

Installations-Hinweise pic2base (0.80.0 preX) unter Ubuntu 12.10

Einrichtung und Funktionstest eines LAMP-Systems nach

<http://www.howtoforge.com/installing-apache2-with-php5-and-mysql-support-on-ubuntu-12.10-lamp>

Dann Installation der Pakete

gpsbabel,

imagemagick,

dcraw,

libimage-exiftool-perl,

proftpd,

proftpd-mod-mysql,

wobei die Installation des FTP-Servers entsprechend

<http://wiki.ubuntu-forum.de/index.php/ProFTPD> und

<http://sdykman.com/blog/proftpd-and-mysql>

erfolgte.

Installation der Pakete jeweils mit `apt-get install <paketname>` als root

Installation von pic2base durch Entpacken nach `/var/www/pic2base`:

`tar xvf <Pfad_zum_Archiv>/pic2base-0.80.0_preX.tar.bz2 -C /var/www/`

Anpassung der Eigentumsrechte:

`chown -R www.data:www-data /var/www/pic2base/`

Ab hier kann bereits die Inbetriebnahme des Systems erfolgen:

- Erstanmeldung,
- Datenbank-Einrichtung,
- Anlage des ersten realen Benutzers,
- Bild-Erfassung per Einzelbild-Upload
- Suche nach Datum...

Zum Schluß erfolgt die Einrichtung des FTP-Servers mit MySQL-Unterstützung:

Hierzu sind die Konfigurationsdateien `proftpd.conf`, `modules.conf` und `mysql.conf` (alle unter `/etc/proftpd`) anzupassen.

Beispielkonfiguration:

proftpd.conf:

#

/etc/proftpd/proftpd.conf -- This is a basic ProFTPD configuration file.

To really apply changes, reload proftpd after modifications, if

it runs in daemon mode. It is not required in inetd/xinetd mode.

#

Includes DSO modules

Include /etc/proftpd/modules.conf

Set off to disable IPv6 support which is annoying on IPv4 only boxes.

UseIPv6 on

If set on you can experience a longer connection delay in many cases.

IdentLookups off

ServerName "pic2base-FTP"

ServerType standalone

DeferWelcome off

MultilineRFC2228 on

DefaultServer on

ShowSymlinks on

```

DisplayLogin                welcome.msg
DisplayChdir                .message true
ListOptions                 "-l"

DenyFilter                  \*.*

# Port 21 is the standard FTP port.
Port                        21

# This is useful for masquerading address with dynamic IPs:
# refresh any configured MasqueradeAddress directives every 8 hours
<IfModule mod_dynmasq.c>
# DynMasqRefresh 28800
</IfModule>

# To prevent DoS attacks, set the maximum number of child processes
# to 30. If you need to allow more than 30 concurrent connections
# at once, simply increase this value. Note that this ONLY works
# in standalone mode, in inetd mode you should use an inetd server
# that allows you to limit maximum number of processes per service
# (such as xinetd)
MaxInstances                30

# Set the user and group that the server normally runs at.
User                        www-data

# Umask 022 is a good standard umask to prevent new files and dirs
# (second parm) from being group and world writable.
Umask                       022 022

# TransferLog /var/log/proftpd/xferlog
SystemLog /var/log/proftpd/proftpd.log

<IfModule mod_quotatab.c>
QuotaEngine off
</IfModule>

<IfModule mod_ratio.c>
Ratios off
</IfModule>

# Delay engine reduces impact of the so-called Timing Attack described in
# http://www.securityfocus.com/bid/11430/discuss
# It is on by default.
<IfModule mod_delay.c>
DelayEngine on
</IfModule>

<IfModule mod_ctrls.c>
ControlsEngine              off
ControlsMaxClients         2
ControlsLog                 /var/log/proftpd/controls.log
ControlsInterval           5
ControlsSocket              /var/run/proftpd/proftpd.sock
</IfModule>

<IfModule mod_ctrls_admin.c>
AdminControlsEngine off
</IfModule>

