

Joomla/Mambo Community Builder

Version 1.1

Installation Guide



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1 Introduction

This document describes the basic functionality and key features of the Joomla/Mambo Community Builder suite along with the basic steps a Joomla/Mambo website administrator should take to install the component and supporting modules. Throughout this document the use of CB will be used to denote the Community Builder.

1.1 What's it all about

CB is a Joomla/Mambo component, which along with three additional modules and user list functionality, integrates with the Joomla/Mambo CMS extending its functionality. This extended functionality replaces and augments existing features of the default Joomla/Mambo installation in order to facilitate the creation and management of an online community on a Joomla/Mambo driven website.

The default Joomla/Mambo CMS user registration system does not provide the functionality necessary to properly support the creation and maintenance of an online community. The CB suite attempts (and hopefully succeeds) to address these matters and provides the basic building blocks to allow the Joomla/Mambo CMS administrators (and moderators) to attract, manage and increase their specific online community.

The current feature list of the CB suite, which is addressed in this document, includes:

- Ability to define additional fields associated with user profiles that are organized using tabs. Field definitions also allow pop-up tool-tip like help messages to be specified in order to assist front-end users during field completion.
- Tabs can be assigned/restricted to Joomla/Mambo ACL groups.
- Tab template system available for tab presentation. Four predefined templates included. Ability to create your own tab template. Tab templates have their own css file (all tab templates share one css file).
- Ability to include one or more of five predefined tab component plugins. The currently available plugins are: Author tab, Forum tab (Fireboard/SimpleBoard/JoomlaBoard), Blog tab (Mamboblog), Connections tab and Newsletter tab (Yanc). In addition to the bundled plugins a number of CB Core Team plugins have been released. New plugins can be released at a later time (by CB Core Team and 3PDs – see download area of JoomlaPoliS) and installed.

- Twelve field types supported: checkbox, date, dropdown, Email Address, Editor Text Area, Text Area, Text Field, Radio Button, Web Address, multi-select dropdown, multi-select checkbox and fields delimiter.
- Ability to specify whether a field is optional or required, publicly viewable or not, required during registration or not.
- Specification of which Joomla/Mambo User Groups are permitted to view other user profiles.
- Avatar gallery support along with the ability to allow users to upload their own image (to be displayed in their profile). Image moderation supported. Image resizing support via GD1, GD2, Imagemagick, NetPBM server installed applications.
- Extensive and flexible, fully configurable, registration process using a combination of email confirmation functionality, “Terms of Acceptance” verification, moderator notification email messages, personalized applicant pending approval and welcome email messages. Ability to integrate CB defined field data in workflow email messages. Registration introductory html/text and registration conclusion html/text data may also be specified.
- Ability to delegate specific registration approval and maintenance (image upload approval, banning of offensive profiles from public display) activities to moderators via a front-end access module.
- Creation of user specific lists based on CB fields (e.g., directory listing, etc). Up to four columns may be specified for each list. Each column may contain one or more field values. List sorting options may be specified. A filter may also be placed on a list by either using the basic filter constructor tool or populating the expert filter field (**WHERE** clause of the list SQL select statement). Specific list group access rights may be specified.
- Private message system integration. UddeIM, JIM, Enhanced PMS, MyPM II (free version) and Professional version currently supported. New systems may be supported via plugin API framework (see JoomlaLopolis forums for 3PD plugins for other PMS components, e.g., MISSUS).
- All field values and parameters may accept `_UE_` language strings.
- Language support via plugin framework (many language plugins have already been released).

1.2 Document Outline

The topics discussed cover the proper CB component installation, modules installation and the initial setup of these within the Joomla/Mambo environment.

1.3 Acknowledgements, Credits and Copyrights

Any documentation that does not acknowledge the efforts of the development team and the community involved isn't worth the paper it's printed on (or the KB it occupies). The driving source and the heart-beat of CB is (of course) JoomlaJoe (aka mambojoe). Additional support is provided by trail, beat, and petermixt. The author of this document, Nick A. (aka nant), having evaluated CB has created this installation guide to assist Joomla/Mambo newbies. Special mention must be made to the numerous community members that have helped out during the various development phases of the project.

The component and modules of the CB suite are released under GPL with the following clause:

All copyright statements must be kept. Derivate work must prominently duly acknowledge original work and include visible online links.

