

Description of PheTxtServer control.dat file

General

1. Create the control file according to the description below.
2. Copy the control file to the user directory of the PheTxtServer program, eg.
C:\Phecap\PheTxtServer\Transfer\Userxxx\
3. Copy the belonging *.pag files to the user directory and at last copy the update.sem file to the user directory.

The PheTxtServer program "looks" continued in the user directories. When there is a update.sem file the program comes in action. PheTxtServer processes the control.dat file and when this is done PheTxtServer removes the files in the user directory. So your application knows PheTxtServer is ready and your application can copy new files to the user directory.

Format of the control.dat file

[PROGRAMSETTINGS]

```
transferpath=transfer
restorepath=restore
logfilepath=log
controlfilename=control.dat
semaphorefilename=semaphore.dat
subpagetime=15
```

This setting can also be done in PheTxtServer

[INSERTERCOMMANDS]

```
Restore=1

SetTime=1

Clear=1
Reset=1
```

Only needed in case of emergency

Command to force a restore of the pages in the restore directory

Set inserter date and time with the computer date and time

Remove all pages from the transmission

Reset inserter and load the processor(68HC11) code

[INSERTERSETTINGS]

```
DateTimeColor=2
HeaderColor=Green

DateOn=1
DayOn=0
HeaderText=Phecap
```

This setting can also be done in PheTxtServer

Fill in the color with figures or text:

1 = Red, 2 = Green, 3 = Yellow, 4 = Blue, 5 = Cyan,
6 = Magenta, 7 = White.

Date in header on or off

Day in header on or off

fill in your own broadcast organisation name

Broadcast service data packet 8/30 format 1

Fill in your own broadcast organisation name

```
BroadcastStatus=Phecap
InitialPage=100
NetworkIDCode=$0000
HeaderLanguage=Dutch
```

You can request a unique code at the EBU (\$ = hex)

Language of the days and months in figures or text.

English = 0, Dutch = 1, French = 2, German = 3, Spanish = 4

Puts the inserter in clock freerun mode i.e. not locked to the V-sync.

```
69ClockFreerun=1
```

[UPDATESETTINGS]

```
User=name
Password=password
```

Description of PheTxtServer control.dat file

[230.0000]

Filename=2300000.pag

prompts=News Sport Weather Traffic

prompts="The news" "2e" "3e" "4e"

links=200 300 400 500

[213.0001]

[220.*]

[123.0000]

Filename=123.pag

Priority=1

Intable=1

[123.0000]

TemplateFilename=testtemplate.tpg

TextFilename=1230000.txt

Row01=first text row

Row02=second text row

Insert page

Pagenummer 230 with subnumber 0 is inserted. Default is a normal pagina in the regular cyclus when the pagenummer is followed by a filename.

If there is a filename but the file is corrupt or not found nothing happens and the error is logged.

If you use Fasttext then provide all!! pages with prompts and links

Use quotes if there are spaces in the words

Links to the desired pagenumbers

Remove single page from transmission

When the pagenummer is not followed by any row the the page is removed from transmission

Remove multiple pages

Remove pagenummer 220 with all subnumbers

Priority pages

Transmit page 123.0000 immediately

Place the page in the table so it will by transmitted continued, otherwise the page is not saved on disk and transmitted only once

Merge page with template

must reside the directory

C:\Phecap\PheTxtServer\Templates\

You can create template pages with PheText and then copy this page manually to the template directory

When the txt file is found in the user directory the text in this file will be merged into the textblock of the template

When no text file then these rows will be merged into the textblock

Teletext page description

Only apply the ".pag" format when using your own application for uploading teletext pages.

The ".pag" page consists of . 24 rows of 42 bytes = 1008 bytes.

The actual teletext row has 45 bytes. The first three bytes (clock run in and framingcode) are generated by the inserter.

Every row starts with the packet address also known by the magazine and row address (byte 1 and 2 hamming coded), see paragraph 7.1.2 of the Enhanced Teletext Specification.

At the header row (row zero) the two bytes packet address is followed by 8 hamming coded bytes of header data (byte 3.. 10) , see paragraph 9.3.1 of the Enhanced Teletext Specification. Byte 11,12 and 13 represent the three diget page number for the rolling header. The rest of the header (bytes 14..42) must be filled with spaces. Bytes 11..42 must be odd parity.

The bytes 3..42 of normal rows contain the teletext data wit odd parity.