

elproLOG EVENT

Operation Manual



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Used symbols & designation key

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Used symbols & designation key



Information



IMPORTANT INFORMATION OR WARNING

Reference to further chapter



Reference further resuming chapter [xxx / yyy / zzz; e.g. 3.1.3 *Event Code* / Title / PC time] or document



In the interest of our customers, we reserve the right to make any changes resulting from technical advances. Therefore, schemes, descriptions and extent of delivery are subject to change without any notice!


This manual is valid as from software release 1.0x


1. Introduction to elproLOG EVENT

elproLOG EVENT records all actions, which have been done by one of the elproLOG ANALYZE applications and all events, which arose at run time.

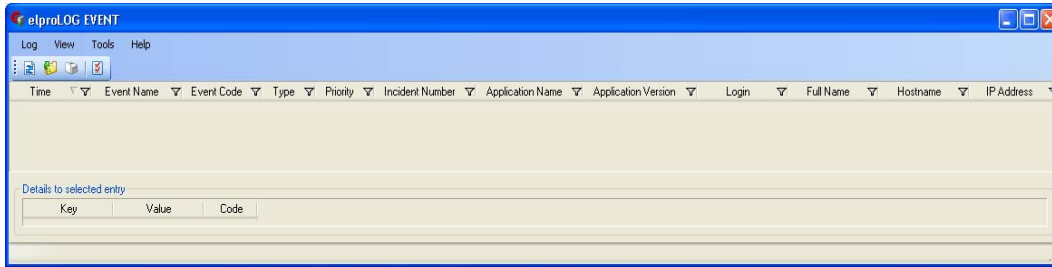
The following functions are part of the software:

- Enables you to set up an event database
- Schedule for automatic data archiving
- Export of the recorded data into a csv-file for further documentations

elproLOG USER 

To control user access, all entries are supervised by elproLOG USER .  SU3001E

2. Use of elproLOG EVENT



2.1 Data Recording

As soon as a database has been setup and selected, all actions and occasions are recorded, even elproLOG EVENT is not running! If you start elproLOG EVENT for the first time, you have to select a database (*Appendix A: Setup and Select a Database*).

2.2 Icons



Refreshes the current database, to show the latest actions.
Step back to current databaes if archive has been opened.



Open a log file which has been archived. The information kept in this file could not be modified!



Opens the print preview window to print all selected data (see 4. *Printout of Data*).



Opens the "Preferences" window

- General
 - Setup application language (currently English and German)
- Database
 - Appendix A: Setup and Select a Database

Move your mouse pointer onto an icon, a short description of the function appears.

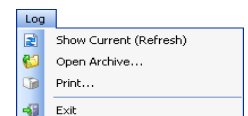


2.3 Functions

2.3.1 Log

- Show Current (Refresh)
- Open Archive
- Print

For further information see: chapter 2.2 *Icons*

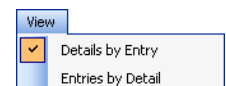


2.3.2 View

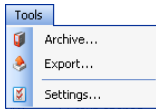
Changes the representation mode

- Main entries with details
 - All events recorded are represented according to their point of time
- Entries by Detail
 - All events are represented according to their different, detail information e.g. Logger ID

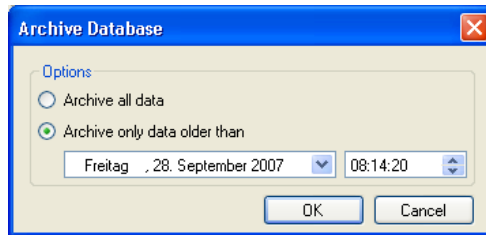
For further information see: chapter 3. *Representation*



2.3.3 Tools



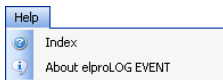
- Archive
 - You may choose between 2 different time ranges for data to be archived:
 - Archive all data
 - Archive only data older than Archived data get the file extension .elproEAR.



- Export
 - Lets you export the current database into a CSV-file for further data analysis.
- Settings
 - Opens the "Preferences" window
 - General
 - Setup application language (currently English and German)
 - Database
 - Appendix A: Setup and Select a Database*

2.3.4 Using Help

Detailed information about the installed software version



3. Representation

3.1 Recorded Information

3.1.1 Each event is documented with a set of information

- Time
- Event Name / Event Code
Explanation of the event elproLOG EVENT in the selected language, see: 3.1.3 *Event Code*

- Type
Group of information to which an event could be assigned.
 - 1 = Information
 - 2 = Warning
 - 3 = Error
 - 4 = Alarm

- Priority
Criteria for events which have similar importance.
 - 3 = high
 - 2 = normal
 - 1 = low

