

Weeble File Manager

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Installation

Requirements

- A web server.
- [php4](#) with the following modules:
 - ◆ ftp
 - ◆ mcrypt (optional)
- Settings required in php.ini
 - ◆ register_globals=on

- ◆ file_uploads=on
- ftp server
 - ◆ CHMOD support by the ftp server is required for the changing of permissions to work.

Unpacking the files

Extract the weblefm tar archive to a folder that is accessible to your web server. For example:

```
cd /usr/local/www/data/  
tar -zxvf /path/to/weblefm-1.1.tar.gz
```

This will create a folder called "weblefm" where the files are stored, you may rename this if you choose to. Using the above example, the files would be located in:

```
/usr/local/www/data/weblefm/
```

Configuration

To configure the Weeble File Manager, open the `settings.php` file in your favorite editor.

For a quick setup, all of the options are documented in that file. More detailed descriptions of what the options are, and their possible settings, can be found later on in this documentation.

*The only setting that you **must** set before WeebleFM will work is the `$ftp_Servers` variable.*

Usage

Once `settings.php` has been edited to your liking, simply open your web browser and point it to where ever WeebleFM resides on your server. In the above example, we would direct our browser to `http://www.webserver.dom/weblefm/`

Documentation

Introduction

What is Weeble File Manager?

WeebleFM is a web-based file manager based on php4 and ftp. Our intention is to create an OS independent file manager. While based upon FTP, WeebleFM is not limited to ftp, and we are working to create a full feature file manager.

How do I install it?

See the [Installation](#) section at the top of this document.

Layout

Username:	<input type="text" value="username"/>
Password:	<input type="password" value="....."/>
Server:	<input type="text" value="Local FTP Server"/> ▾
<input type="button" value="Login"/> <input type="button" value="Reset"/>	
<input checked="" type="checkbox"/> Remember Me	
Remove Login Cookie	

Login Window

Weeble File Manager		Logout Preferences Help [html/pdf]															
cjm2 @ Local FTP Server Current Directory: <input type="text" value="/tmp/test"/> <input type="button" value="CD"/>																	
<div> <input type="radio"/> . (home directory) <input type="radio"/> .. (up one directory) </div> <table border="1"> <tr> <td><input type="radio"/> Example Directory</td> <td>cjm2:wheel</td> <td>Apr 13 11:52</td> <td>512 B</td> <td>drwxr-xr-x</td> </tr> <tr> <td><input type="radio"/> Example File.txt</td> <td>cjm2:wheel</td> <td>Apr 13 11:53</td> <td>0 B</td> <td>-rw-r--r--</td> </tr> <tr> <td><input type="radio"/> Example File.zip</td> <td>cjm2:wheel</td> <td>Apr 13 11:52</td> <td>0 B</td> <td>-rw-r--r--</td> </tr> </table>			<input type="radio"/> Example Directory	cjm2:wheel	Apr 13 11:52	512 B	drwxr-xr-x	<input type="radio"/> Example File.txt	cjm2:wheel	Apr 13 11:53	0 B	-rw-r--r--	<input type="radio"/> Example File.zip	cjm2:wheel	Apr 13 11:52	0 B	-rw-r--r--
<input type="radio"/> Example Directory	cjm2:wheel	Apr 13 11:52	512 B	drwxr-xr-x													
<input type="radio"/> Example File.txt	cjm2:wheel	Apr 13 11:53	0 B	-rw-r--r--													
<input type="radio"/> Example File.zip	cjm2:wheel	Apr 13 11:52	0 B	-rw-r--r--													
Create: <input checked="" type="radio"/> File <input type="radio"/> Directory <input type="text"/> <input type="button" value="Create"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/> <input type="button" value="Copy"/> <input type="button" value="Move"/>																	
<input type="button" value="Rename"/> <input type="text"/> <input type="button" value="Upload"/> <input type="text"/> <input type="button" value="Browse..."/> <input type="button" value="Show"/>																	

File Manager Window

Weeble File Manager		Logout Help [html/pdf]
cjm2 @ Local FTP Server Current File: <input type="text" value="/tmp/test/Example File.txt"/> <input type="button" value="Cancel"/>		
<div> <p>This is an example of the Weeble File Manager Window.</p> <div></div> </div>		
<input type="button" value="Save"/> <input type="button" value="Save & Edit"/> <input type="button" value="Preview"/> <input type="button" value="Reset"/>		

Editor Window

Layout Descriptions

Directory

Clicking any of the directory links will change to that directory. Clicking the radio button to the left will select that directory for one of the functions listed at the bottom.

File Information

Listed here is the following:

- File/directory ownership (user:group).
- Last modification date and time.
- File/directory size.