This document is not released under GPL and no reproduction or distribution may take place without the author's permission.

1.4 CMS Compatibility

Version 1.1 of CB is compatible with Mambo versions 4.5.2.0 up to 4.6.2 and also with Joomla 1.0.x. and Joomla 1.5 RC1. Please study the README.txt file included in the distribution package – it contains the latest compatibility notes regarding CB and various CMS systems.

2 Installation

This chapter describes the initial steps an administrator of a Joomla/Mambo driven website should take to correctly install the CB suite. At this point the document describes all steps necessary to correctly install the CB suite without paying any specific attention to additional configuration options.

The installation instructions provided in this document refer and target first time (or clean) Community Builder installations. For upgrade instructions you should study the README.txt file located in the distribution package.

2.1 Distribution

The distribution package of the CB 1.1 is a compressed zip file comprised of the following:

- ***comprofiler.zip***
This contains the installation package of the CB component.
- ***cblogin.zip***
This is the module package that will be used to substitute the default Joomla/Mambo Login module.
- ***mod_comprofileronline.zip***
This is the module package that displays online members.
- ***mod_comprofilermoderator.zip***
This is the moderation package used to support the delegation of registration approval tasks to moderators.
- ***cb_expert_files_only.tar.gz***
This compressed file contains 3 folder hierarchies that can be used to upgrade previous installations without uninstalling previous versions. Should be used only by expert users closely following detailed instructions in README.txt file (included in distribution package). Expert method upgrading also needs direct database modification via PhpmyAdmin applicable SQL scripts (see README.txt).

- **README.txt**

The traditional text file that contains condensed information regarding the distribution, functionality, and quick installation instructions. Always a good idea to read this file before starting any installation process. The Readme file also contains up to date upgrade guidelines.

The latest distribution package may be downloaded either from the www.joomlapolis.com website or the project's page at http://joomlancode.org/gf/project/c_b/ .

Additional add-ons in the form of language or user plug-in packages may also be downloaded from the previous sites.

2.2 CB Component

The CB component (as any Joomla/Mambo component) is installed in one of the following two ways:

First you must unzip the CB suite package in order to produce the five files (six with the README.txt file) described in chapter 2.1 and then complete one of the following steps:

- Via the Administration panel using the **Components**→**Install/Uninstall** selection followed by the specification of the location of the **comprofiler.zip** file on your local hard-drive via the **Browse...** button and then clicking on the **Upload File & Install** button
- If you want (for whatever reason) you may manually unzip the **comprofiler.zip** file and upload via FTP the resulting **comprofiler** folder (along with all its contents and structure) to your website folder:

```
{websitestructure}\administrator\components\com_installer\component
```

and then make sure that the **Install directory:** field contains

```
{websitestructure}\administrator\components\com_installer\component\comprofiler
```

before you click on the **Install** button.

If all complete properly (on a clean install) you should see a screen similar to the one outlined in the following figure.



Copyright 2004 - 2007 MamboJoe/JoomlaJoe, Beat and CB team on joomlapolis.com . This component is released under the GNU/GPL version 2 License and parts under Community Builder Free License. All copyright statements must be kept. Derivate work must prominently duly acknowledge original work and include visible online links. Official site: www.joomlapolis.com

Installation Process:

```
Start correcting icons in administration backend.  
FINISHED: Image of menu entry 0 has been corrected.  
FINISHED: Image of menu entry 1 has been corrected.  
FINISHED: Image of menu entry 2 has been corrected.  
FINISHED: Image of menu entry 3 has been corrected.  
FINISHED: Image of menu entry 4 has been corrected.  
FINISHED: Image of menu entry 5 has been corrected.  
1.0 Beta 4 to 1.0 RC 1 Upgrade Applied Successfully!  
1.0 RC 1 to 1.0 RC 2 part 1 Upgrade Applied Successfully!  
1.0 RC 1 to 1.0 RC 2 part 2 Upgrade Applied Successfully!  
1.0 RC 1 to 1.0 RC 2 part 3 Upgrade Applied Successfully!  
1.0 RC 2, 1.0 and 1.0.1 to 1.0.2 Upgrade Applied Successfully!  
1.0.2 to 1.1 beta 2 Upgrade Applied Successfully!
```

```
C:/dev/xampp/htdocs/cb11/images/comprofiler/ Successfully added!  
C:/dev/xampp/htdocs/cb11/images/comprofiler/gallery/ Successfully added!  
airplane.gif Successfully added to the gallery!  
ball.gif Successfully added to the gallery!  
butterfly.gif Successfully added to the gallery!  
car.gif Successfully added to the gallery!  
dog.gif Successfully added to the gallery!  
duck.gif Successfully added to the gallery!  
fish.gif Successfully added to the gallery!  
frog.gif Successfully added to the gallery!  
guitar.gif Successfully added to the gallery!  
kick.gif Successfully added to the gallery!  
pinkflower.gif Successfully added to the gallery!  
redflower.gif Successfully added to the gallery!  
skater.gif Successfully added to the gallery!  
index.html Successfully added to the gallery!  
Installation finished. Important: Please read README.TXT and manual for further settings.
```