- Incident Number
see: 3.1.4 *Incident Number*

- Application Name / Application Version
of the program which has entered the event

- Login / Full Name

- Hostname / IP-Adresse
of the PC which has entered the event

- Key / Value / Code
see: 3.1.5 *Key - Value - Code*

3.1.2 Tools to list Columns

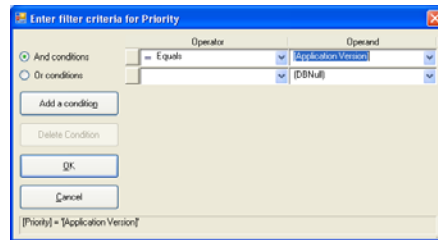
Information may be listed in ascending or descending form.



Criteria in brackets () are criteria which are not column dependant

It is possible to set on each column a filter to extract selected data.

- If the filter symbol is empty, no filter has been set.
- If the filter symbol is dark blue, a filter has been set. The following filter criteria are possible:
 - (All) No filter has been set
 - (Custom) Could be used to define custom specific criteria by selecting different operands and their logic function.



- (Blanks)
- (Non Blanks)
- Column specific information

3.1.3 Event Code

Each incident gets a unique number. These numbers are made of 2 parts: rr sss.

rr		sss
10	common events	
11	elproLOG ANALYZE	
12	elproLOG MONITOR	Represents a certain event e.g. 003 for data saved For the description of the event, see column: Event Name.
13	elproLOG CONFIG	
15	elproLOG EVENT	
16	elproLOG USER	

Event codes are language independent, therefore a change of the application language does not change the content of an event.

3.1.4 Incident Number

Each incident gets a unique number. These numbers are made of 2 parts: t uu.

Incidents which belong to the same event are documented with the same incidental number, e.g. application started - application ended or all events which belong to the same alarm....

The command "Autosave" results in just one incident number for each group of dataloggers. For further information see: document SC3001E elproLOG CONFIG.

t		uu
	Determines the elproLOG application which (A, C, E, M), has caused the incident	Is a consecutive number

*A: elproLOG ANALYZE
C: elproLOG CONFIG
E: elproLOG EVENT
M: elproLOG MONITOR*

3.1.5 Key - Value - Code

Key - Value

These parameters are used for detailed information about an event in plain text. The content of parameter "Value" depends on the information related to the "Key". The language of these information is determined by the selected language of elproLOG EVENT.

If the "Value" of the "Key - Logger ID" is -1, the logger could not be read.

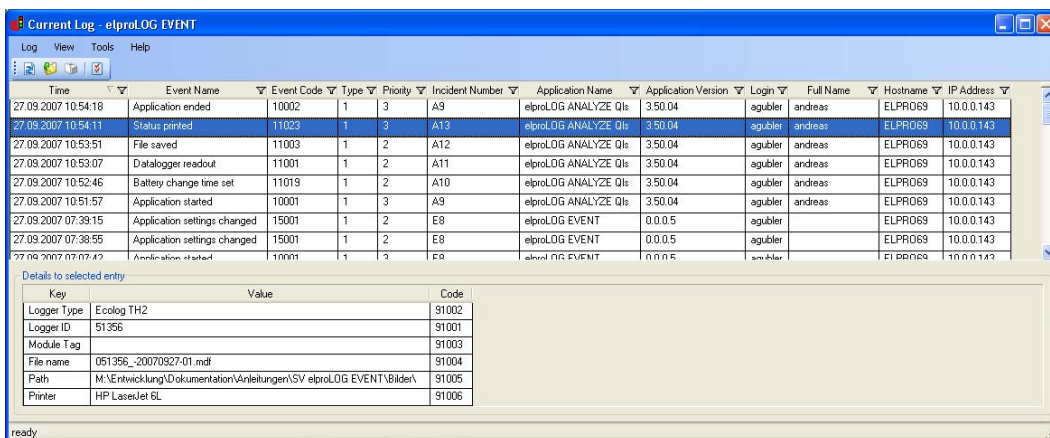
Code

A "Code" represents a unique number. These numbers are made of 2 parts: ww zzz.