Files

Clicking any of the files will download that file (See [Downloading](#)). Clicking the radio button to the left will select that file for one of the functions listed at the bottom.

Help

Click Help to bring up this page.

Home Directory

Clicking this link will take you back to your home directory.

Login Information

Displays the username and the server name that the user logged in to.

Logout

Click Logout to log out of the file manager.

Up One Directory

Clicking this link will change to the parent of the current directory.

Features

Logging In

Username & Password

To login to WeebleFM, type your username and password.

Server

Next you choose the server you wish to login to by selecting it from the Server dropdown list.

Login

Once your username and password are filled in, and the server is selected, click Login to log into the server.

Remember Me

Check this box to have WeebleFM save your username and password in a browser cookie. The next time you return to the login screen, the username and password will already be filled in.

Remove Login Cookie

If you no longer want your username and password saved (as a cookie), click this link.

Changing Directories

There are two ways to change directories in WeebleFM. The first is to type a path into the "Current Directory" section at the top and click the **CD** button.

The second is to click on a directory name in the main file listing. There are two special "directory" entries that are always displayed at the top of the file listing. Those are the "." (home directory) and ".." (up one directory)".

. (*home directory*)

This will always take you back to your home directory.

.. (*up one directory*)

This will change to the parent of your current working directory.

Creating Files and Directories

Both new files and directories are easy to create. Simply select whether you want to create a File or Directory, type in the name, and click **Create**.

When creating a new directory it will be placed in the current working directory.

When creating a new file, you will be taken immediately into the editor. You *must* click **Save** for the new file to be created. See the section on Editing Files for more information on how to use the editor.

Editing Files

WeebleFM has a built in text editor. To edit a file, choose one of the files in the current directory, by clicking the radio button to the left of it's name, and click the **Edit** button.

The layout of the editor window is very similar to the directory listing:

- At the top will be listed the "Current File" instead of the "Current Directory", which lists the file loaded into the editor.
- Directly to the right of the current file is a **Cancel** button. Click this button to discard your changes and return to the file listing.
- Below the current file is the edit box. Make any changes to the file here.
- At the bottom are four buttons:
 - ◆ **Save** will save your changes and return to the file listing.

- ◆ **Save & Edit** will save your changed and return to editing the current file.
- ◆ **Preview** will load your current changes into a separate preview frame. Changes will not be saved until one of the two save buttons are clicked.
- ◆ **Reset** will discard your changes but stay in the editor.

Please note: The editor will be unable to save a file once the session has expired. If you have problems with loosing your changes, either save the files more frequently, or have the system administrator increase `session.cache_expire` in `php.ini`.

Delete

To delete a file or directory, select the file or directory by clicking the radio button to it's left and click the **Delete** button. Directories can only be deleted if they are empty.

Copy

Only files can be copied. To copy a file, select the file by clicking the radio button to it's left and click **Copy**. Next select the folder to copy the file to and click **Commit**. You can select any directory you have access to save a file to.

If the file name already exists in the destination folder, the words "*Copy of*" will be append to the beginning of the name.

Move

Both files and directories can be moved. Select the file or directory by clicking the radio button to it's left and click **Move**. Next select the folder to move to and click **Commit**.

Rename

Both files and directories can be renamed. Select the file or directory by clicking the radio button to it's left, type in a new name at the bottom next to the **Rename** button, and then click the **Rename** button.

Upload

To upload a file click the **Browse...** button at the bottom, select a file, and then click the **Upload** button.

To upload multiple files at one time, click the **Upload** button without 1st selecting a file. This will take you to the *Upload* page. Here you can select multiple files to upload at one time.

Download

To download a file simply click on the filename.

Show/Hide

The **Show/Hide** buttons toggle the display of hidden files. Click **Show** to display hidden files. Click **Hide** to hide them.

Permissions

On systems that support the CHMOD command, the individual file permissions can be changed. The permissions are displayed to the far right of each file or directory. Below is an example of the permissions on a directory:

drwxr-xr-x

Click on the permission you wish to change to toggle it. For more information on how file permissions work, see the permissions entry in the [Glossary](#).

Preferences

The Preferences window allows you to customize Weeble File Manager, if the system administrator has enabled this feature. (See \$allow_custom in [Configuration Options](#).)

The available configuration options are grouped into 3 categories:

- [Preset Theme](#)
- [Display](#)
- [Miscellaneous](#)

Preset Theme

A number of preset themes are available with Weeble File Manager that change its look (colors, fonts, font sizes, etc...). Select a theme from the list and click **Load Theme** to see what it looks like.

Click **Save** to keep this theme, or click **Cancel** to discard your changes.

