

Title:

Interpretation of log files

Question:

| | |
|----------|---|
| Problem | How is the information about error states of the programme saved and how can they be interpreted? |
| Category | Trouble shooting |
| Product | MediaWorkStation |
| Version | all |
| Module | System |
| Date | March 12, 2007 |

Answer:

1. General

The programme generates two types of log files (error logs and action logs) in order to make the user understand how the programme performs in case of errors.

- **ErrorLog**
 - saves error messages and status information, mostly in the form of natural language messages (English)
 - file [C:\MWS\logfiles\MWSError.txt](#)
 - logging is active by standard
 - via [HKLM\Software\MES\MWS\MinErrorLogAge](#) you can specify the desired minimum duration of logging (number of days)
- **ActionLog**
 - saves the way of operation in detail in the form of dialogue notations
 - file [C:\MWS\logfiles\MWSAction.txt](#)
 - logging is optional (disabled by standard)
 - via [HKLM\Software\MES\MWS\MinActionLogAge](#) you can specify the desired minimum duration of logging (number of days)

2. Memory capacity handling

For the simple handling of the log files the logs are automatically split up into individual files of 4 MB size. The current file always has the name [MWSError.txt](#) or [MWSAction.txt](#). For older logs the date was added to the filename, such as [MWSError_22032006_161136.txt](#).

In the case of insufficient memory capacity on the fixed disk C: older logs will be deleted automatically until [MinErrorLogAge/MinActionLogAge](#) or when down to 4 MB minimum size.

Log contents

Form

Technical information

TI-005-015



A complete programme cycle will always be noted down in both log categories in the following form:

[Date/Time] **Open Request**
[Date/Time] **[programme name and programme version]**
[Date/Time] Message 1
[Date/Time] ...
[Date/Time] Message n
[Date/Time] **Close Request**

for example:

09.03.2007 15:13:17 Open Request
09.03.2007 15:13:17 MedDoc version: 2.0.0.45
09.03.2007 15:13:18 MWSDVR: Foot switch port not available !
09.03.2007 15:13:21 Application running in license state: 1
09.03.2007 15:14:49 Close Request

If „Close Request“ is missing, the programme has terminated itself or the process was quit by the user, because, for example, the application gave no response.

Status and course messages

The ErrorLog may display the following status messages:

Set database path from alias: MWSDDB, c:\mws\mwddb
Indication of the used database alias and path.

Running modules: REC

Indication of the active programme modules, among them:

- EGG - electroglottography module active
- NET - network mode active
- LED - LED strobo fade-in module active
- REC - video recording is available

A module is active when authorised by the current licence and switched on. Note: The module „REC“ cannot be switched on/off within the programme.

Application running in license state: 1

Indication of the current state of license:

- 0: license is not authorised
- 1: license is authorised as demo version
- 2: license is authorised as extended demo version
- 3: license is authorised as version for distribution
- 4: license is fully authorised

Mwsvdr: 25 fps / 0 dropped

Mwsvdr: max frame rate 25,0 fps

Indication of the achieved video framerate/renderer performance.

The „dropped“ value states the number of images discarded by the video renderer. Usually the value increases not before the CPU borders on its limit load.

Technical information

TI-005-015



The „max frame rate“ indicates the highest frame rate reached during the current recorder session.

msavied: data stream present
msavied: execution started ...
msavied: successfully executed -> temp file exists
msavied: new data set created !
msavied: >>> success: new AVI exists ! <<<
msavied: >>> success: new DAT exists ! <<<
msavied: avi temp file deleted
msavied: dat temp file deleted

A successful video cut including the cut data stream file (*.DAT)

Import into DB succesfull: C:\Disctest.txt to Patient/Session: 24.02.2006 21:11:17 /
28.02.2006 14:57:40

Import: Copy file C:\Disctest.txt to c:\mws\imp\8J0MAMU18C.txt succeeded !

The text file "Disctest" was successfully imported into the database.