```

```
# Include other custom configuration files
Include /etc/proftpd/conf.d/
Include /etc/proftpd/mysql.conf

modules.conf:

#
# This file is used to manage DSO modules and features.
#

# This is the directory where DSO modules reside

ModulePath /usr/lib/proftpd

# Allow only user root to load and unload modules, but allow everyone
# to see which modules have been loaded

ModuleControlsACLs insmod,rmmod allow user root
ModuleControlsACLs lsmod allow user *

LoadModule mod_ctrls_admin.c
LoadModule mod_tls.c

# Install one of proftpd-mod-mysql, proftpd-mod-pgsql or any other
# SQL backend engine to use this module and the required backend.
# This module must be mandatory loaded before anyone of
# the existent SQL backends.
LoadModule mod_sql.c

#
# 'SQLBackend mysql' or 'SQLBackend postgres' (or any other valid backend) directives
# are required to have SQL authorization working. You can also comment out the
# unused module here, in alternative.
#

# Install proftpd-mod-mysql and decomment the previous
# mod_sql.c module to use this.
LoadModule mod_sql_mysql.c

LoadModule mod_radius.c
LoadModule mod_quotatab.c
LoadModule mod_quotatab_file.c

# Install one of the previous SQL backends and decomment
# the previous mod_sql.c module to use this
#LoadModule mod_quotatab_sql.c
LoadModule mod_quotatab_radius.c
LoadModule mod_wrap.c
LoadModule mod_rewrite.c
LoadModule mod_load.c
LoadModule mod_ban.c
LoadModule mod_wrap2.c
LoadModule mod_wrap2_file.c
# Install one of the previous SQL backends and decomment
# the previous mod_sql.c module to use this
#LoadModule mod_wrap2_sql.c
LoadModule mod_dynmasq.c
LoadModule mod_exec.c
LoadModule mod_shaper.c
LoadModule mod_ratio.c
LoadModule mod_site_misc.c

LoadModule mod_sftp.c
```

```
LoadModule mod_sftp_pam.c
# Install one of the previous SQL backends and decomment
# the previous mod_sql.c module to use this
#LoadModule mod_sftp_sql.c
```

```
LoadModule mod_facl.c
LoadModule mod_unique_id.c
LoadModule mod_copy.c
LoadModule mod_deflate.c
LoadModule mod_ifversion.c
LoadModule mod_tls_memcache.c
```

```
# keep this module the last one
LoadModule mod_ifsession.c
```

mysql.conf

```
SQLBackend          mysql
RequireValidShell   off
```

```
# Systemnachrichten
AccessGrantMsg      "Willkommen auf dem pic2base FTP-Server"
AccessDenyMsg      "Zugriff verweigert"
```

```
# loginversuche bevor verbindung getrennt werden soll
MaxLoginAttempts    3
```

```
# Timeout Einstellungen
TimeoutStalled      120
TimeoutIdle         120
TimeoutLogin        30
```

```
# es duerfen Dateien ueberschrieben werden
```

```
<Directory />
  ListOptions        "-a"
  AllowOverwrite     on
</Directory>
```

```
#wenn der login laenger als 10 sec. dauert auskommentieren!
```

```
#UseReverseDNS      off
#IdentLookups       off
```

```
#Resume erlauben
```

```
#Bitte beachten, dass hiddenstor" nicht aktiviert sein darf (ist per Default deaktiviert).
```

```
# AllowOverwrite    on
AllowRetrieveRestart on
AllowStoreRestart   on
```

```
# keine systemuser benutzen
```

```
UseFtpUsers         off
```

```
# root login verbieten
```

```
RootLogin           off
```

```
# Maximale Anzahl von User, die den selben Account gleichzeitig nutzen koennen
MaxClientsPerUser 3 "Sorry, nicht mehr als 3 Clients pro Nutzer"
```

```
# <datenbank>@<host> <user> <passwort>
```

SQLConnectInfo pic2base@localhost pb pic_base

Festlegen der passiven Ports:
PassivePorts 50000 50100

#Logging:
TransferLog /var/www/pic2base/log/proftpd/proftpd.xferlog

LogFormat default "%h %l %u %t \"%r\" %s %b"
ExtendedLog /var/www/pic2base/log/proftpd/proftpd.paranoid_log ALL default

LogFormat auth "%v [%P] %h %t \"%r\" %s"
ExtendedLog /var/www/pic2base/log/proftpd/proftpd.auth_log ALL auth

ab hier nichts mehr aendern! #
#####

SQLAuthenticate users*
SQLAuthTypes crypt
SQLUserWhereClause "aktiv = '1'"
SQLUserInfo users username ftp_passwd uid gid user_dir shell

SQLLog PASS updatecount
SQLNamedQuery updatecount UPDATE "count=count+1 WHERE username='%u'"
users
SQLLog PASS lastlogin
SQLNamedQuery lastlogin UPDATE "last_login=now() WHERE username='%u'" users
SQLLog RETR dlbytescount
SQLNamedQuery dlbytescount UPDATE "dl_bytes=dl_bytes+%b WHERE
username='%u'" users
SQLLog STOR ulbytescount
SQLNamedQuery ulbytescount UPDATE "ul_bytes=ul_bytes+%b WHERE
username='%u'" users

SQLLog RETR,STOR transfer
SQLNamedQuery transfer INSERT "%u', '%f', '%b', '%h', '%a', '%m', '%T', now()" ftp_transfer

have a lot of fun!