***Note:** Once a theme is loaded, it'll stay active even if Cancel is clicked. Logging out and back in will restore the user's previous settings.*

Display

The Display preferences are very similar to the themes. Here you can customize the colors, background image(s), fonts, and font sizes to your own liking. The display preferences are broken down again, into 3 categories.

- **Page** – These settings effect the whole page.
- **File Manager** – These settings effect the file listing display.
- **Misc.** – Miscellaneous display settings.

Color References

- Douglas R. Jacobson's [RGB Color Chart](#)
- [HTMLHelp.Org Color Units](#)

Click **Preview** to view your changes, **Save** to keep them, or **Cancel** to discard.

Miscellaneous

Miscellaneous preferences are any settings that don't fit in the other two categories. Currently they consist of:

Starting Directory

Set this to the directory (folder) WeebleFM should start in, when logging in. If this is blank, the default is to log into your home directory.

Hidden Files

Controls whether to initially display hidden files when logging in.

Edit Box

Controls the height (in rows) and width (in columns) of the edit window, and the size (in either pixels or a percentage) of the preview window.

Configuration Options

All of WeebleFM's configuration options can be found in the settings.php file. In this section we'll list each configuration variable, what it's purpose is, and what the available settings are.

\$allow_chmod

Example: `$allow_chmod = TRUE;`

Setting this to TRUE will allow the user to change file permissions (if supported by the server).

\$allow_custom

Example: `$allow_custom = FALSE;`

Setting this to TRUE will allow the user to override the default preferences.

\$def_Display_Hidden

Example: `$def_Display_Hidden = FALSE;`

Default setting for the display of hidden files and directories.

\$default_theme

Example: `$default_theme = "default";`

Default theme for the file manager. Set this to the name of the theme in the "themes/" directory you want to be the default (without the .thm extension).

This effects the theme used on the login page, and the theme chosen for new users who do not yet have one set. If `$allow_custom = FALSE`, this will be the theme used for all users.

\$editor_prefs

Example:

```
$editor_prefs = array (  
  "rows" => 20,  
  "cols" => 80,  
  "max_size" => 50000,  
  "preview_size" => "25%",  
);
```

Settings used by the file editor.

- rows = Width of the edit box.
- cols = height of the edit box.
- max_size = Maximum file size allowed by the file editor (in bytes).
- preview_size = Size of the Preview frame. This can either be a percentage or a size in pixels.

\$ftp_access

Example: **\$ftp_access = TRUE;**

This sets the default access to WeebleFM. When a remote client is not covered by any of the entries in \$ftp_access_list, this variable determines whether they are allowed access.

Set to TRUE to allow access by default, FALSE to deny.

\$ftp_access_list

Example:

```
$ftp_access_list = array (  
  "-172.16.10.8/255.255.255.255",  
  "+172.17.45.1/24"  
);
```

Access list to allow or deny access to WeebleFM. Syntax is as follows: **[+,-]IP/MASK**

Note: Some versions of php4 choke on "255.255.255.255", in those cases please use "/32" instead.

+, - + allows access, - denies access.

IP The IP can be specified in dotted-quad (xxx.xxx.xxx.xxx) notation or as a hostname (www.example.com).

Mask The (subnet) mask can be specified in dotted-quad (xxx.xxx.xxx.xxx) notation or in /CERN (e.g. /24) notation.

\$ftp_disable_mcrypt

Example: **\$ftp_disable_mcrypt = FALSE;**

Set this to TRUE if you **absolutely** must disable the mcrypt encryption support. Setting this introduces security issues as anyone who has access to the web server can potentially read the stored passwords. The only time this should be set is when mcrypt is unavailable.

\$ftp_max_uploads

Example: `$ftp_max_uploads = 5;`

Set this to the maximum number of files a user can upload at one time, on the multiple-upload page.

\$ftp_Passive_Mode

Example: `$ftp_Passive_Mode = FALSE;`

Set this to TRUE if you want/need to use passive mode ftp connections to your server.

\$ftp_remember_me

Example: `$ftp_remember_me = TRUE;`

Set this to TRUE to enable the Remember Me checkbox, FALSE to disable.

\$ftp_Servers

Example: `$ftp_Servers = array (
"Server Name" => "localhost:21",
"Another Server" => "server2:8021"
);`

Set this to the ftp server(s) you would like available to your users. The format is "Descriptive Name" => "server:port". The descriptive name is what will be listed on the Login screen, Server is the hostname or ip address of the ftp server, and Port is the port the ftp server is listening on. If the port is not specified the default of 21 will be used.