Upload component - Success

comprofiler

Joomla/Mambo Community Builder 1.1 beta 5 for Joomla! 1.0, 1.5 RC1 and Mambo 4.5.2 - 4.6.2.

[[Continue ...](#)]

Figure 1: CB Component Installation Messages

After pressing the [\[Continue ...\]](#) link you will see the Community Builder as an active component in the Installed Components area of your Joomla/Mambo Administration Panel. You will also be able to see a new item entitled **Community Builder** in the **Components** drop down menu of the Administrator panel of your Mambo driven website. This Community Builder menu item has seven sub-menu items:

- User Management
- Tab Management

- Field Management
- List Management
- Plugin Management
- Tools
- Configuration

This is also illustrated in the following figure.



Figure 2: CB Component Backend Menu Tree

Hopefully, your chosen installation method will complete properly. If not please refer to chapter 3 entitled **Support** for additional guidance.

2.3 CB Login Module

The **CB login** module (which is ultimately going to replace the default Joomla/Mambo Login module) is installed via the **cblogin.zip** file using the standard Joomla/Mambo module installation procedure. Either Package File or manual upload and Install Directory methods can be used. We will focus on the package file method.

- Via the Administration panel using the **Modules**→**Install/Uninstall** selection followed by the specification of the location of the **cblogin.zip** file on your local hard-drive using the **Browse...** button and then by clicking on the **Upload File & Install** button.

Hopefully, your chosen installation method will complete properly and you will see something similar to the following figure.

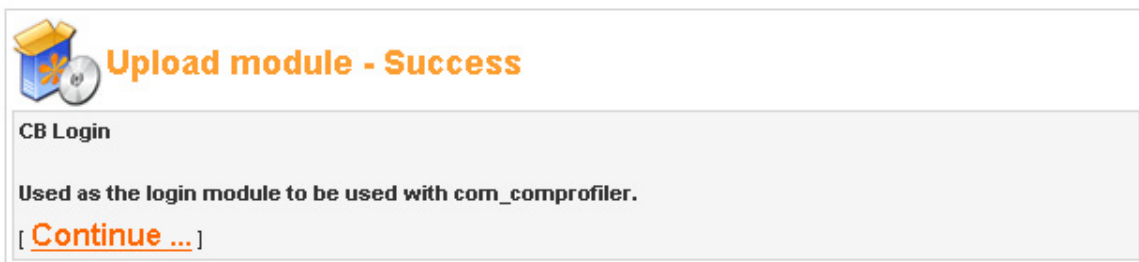


Figure 3: CB Login Module Installation

If the installation completes properly, you should be able to see the **mod_cblogin** in the installed modules area of your Joomla/Mambo Administration panel.

If not please refer to chapter **3** entitled **Support** for additional guidance.

Please note that at this time the module is inactive (see how to activate in chapter **2.8**).

CSS Note: The **mod_cblogin** module supports the **login** class for the styling of the login module URL links.

Specifically **a.mod_login:link**, **a.mod_login:visited** and **a.mod_login:hover** included in your active template's **.css** file will be applicable in the links of this module (Forgotten password, create on, logout).

2.4 Moderation Module

The CB moderation module is an optional module (which should definitely be installed if you want to delegate the administrative registration approval tasks to moderators) that may be installed via the **mod_comprofilermoderator.zip** file using the standard Joomla/Mambo module installation procedure. Either Package File or manual upload and

Install Directory methods can be used. We will focus on the package file method.

