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1 Abstract

In this document I only want to describe how to compile the Apache webserver with the Frontpage Server Extensions on a Debian GNU/Linux system. I used Apache 1.3.3 and Frontpage 2000.

2 Downloading & preparing the source

First of all you need to download the source of the follwing programs.

- Apache webserver (http://www.apache.org/)
- Frontpage Extensions (http://www.rtr.com/)

Download other packages as source which you need for you webserver e.g. PHP. On Debian the source packages are pre-configured so you only have to run `debian/rules` in the source directory or copy the command line for the configuration.

To add the Frontpage Extensions copy the file `fp-patch` to your source root directory of the Apache webserver (e.g. `/usr/src/apache-1.3.3/` and run
`$ cat fp-patch | patch -p0`.

3 Configuring & compiling the source

After successfully applying the patch you can configure your source by running:
`/usr/src/apache-1.3.3 $ ./configure --with-perl=/usr/bin/perl/ \`
`--add-module=mod_frontpage`.
These are the options that I called the configure-script with. Important for using Frontpage Extensions is the line `--add-module=mod_frontpage`.

When the files are successfully compiled and linked you can run `$ make install` to install the new binaries. The new Apache binary is installed in `/usr/sbin/` and named httpd. To work correctly in Debian you have to create a symlink or move the file to `/usr/sbin/apache`.

4 Testing the new binaries

Now you can test the binaries. Stop the apache webserver if you have not done it yet. Run
`/etc/init.d/apache stop`
or call
`apachectl stop`
as root. To start the new webserver run
`/etc/init.d/apache start`
or
`apachectl start`.
While running one of these scripts you should run
`tail -f /var/log/apache/error.log`.
If no error occurs there should be an entry like `[Date & Time] ...-- resuming normal operations`.
There are several binaries that comes with the Frontpage Extensions in the TAR-file. These files can be installed by running
`$ ./install.sh`
in the directory that keeps the untarred files. The files are copied to `/usr/local/frontpage/4.0/`. In this directory exists onefile in `bin/` that you have to call to create webs and subwebs that can be opened by the Frontpage program.
NOTE: Frontpage creates an `cgi-bin/` directory in your www root directory (e.g. `/var/www/`). So you have to edit `/etc/apache/srm.conf` to let the new `cgi-bin/` directory also point to `cgibin/` or something else.

5 Windows Configuration

Now you have to create a "Webfolder" that connects to an URL (e.g. `http://www.foo.com/test`. The wizard should ask you to enter username and password. If this works the Frontpage Extensions also works.

6 Copyright

If you have any comments please send me an email (sgaerner@gmx.net).

To be continued...

References

[1] Apache: http://www.apache.org/

[2] Frontpage: http://www.microsoft.com/

[3] ReadyToRun Software: http://www.rtr.com/