\$icon_display

Example:
`$icon_display = array (
"dirup"=> "dirup.gif",
"dir"=> "dir.gif",
"file"=> "binary.gif",
"php"=> "php.gif"
);`

Icons used for different file types, set by file extension. The default settings are:

- dirup = Icon used for the 'up' directory link.
- dir = Icon used for directories.
- file = Default icon used for files.
- php = An example of the file extension support. All files ending in .php will use this icon.

\$key

Example: `$key = 'WEEBLEFM';`

Key used for the encryption in WeebleFM (passwords, etc...). This should be unique to your site. Also, if this changes, the username/password cookies will need to be re-saved.

Note: The key should be enclosed in single (') not double (") quotes.

\$log

```
$log = array(
"dir" => "/tmp",
"filename" => "wfm.log",
"level" => 0
);
```

Set this up to configure logging.

- dir = Directory where the log will be stored.
- filename = Filename of the log.
- level = Level of information that will be displayed in the log.
 - ◆ 0 = No logging.
 - ◆ 1 = Logins.
 - ◆ 2 = Logins and errors.

Note: If file / directory where weblefm is logging needs to be writable by the web server, otherwise logging will fail.

\$logo

Example: `$logo = "logo.gif";`

Set this to the location of the logo graphic displayed at the top of WeebleFM.

\$logo_anim

Example: `$logo_anim = "logo.gif";`

Set this to the location of the logo graphic displayed at the top of the login page.

\$pref_ciphers

Example: `$pref_ciphers = array ("rijndael-256", "tripleDES", "blowfish", "des");`

This lists the preferred encryption algorithms provided by the mcrypt support, they are listed in order of preference. If the 1st option isn't available, it attempts to use the second. If none of the listed algorithms are available, the script will default to whatever is available.

\$show_col

```
$show_col = array(
"owner" => TRUE,
"date" => TRUE,
"size" => TRUE,
"perm" => TRUE
);
```

This variable allows the admin to choose what columns to display in the file manager listing.

- owner: User and group ownership.
- date: Date & time last modified.
- size: Size of the file.
- perm: Permissions of the file/directory. (See Permissions in the Glossary)

\$warn_color

Example:

```
$warn_color = array (  
"info" => "#000000",  
"minor" => "#000055",  
"medium" => "#555599",  
"major" => "#FF0000"  
);
```

Color settings for the different levels of warning messages.

Miscellaneous

Mad Props & Shout Outs (Credits)



This product includes PHP, freely available from <http://www.php.net/>. For more information on the PHP license (v.2.02).



A *huge* thanks to SourceForge for hosting our project and making all of this possible.

Troubleshooting

See our project page at Source Forge for the latest troubleshooting information.

<http://www.sourceforge.net/projects/weeblefm/>

Limiting Uploads

There are two settings in php.ini that must be configured to set the file size upload limitations. See the HelpDesk for more information.

- upload_max_filesize
- post_max_size

Creating/Editing Themes

The themes are loaded from files ending in **.thm**, in the **themes/** directory. Two simple ways to create a theme are.

1. Copy the Default.thm to a new file (e.g. *MyTheme.thm*), and edit the file. Each option is commented as to what it is for.
 2. Use the Preferences window to create a personal theme. Once you are satisfied with it, copy your **.wfmrc** to the **themes/** directory and rename it (e.g. *MyTheme.thm*). Edit your new **.thm** file and remove any lines that do not start with "thm_".
-

Glossary

Passive Mode

Directly from bsd FTP manual pages:

The PASV command requests that the remote server open a port for the data connection and return the address of that port. The remote server listens on that port and the client connects to it.

When using the more traditional PORT command, the client listens on a port and sends that address to the remote server, who connects back to it. Passive mode is useful when using ftp through a gateway router or host that controls the directionality of traffic. (Note that though ftp servers are required to support the PASV command by RFC 1123, some do not.)

Permissions

There are 3 sets of permissions for every file or directory — owner, group, and world. For each set, there are separate read (**r**), write (**w**), and execute (**x**) permissions. The owner permissions are for the owner of the file or directory. The group permissions are for everyone in the group. The world permissions are for anyone else.

Using the earlier example of `drwxr-xr-x` we have three sets of permissions.

`drwrxr-xr-x` – Owner permissions.

`drwxr-rxr-x` – Group permissions.

`drwxr-xr-rx` – World permissions.

Subnet Mask

A subnet mask is used to determine what IP network an IP address belongs to, or if two IPs are on the same network. A subnet mask can be expressed in two ways, in dotted-quad (`xxx.xxx.xxx.xxx`) notation, or in /XX shorthand.

For more information on subnetting try this [Google Search](#).

Weeble File Manager by Jon Manna & Chris Michaels

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