# Base path for backup folders
BBAK=$BAKPATH/$BAK/$NOWD

# Absolute paths to backup folders (base path + relative path)
ABAK1=$BBAK/$RBAK1
ABAK2=$BBAK/$RBAK2
ABAK3=$BBAK/$RBAK3
ABAK4=$BBAK/$RBAK4

# Other variables used
GZIP="$(which gzip)"

# Relative paths for each log file
RLOGF=log-$MLABEL-SUM.$NOWD.txt
RLOGF1=log-$MLABEL-$RBAK1.$NOWD.txt
RLOGF2=log-$MLABEL-$RBAK2.$NOWD.txt
RLOGF3=log-$MLABEL-$RBAK3.$NOWD.txt
RLOGF4=log-$MLABEL-$RBAK4.$NOWD.txt

# Base log path (set by default to the same base path for backups)
BLOGF=$BBAK

# Absolute path for log files
ALOGF=$BLOGF/$RLOGF
ALOGF1=$BLOGF/$RLOGF1
ALOGF2=$BLOGF/$RLOGF2
ALOGF3=$BLOGF/$RLOGF3
ALOGF4=$BLOGF/$RLOGF4

### These next parts (1) & (2) are related to the removal of previous files in these folders if they exist, and create dirs as needed for new set of periodic backups ###

### (1) To remove all previous backups locally at the server and at the same base backup folder, uncomment the following line ###

```bash
[[ ! -d $BAKPATH/$BAK ] & & mkdir -p $BAKPATH/$BAK || /bin/rm -f $BAKPATH/$BAK/*
```

### (2) To avoid removing previous backups from the same day locally, keep the last part commented out (with # just in front of "|| /bin/rm -f ..."

```bash
[ ! -d $ABAK1 ] & & mkdir -p $ABAK1 # || /bin/rm -f $ABAK1/*
[ ! -d $ABAK2 ] & & mkdir -p $ABAK2 # || /bin/rm -f $ABAK2/*
[ ! -d $ABAK3 ] & & mkdir -p $ABAK3 # || /bin/rm -f $ABAK3/*
[ ! -d $ABAK4 ] & & mkdir -p $ABAK4 # || /bin/rm -f $ABAK4/*
```

### [ ! -d "$BAK" ] & & mkdir -p "$BAK" ###

```
DBS="$(MYSQL -u $MUSER -h $MHOST -p$MPASS -Bse 'show databases')"
for db in $DBS
do
    FILE=$ABAK1/$db.$NOWD-$NOWT.gz
    $MYSQLDUMP -u $MUSER -h $MHOST -p$MPASS $db | $GZIP -9 > $FILE
done
```

### Backup tikifiles ###

```
#tar -czvf $ABAK2/00-$RBAK2-$MLABEL.$NOWD-$NOWT.tgz $TIKIFILESABSPATH/* > $ALOGF2
```

### Backup serverfiles ###

```
tar -czhv $ABAK3/00-$RBAK3-$MLABEL.$NOWD-$NOWT.tgz /etc/* /root/.luckyBackup/*
/root/.local/* /root/.ssh/* /root/.config/* > $ALOGF3
```

### Backup home user files ###

```bash
```
### Send files over ftp ###

```bash
#lftp -u $FTPU,$FTPP -e "mkdir $FTPF/$NOWD;cd $FTPF/$NOWD; mput $ABAK1/*.gz; mput $ABAK2/*.tgz; mput $ABAK3/*.tgz; quit" $FTPS > $ALOGF

cd $ABAK1; ls -lh * > $ALOGF1
# Add a short summary with partial dir sizes and append all partial log files into one ($LOGF)
cd $BBAK; du -h $RBAK1 $RBAK2 $RBAK3 $RBAK4 > $ALOGF; echo "" >> $ALOGF; echo "--- $RBAK2 uncompressed: " " " " " " " " " " " >> $ALOGF

cd $BBAK; du -h $RBAK1 $RBAK2 $RBAK3 $RBAK4 > $ALOGF; echo "" >> $ALOGF; echo "--- $RBAK2 uncompressed: " " " " " " " " " " " >> $ALOGF

cd $BBAK; du -h $RBAK1 $RBAK2 $RBAK3 $RBAK4 > $ALOGF; echo "" >> $ALOGF; echo "--- $RBAK2 uncompressed: " " " " " " " " " " " >> $ALOGF
```

### Compress and Send log files ###

```bash
tar -czvf $ALOGF1.tgz -C $BLOGF $RLOGF1
#tar -czvf $ALOGF2.tgz -C $BLOGF $RLOGF2
tar -czvf $ALOGF3.tgz -C $BLOGF $RLOGF3
tar -czvf $ALOGF4.tgz -C $BLOGF $RLOGF4
#lftp -u $FTPU,$FTPP -e "cd $FTPF/$NOWD; put $ALOGF1.tgz; put $ALOGF2.tgz; put $ALOGF3.tgz; quit" $FTPS
```

### Send report through email ###

```bash
sendemail -f $EMAILF -t $EMAILT -u '[Pentinella Manual Local Backup Report]' -m 'Short report attached' -a $ALOGF -a $ALOGF1 -s $SMTP -o tls=no
```

### Crontab ###

Crontab for root as of Dec 29th, 2015

```bash
# Back In Time system entry, this will be edited by the gui:
0 14 * * 1 /usr/bin/nice -n 19 /usr/bin/ionice -c2 -n7 /usr/bin/backintime --backup-job >/dev/null 2>&1

# Back In Time system entry, this will be edited by the gui:
0 14 * * * /usr/bin/nice -n 19 /usr/bin/ionice -c2 -n7 /usr/bin/backintime --profile-id 2 --backup-job >/dev/null 2>&1

30 13 * * Wed sh '/home/xavi/scripts/backup_manual_pentinella.sh'

# Sending "Daily reports" of watch-emails
#* * * * * cd /var/www/html/12.x/; php console.php index:rebuild > /dev/null 2>&1

# Sending "Daily reports" of watch-emails
#* * * * * cd /var/www/html/12.x/; php console.php daily-report:send > /dev/null 2>&1
```

Alias names for this page: Pentinella