- Via the Administration panel using the **Modules**→**Install/Uninstall** selection followed by the specification of the location of the *mod_comprofilermoderator.zip* file on your local hard-drive by using the **Browse...** button and then by selecting the **Upload File & Install** button

Hopefully, your chosen installation method will complete properly and you will see a screen similar to the one illustrated in the following figure.

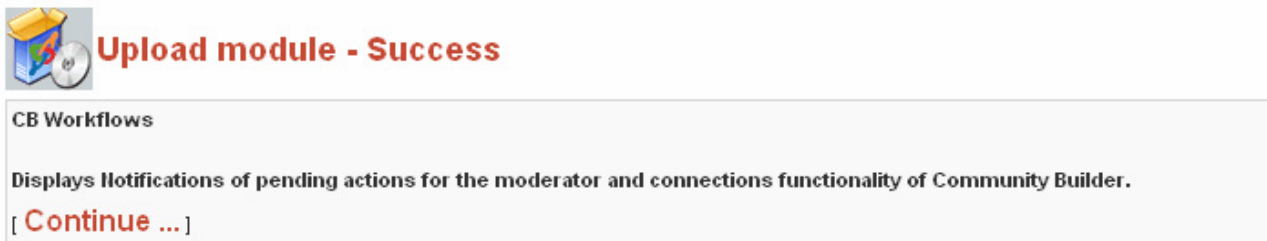


Figure 4: CB Moderator Module Installation

If the installation completes properly, you should be able to see the **mod_comprofilermoderator** in the installed modules area of your Joomla/Mambo Administration panel. If not please refer to chapter 3 entitled Support for additional guidance.

Please note that at this time the module is inactive (see how to activate it in chapter 2.9).

2.5 CB Online Module

The CB Online module is an optional module that may be installed via the *mod_comprofileronline.zip* file using the standard Joomla/Mambo module installation procedure. Either Package File or manual upload and Install Directory methods can be used.

2.6 CB User List Link

Add a new User Menu item named CB User List as a URL pointing to:

```
index.php?option=com_comprofiler&task=usersList
```

This will eventually support the searchable user list functionality which is configured via the List Management backend menu item. The actual menu item backend setup screen should look something like the following figure.

The screenshot shows the Joomla! menu item configuration interface. The title is "Edit Menu Item :: Link - URL". The interface is divided into two main sections: "Details" and "Parameters".

Details Section:

- Name:** CB LISTS
- Link:** index.php?option=com_comprofiler&task=usersList
- On Click, Open in:** A dropdown menu is open, showing options: "Parent Window With Browser Navigation" (selected), "New Window With Browser Navigation", and "New Window Without Browser Navigation".
- Parent Item:** A list box is open, showing a menu structure: "Top", "Home", "Joomla! License", "News", "Blog", "Links", "Contact Us", "Search", "News Feeds", and "FAQs".
- Ordering:** 11 (CB LISTS)
- Access Level:** A dropdown menu is open, showing options: "Public" (selected), "Registered", and "Special".
- Published:** Radio buttons for "No" and "Yes" (selected).

Parameters Section:

- Menu Image:** - Do Not Use -

Figure 5: Menu Item for CB Lists

The CB LISTS menu item can be set to Public access level (to support public access to CB Lists that have been so configured) or to Registered access level.

2.7 Adding the CB Profile

The CB component has been successfully installed as described in chapter 2.2. We must add the **CB Profile** item in the **User Menu** (for registered Users) and deactivate the original Joomla/Mambo User Details item from the same User Menu.

To add the CB Profile item to the User Menu we must take the following steps:

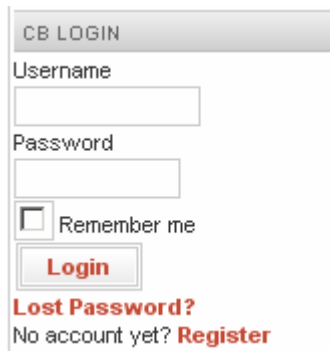
- Select **Menu → User Menu** from your Joomla/Mambo website administration panel
- Select the **New** Item button and you will see the **Details TAB** of the **Add Menu Item :: Component** panel
- Choose **Component** from the **Select a Component to Add:** item list then press the **Next** button
- Select the **Community Builder** item from the **Component:** list
- Populate the **Name:** field with CB Details
- Select **Top** from the drop down list of the **Parent Item:** field
- Select **Registered** from the drop down list of the **Access:** field
- Select the **Yes** radio button for the value of the **Published:** field
- Click on the **Save** icon