Begin creation new database table: MSPAT.DB

Creation successful!

The patient database chart was newly generated, other charts analogously.

MSPAT.DB: Delete Primary Index

MSPAT.DB: Add Primary Index

MSPAT.DB: Add Secondary Index INDEXNAME

MSPAT.DB: Add Secondary Index INDEXPAT

MSPAT.DB: Add Secondary Index NameBDateIndex

The index of the patient database chart was newly generated, other charts analogously.

Document: Microsoft Word not available

Microsoft Word is not installed; instead „Native-Print“ will be carried out.

TMWSDB: Create backup C:\MWS\Backup\MWSDB_01032007155514.ZIP

A backup copy of the database was created in the folder C:\MWS\Backup.

Error messages

The ErrorLog may display the following error messages:

TMWSIni: Movie folder does not exist !

TMWSIni: Movie folder set to D:\

During initialisation the system detected that the video recording directory does not exist; hence the user set the directory onto drive D:.

TMWSForm: Database limit exceeded ! ERROR: Can not initialise program, program terminated !

The database capacity is depleted, the programme must be shut down.

MWSDVR: Disk full !

Technical information

TI-005-015



There is no storage space available for further recordings on the fixed disk.

MWSDVR: Foot Switch Port Not Available !

The serial foot switch has not been set up properly.

MWSDVR: Device not found !

The audio or video device was not found. Both devices must be configured in the modes System-Devices-VideoIn/AudioIn/AudioOut.

MWSDvr: Recording too short !

There were no frames recorded, the recorded video file is empty.

MWSDvr: AVI time limit exceeded !

The recording has been stopped automatically, the pre-set time limit is exceeded.

VoiceProcess-LGDataCB: USB-Streaming interrupted

The data transfer from MSIF2 device to the computer was interrupted.

TMWSXPort: XPort Error Link Execute !

A GDT command could not be carried out. Alternating: The GDT interface is not properly configured.

MSDat: Missing file D:\T2UM2MU1SB.AVI

The video could not be found.

RegListEditor: Error Value Movie folder

An improper video path was put in in the settings area.

Exception - Zugriffsverletzung bei Adresse 00544D55 in Modul ,mstrobo.exe'. Lesen von Adresse 044B065C

A programme error occurred, programme is reading from invalid storage area.

13.07.2005 Exception - Ungültige Gleitkommaoperation

A programme error occurred, often due to a division by 0.

If the problem occurs during the video cut, use the grabber2 filter version 2.2.

EXCEPTION - BLOB wurde geändert

DataBase: MSDAT.DB

The content of data set chart was modified during access. This error occurs often in relation to database list display.

13.01.2006 Exception - MWSDlg Panel Error

A general dialogue error occurred.

Ungültiger Eingabewert. Mit der Taste ESC machen Sie die Änderungen rückgängig.

In one of the input masks an incorrect value was put in, often due to a date input in the patient input mask.

EXCEPTION - Duplicate Patient ID

The patient ID put in is assigned to another patient.

Technical information

TI-005-015



MPEGxportdlg: one input AVI file missing -> MPEG file creation failed
The video file to be encoded has not been found.

MPEGxportDlg: ID1000_30012007_151430.MPG is already consistent
A repeated encoding of the video file is not necessary, because the fade-in parameters have not changed.

MPEGxportdlg: frame access failed -> Video Codec missing
The DV Video Codec (VfW) was not properly installed.

MWSPlay: Could not get DiVAC block interface
The DiVAC filter has not been registered.

MWSStreams: FSK TimeOut
An old MediaStrobo video was found, but no data signal was detected in the audio channel.

TPatForm: Access Error !
The patient file is opened/blocked.

NetConfig warning: Movie path is local
On one of the slave computers the video path is set locally. This must be converted to the central video directory of the server.

NetConfig warning: Using at least one distant path while <Enable Networking Off>
Access to central data storage although the network option is not active.

MES
Support