main entries to achieve the effect are shown below:

######### Begin - UHP2 Rewrite rules for www.site.com/username RewriteCond %{REQUEST FILENAME} !-f RewriteCond %{REQUEST FILENAME} !-d

RewriteRule ^([^/]+)/?\$ index.php?option=com_uhp2&task=viewpage&username=\$1&Itemid=nn [L]

############ End - UHP2 Rewrite rules

The example .htaccess files shows the position of these lines in the Joomla .htaccess file. These lines can be inserted in an existing .htaccess or the supplied UHP2 file can be used by renaming it to .htaccess and placing it in the Joomla directory.

You must change the Itemid above to reflect the Itemid of your UHP2 menu item.

Caution

If the UHP2 .htaccess file is used the following line may need to be changed:

#RewriteBase /Joomla

To reflect the location of your Joomla site. Failing to change this may break your site.

Note

This feature is provided for convenience only; it may not be available or work correctly with your web hosting. It may also be incompatible with other components e.g. SEF. In this case you may not be able to use this facility.

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Frequently Asked Questions

For the most up to date information, and to use our forum, knowledge base and ticket system, please visit our website at www.ravenswoodit.co.uk

General

Where do I download UHP2

You can download UHP2 component, modules, mambots and addons from our main website at: www.ravenswoodit.co.uk

Is Language support included

Yes, you can translate UHP2 into the language of your choice, there are also some languages available already from our download site. Joomfish is not supported.

Can I change the output format

Most of the frontend can be customised by modifying templates and css files, the only exception is the data entry and admin areas.

How do I use the www.site.com/username facility

Instructions are available in the UHP2 user manual available from our download area.

I get "You are not authorised to view this page"

This happens on older versions of UHP2 if there is no UHP2 menu item, or there are multiple UHP2 menu items and some are unpublished. It can also happen when there are menu items in trash - remove any unused UHP2 menu items.

I am getting lots of garbage on the screen when I try to run UHP2

Some webhosts are incompatible with the encoding used for the main UHP2 classes. For those hosts it will be necessary to use the IonCube encoded versions of the files which are supplied with UHP2.

In this case you must take some additional action to install the IonCube encoded files

- Look for the ioncube.zip file in the UHP2 administrator directory.
- Extract the file and copy the uhp2.class.php file to administrator/components/com_uhp2
- Copy the contents of the pageclasses directory to /components/com_uhp2/pageclasses

How do I remove the UHP2 logo from the directory page

You can remove the logo or replace it with your own by editing the site_logo.tpl file in the templates directory.

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n.b. Don't just remove this file, if you don't want a logo at all, just blank out the contents of the file and save it.

Licensing

Is the Free version different from the commercial version

No - the code is exactly the same. There are some restrictions in the free version which are removed by purchasing a licence key.

Do I need to reinstall when upgrading to the paid for version of UHP2

No, when you buy a licence for UHP2 it is just applied to your existing installation via the UHP2 Admin Configuration page. This removes the restrictions of the free version; your site content is not affected.

How do I remove the copyright footer

If you wish to remove the copyright footer you need to buy a Copyright Free UHP2 licence. The standard licence removes the "Free Version" text from the footer but the copyright notice and the link to our website will remain.

I bought a licence but your logo still appears on the directory page

The licence does not remove the site logo; please see the FAQ on how to remove the UHP2 logo.

Do I need a licence for every site

Yes, UHP2 is licensed per web site, our definition of a website is based on the url, so for example:

To licence www.mysite.com and www.yoursite.com you would need two licences.

Equally for www.sitea.mysite.com and www.siteb.mysite.com you would need two licences.

I bought a licence but I haven't received it

Check your spam folders on your PC or your ISP. Licences should be delivered immediately unless you have paid by eCheque, in that case they will be delivered when the eCheque clears (normally 7-10days)

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