



Installation Manual

xFlow Lite v1.x

Created by:
Envex Developments Inc.
<http://www.envex.com/>

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1.) Getting Started

This manual explains how to install xFlow Lite v1.x on your web server from scratch. This manual assumes you have knowledge of the needed internet technologies, such as FTP, telnet / SSH, and a general knowledge of the LINUX operating system. You first need to download the zip file of xFlow Lite. If you are unsure of where you can download it, please contact your distributor and request the source code. Once downloaded, unzip the file onto your computer. The zip file contains four directories:

- cgi-bin
- html
- images
- xlite_data

Your web server must also meet the following requirements, which can be found at:

http://docs.envex.com/xlite/user_manual/1_1.html

2.) Upload the Files

First, you must upload all files to your web server. To start, connect to your server via FTP.

2.1 Upload the /xlite_data/ Directory

The /xlite_data/ directory should be uploaded below your document root. This is usually the directory you are first placed in when you login via FTP, or in other words, just below where your web pages are stored. For example, if your web pages are stored in the /home/username/public_html directory, then the /xlite_data/ directory should be located at /home/username/xlite_data. You should not be able to access the /xlite_data/ directory from your web browser.

Once you have determined where to upload the /xlite_data/ directory, do so. Make sure you upload all files in ASCII mode. Once uploaded, CHMOD the contents of the directory as follows:

- xlite_data/ - 777
- xlite_data/xlite.conf - 777
- xlite_data/dat/ - 777
- xlite_data/dat/* (all files) - 777
- xlite_data/htmlt/ - 777

2.2 Upload the /cgi-bin/ Directory

Next, you need to upload the /cgi-bin/ directory. Change directories to the /cgi-bin/ directory on your server, and create a new directory called **xlite** inside. Upload the contents of the /cgi-bin/ directory from the zip file, to the **xlite** directory you just created.

Make sure you upload all files in ASCII mode. Once uploaded, CHMOD the /cgi-bin/ directory as follows:

- dbinfo.cgi - 777
- install.cgi - 755
- signup.cgi - 777
- admin/ - 755
- admin/index.cgi - 777
- admin/*.pl (all .pl files) - 755
- backup/ - 755
- cron/ - 755
- cron/*.pl (all .pl files) - 777
- lib/* (all files) - 755
- member_area/index.cgi - 777
- member_area/*.pl (all .pl files) - 755
- modules/ - 755
- remote/ - 755
- remote/*.cgi (all .cgi files) - 777

NOTE: If you are familiar with installing CGI scripts, you may notice the above permissions do not seem correct. Please make sure you CHMOD all files to the above permissions exactly. The installation script modifies several files, then CHMODs them itself to 755.

2.3 Upload the /html/ Directory

Next, you need to upload the /html/ directory to your server. Change directories to the document root on your server. This is where your web pages are stored, and is usually called something like /www/, /html/, or /public_html/. Once inside your document root, upload the contents of the /html/ directory from the zip file. Once uploaded, you should be able to access the show.cgi script through a web browser by going to <http://www.domain.com/show.cgi>

Make sure you upload all files in ASCII mode. Once uploaded, CHMOD the /html/ directory as follows:

- show.cgi – 777
- show_image.cgi - 777

2.4 Upload the /images/ Directory

The last directory you need to upload is the /images/ directory. Change directories to the /images/ directory on your server, and create a directory named **xlite** inside. Upload the contents of the /images/ directory from the zip file, into the newly created **xlite** directory. Make sure you upload all files in Binary mode.

3.) Complete Installation

You should now have all files uploaded to your server, and all permissions set correctly. This chapter explains how to complete the rest of the installation process.

3.1 Run the Installation Script

The next thing you need to do is run the installation script. Open up your web browser, and go to the `install.cgi` script on your server, which should be located at:

```
http://www.domain.com/cgi-bin/xlite/install.cgi
```

If one or more of the required Perl modules are not installed on your server, you will receive an error message at this point. If you do get an error message, you will need to contact your server administrator or web host, and ask them to install the specified Perl module on your server. The error message will automatically disappear once the Perl module has been installed.

The first page displayed asks for a registration number. Enter the registration number assigned to you by the company who you purchased the software license from. If you do not have a registration number, please contact your supplier for this information. Please note, you can only install the software on the domain name the license is registered under.

If you submit a valid registration number, the installation form will appear. Complete and submit the form. If everything goes smoothly, a success message will appear, giving the URL to your Admin Control Panel. Make sure you follow any additional instructions on this page, such as CHMOD any needed files.

Last, delete the `install.cgi` script from your server, as it is only a security hazard now.

3.2 Compile the members.c Script

Next, you need to compile the `members.c` script on your server, so your member's self replicating web sites will work. Connect to your server via SSH, and change directories to your document root, where the `members.c` script is located. At the SSH prompt, type the following:

```
gcc -o members members.c
```

This will compile the `members.c` script, and create a file named `members` in your document root. CHMOD the new `members` script to 755.

3.3 Change the *DefaultType*

Next, you must change the `DefaultType` directive in Apache to `cgi-script`. To do this, create a `.htaccess` file in your document root, where the compiled `members` script is located. If an `.htaccess` file already exists, just add the following lines to it. The `.htaccess` file should contain the two following lines:

```
Options +ExecCGI
DefaultType cgi-script
```

If your server is running Apache v2+, you will create a .htaccess file with the following lines instead:

```
<Files "members">  
  Options +ExecCGI  
  SetHandler cgi-script  
</Files>
```

To test this, open up your web browser, and go to the following URL:

```
http://www.domain.com/members/test/
```

If you receive an error from the script saying *"Unable to display self replicating web site, as no member types have been created yet."*, then everything is working correctly. However, if you receive a server error, such as a 404 File Not Found, or 403 Forbidden error, you need to contact your web host, and ask them to change the AllowOverride directive to All in Apache for your document root.

3.4 Load the Crontab File

The last thing you need to do is load your crontab file. Connect to your server via SSH, and change to the /xlite_data/ directory on your server. Type the following at the SSH prompt:

```
crontab xlite.crontab
```

If no errors or message appear, then the crontab file has been successfully loaded. You can test this, and see the contents of your crontab file, by typing **crontab -l** at the SSH prompt.

3.5 Installation Complete!

If you have successfully completed all above steps, then xFlow Lite v1.x is now fully installed on your server, and ready for use. You must now setup your program, which is explained in the User Manual, located in the Online Documentation section at <http://docs.envex.com/>.

Thank you for choosing Envex Developments and xFlow Lite for your online software needs.