- | | |
|-----------|---|
| ww | zzz |
| 90 | common events |
| 91 | elproLOG ANALYZE |
| 92 | elproLOG MONITOR Represents a certain information e.g. 001 for logger ID |
| 93 | elproLOG CONFIG |
| 95 | elproLOG EVENT |

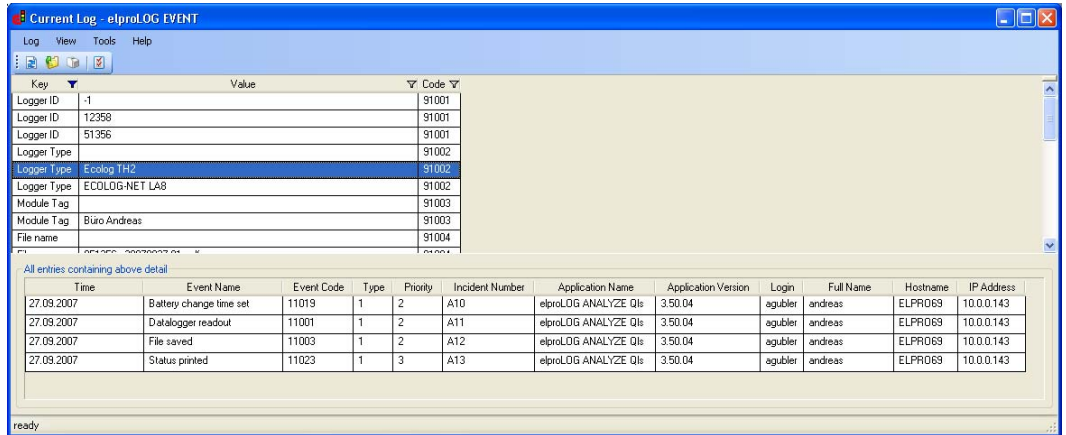
A code is language independent, therefore a change of the application language does not change the content of a code.

3.2 Details by Entry



Events are represented in chronological manner
 For the selected entry, all details which belong to this event will be display.

3.3 Entries by Detail



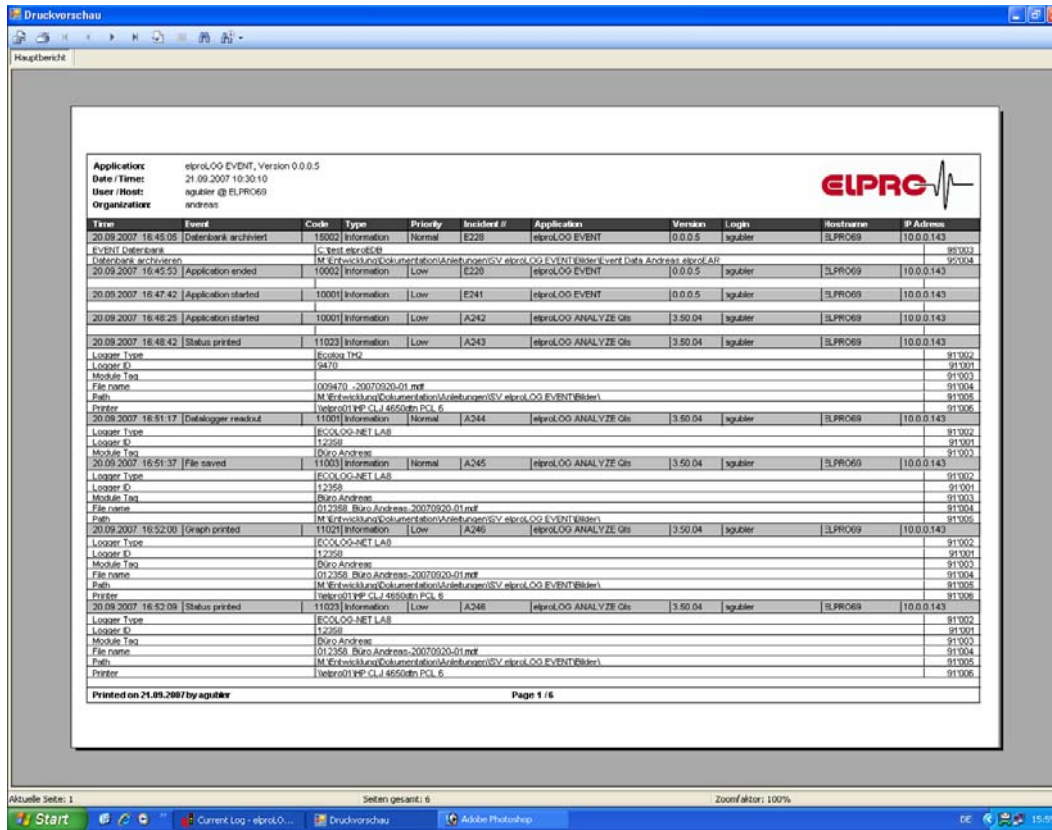
The screenshot shows the 'Current Log - elproLOG EVENT' window. The top section is a key-value table with columns 'Key', 'Value', and 'Code'. The bottom section is a table titled 'All entries containing above detail' with columns: Time, Event Name, Event Code, Type, Priority, Incident Number, Application Name, Application Version, Login, Full Name, Hostname, and IP Address.

