



Database Technical Information

July 2017

Server Setup

Installation of the Befriending software on a Linux server

Prerequisites

A configured and working LAMP environment with build_essentials. This software has been developed and tested on Ubuntu 14.04 LTS but should run fine on any Linux variant.

Install

Unzip the distribution file into a temporary location (eg /tmp)

Copy the public_html/jam directory to your website document root (usually public_html)

Copy the public_html/.htaccess file to your website document root, or APPEND to yours if the file already exists.

Configure Apache

Insert the following directive into the /etc/apache2/sites-available/yourwebsite.conf configuration file, substituting 'yourwebsite' with your own. This assigns CGI access permissions.

```
<Directory /path/to/your/public_html/jam>
AddHandler cgi-script .cgi
allow from all
Options -Indexes +SymLinksIfOwnerMatch +ExecCGI
    AllowOverride All Options=ExecCGI, Includes, IncludesNOEXEC,
Indexes, MultiViews, SymLinksIfOwnerMatch
</Directory>
```

Configure MySql

Import the database from the supplied befriending_wireflydesign_com.sql. The format is standard mysqldump.

That should be it, barring perhaps a dependency which you can install via your package manager. The Befriending database should now be ready for use. Test with a browser at 'http://yourwebsite/run/menu'. This should not affect the normal running of your website.

Directories and files

All paths listed are relative to the website Document Root.

.htaccess	Access rights and convenience mapping
/jam	Container for the Befriending Database
/jam/cgi	System entry point via Apache server
/jam/css	Basic styling for user forms
/jam/doc	Documentation and worksheets
/jam/sys	Program binaries and non application-specific scripts
/jam/sys/extern	Open source components this system was built with
/jam/run	Templates used to generate browser content
/jam/run/html	Javascript / css / html sent to browsers
/jam/uploads	All user-uploaded content here. Images, Word docs, other.