Completing the above steps will result in the appearance of a new menu item named **CB Details** under the **User menu** of your Joomla/Mambo driven website. The new item is placed by default in the last position of the **User menu** but you may change its position by clicking on the up arrow in the reorder column in the **Menu → User Menu** admin panel.

2.8 Activating the CB Login Module

Now that we have successfully installed the components of the CB suite we can continue with the basic configuration by activating the **CB Login** module and deactivating the Joomla/Mambo Login module and the Mambo Logout module. This is accomplished by accessing the Site Module Manager from the Joomla/Mambo Administration panel and selecting the **Modules → Site Modules** menu item. Make sure to verify that the **CB Login** module set for **Public Access** viewing. You may of course use the **↑↓** arrow buttons to reorder the positioning of this new module. To deactivate the **mod_login** module (this is the default login module provided with Mambo) find it in the installed modules and **Unpublish** it.

Once successfully activated the CB Login module should appear on your website homepage as illustrated in the following figure.



The image shows a login form titled "CB LOGIN". It contains two input fields: "Username" and "Password". Below the password field is a checkbox labeled "Remember me". A "Login" button is positioned below the checkbox. At the bottom of the form, there are two links: "Lost Password?" and "No account yet? Register".

Figure 6: CB Login Module

Note: Once CB is in operation the default Joomla/Mambo Site User Manager menu items from the administration panel should no longer be used (or at least it should be used with extreme caution since it may desynchronize the original CMS user table with the CB user table). Using this will cause problems.

2.9 Activating the CB Workflows Module

If we have chosen to take advantage of the moderation features of the CB suite or if you just want to show connection workflow pending activities for users we must activate the **mod_comprofilermoderator** module. Publish the **mod_comprofilermoderator** module (default title CB Workflows) by accessing the **Modules→Site Modules** and clicking on the **Publish** icon having first selected (via the check box) the specific module line. The CB Workflows Module contains notification links supporting the connections feature as well as links to support the handling (moderation) of various items that need manual approval by authorized moderators (e.g., image uploads, new members, reports, etc). Make sure to verify that the **CB Workflows** module set for **Registered Access** viewing.

Once we have successfully performed the activities outlined above a logged in user will be able to see the **CB Workflows** module as illustrated in the following figure.

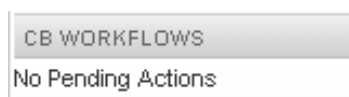


Figure 7: CB Workflows Module

3 Support

If your CB experience is unsuccessful in any way or you feel that something is wrong and should be fixed or you want to express the need for a new feature or enhancement or just want to express your gratitude for this suite please take the time and visit us at the www.joomlapolis.com website. A forum is maintained and monitored by the development team and many expert CB users are always lending a hand. This website also contains additional modules and plugins that have been developed by other CB users throughout the world. In any case, requesting a helping hand is a good idea and the CB users worldwide are a very nice bunch always willing to assist.

4 Detailed Documentation

The CB Team has also created a more detailed document entitled “Community Builder 1.1 – Detailed Guide”. This document provides additional information regarding the parameterization and usage of the Community Builder suite. This additional document is provided on a paid subscription basis (donations are used towards development expenses, hosting hosts, development tools, etc). The detailed documentation contains over 140+ pages of Community Builder specifics. Information about this service is available at <http://www.joomlapolis.com/content/view/140/37/> .

5 Conclusions

Having spent some time reviewing the Community Builder suite in order to document it (and use it of course) I must conclude that it is an excellent opensource effort that truly provides the Joomla/Mambo Community (no pun intended) with a set of very much needed functionalities. Hopefully, all of you who have taken the time to read this will agree with this comment and visit us at www.joomlapolis.com and share your thoughts with the rest of the Community Builder community and (why not) contribute to the cause by donating money or effort to the project. Joomlapolis is also a major reference site for the Community Builder suite and it committed to showcase its functionality.