Key	Value	Code
Logger ID	-1	S1001
Logger ID	12358	S1001
Logger ID	51356	S1001
Logger Type		S1002
Logger Type	Ecolog TH2	S1002
Logger Type	ECCOLOG-NET LA8	S1002
Module Tag		S1003
Module Tag	Büro Andreas	S1003
File name		S1004










Time	Event Name	Event Code	Type	Priority	Incident Number	Application Name	Application Version	Login	Full Name	Hostname	IP Address
27.09.2007	Battery change time set	11019	1	2	A10	elproLOG ANALYZE Qls	3.50.04	agubler	andreas	ELPR069	10.0.0.143
27.09.2007	Datalogger readout	11001	1	2	A11	elproLOG ANALYZE Qls	3.50.04	agubler	andreas	ELPR069	10.0.0.143
27.09.2007	File saved	11003	1	2	A12	elproLOG ANALYZE Qls	3.50.04	agubler	andreas	ELPR069	10.0.0.143
27.09.2007	Status printed	11023	1	3	A13	elproLOG ANALYZE Qls	3.50.04	agubler	andreas	ELPR069	10.0.0.143

Alle events which contain the same detail information as the selected one, will be shown.

4. Printout of Data



Print preview window

- 
Export the data as pdf-file
- 
Starts printing job
- 
Jump to the 1st page of the print preview
- 
Jump one page backwards
- 
Jump one page forward
- 
Jump to the last page of the print preview
- 
Jump to a certain page of the print preview
- 
Look for certain text within the print preview
- 
Zoom function used for the representation of the print preview

5. Information for Customer Support

If you need further assistance from the ELPRO - Customer support, supply us with the following information please:

Select in the menu
"Help" the menu item
"Info".

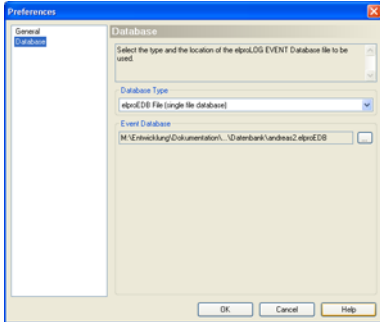


- Version number of the software
The software is delivered on a CD-ROM with the following designation: 1.x.y
The current version number of the software is shown by the ReadMe file.
- version and type of the used operating system.
- Designation of the used elproLOG ANALYZE application and / or datalogger, with which problems arise.
- Do the same problems arise with other elproLOG ANALYZE application and / or datalogger?
- Which were the preceding actions, before problems arose (exact description of your datalogger application: time, temperature, shock).
- Exact definition of the error occurred: copies of the status report, the graphic and the communication history or send us an email containing the read-out data if possible.

Appendix A: Setup and Select a Database

At the first start of the elproLOG EVENT software you should define the name and the location of the database used. This database may be allocated on a local PC or on any server. The "Preferences - Database" window is used to choose the type of database and its location. Currently there is one type of database available: Event database with the extension .elproEDB.

The "Preferences" window is opened by the Settings icon (see: chapter 2.2 Icons).



General

Setup application language (currently English and German)

Database

- Select a Database
Select the desired database in the "Database Type" menu.
- Setup a database
Path and name of the new database will be assigned in the "EVENT Database" window.



The setup and selection of a database needs local administrator rights!

Archiving the EVENT database using Command Line Parameters

To avoid the elproLOG EVENT database gets to big, it may be safed automatically by Command Line Calls. Therefore a Windows scheduler task has to be set up, that runs at regular intervals.

Syntax

-archive destination [date [time]]

Notes

Example:

- 1) elproLog EVENT.exe -archive "foo.elproEAR" "2000-01-02" "03:04:05"
- 2) elproLog EVENT.exe -archive "foo.elproEAR" "2000-01-02"
- 3) elproLog EVENT.exe -archive "foo.elproEAR"

Without date and time information everything will be archived.

With date but without time information everything prior the set date will be archived.

The date format will be interpreted depending on the current culture format. A date of "1.2.2000" corresponds in German culture to 1st of February 2000 but in English Culture it is interpreted as 2ed of January 2000. Unique forms such as "3/30/2000" are possible in any country formats. To avoid misunderstanding, the international ISO 8601 format (see example) should be used.

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Revision History

Author	Date	Version	Description
A. Gubler	30. 05.2009	--	1. Release
A. Gubler	22. 07.2010	a	Notes about the Database, Appendix A

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