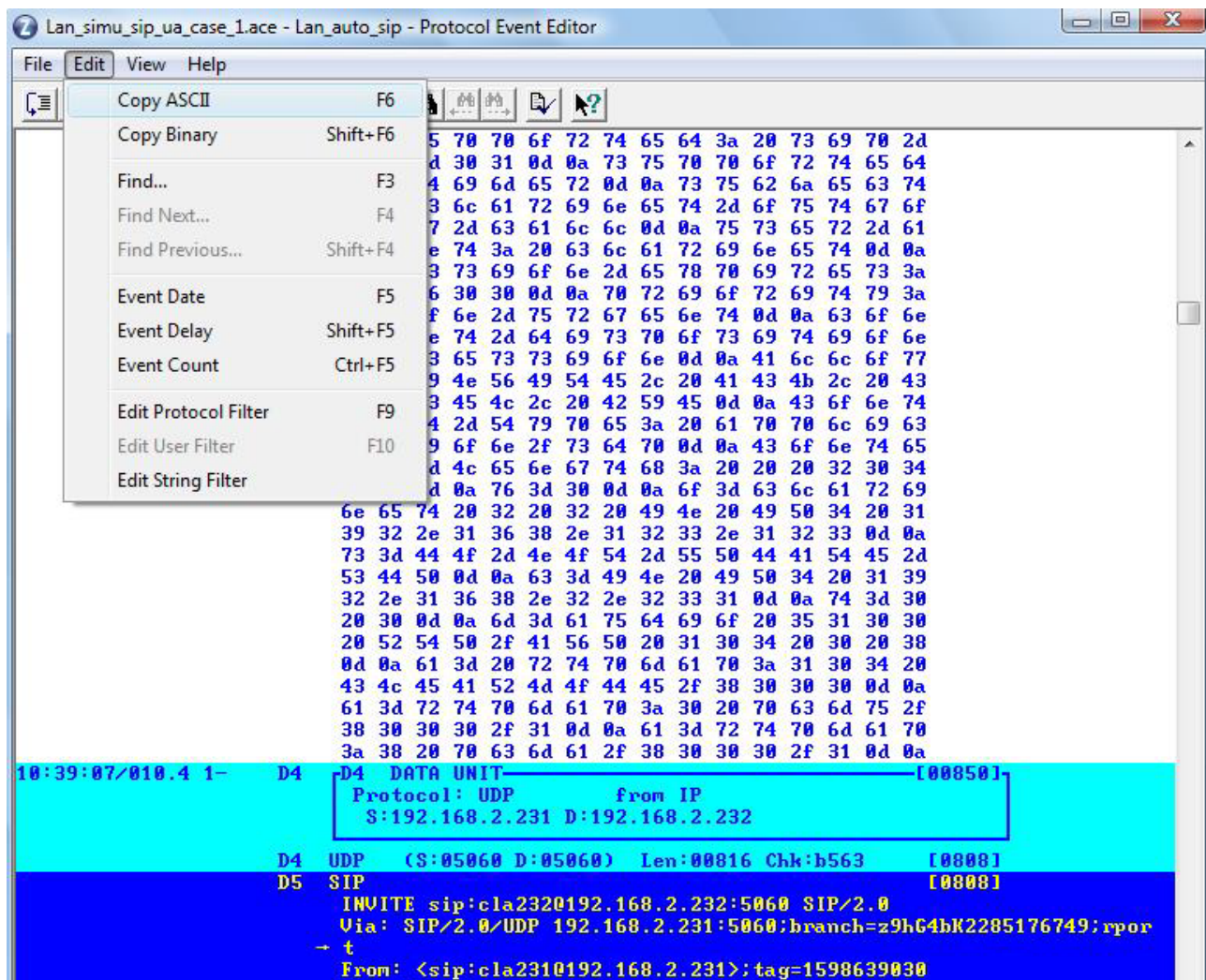


How to Record a Trace in Text Format

Sometimes it is useful to convert our binary .ace file in to a text format.

1. Manual

You can use the function Edit → Copy ASCII (F6) of the Protocol Event Editor to save the .ace trace into text format.



You can also automate this action.

API-C

The API-C development package includes an programming example that demonstrates how to creates a User-Program recording events in text format, or converting files from Binary to Text depending on specifications of a Filter file. To evaluate this capability, you need all the files required to run this add-on.

2.1 Procedure:

1. Copy file EVENTS.EXE to c:/clarinet/clatools directory (this is the executable file).
2. Copy file tac_evll_v11_06030.acs to c:/clarinet/clatools/clainter directory (this is the strings file). If the RT has been installed in French version, copy this file to c:/clarinet/clatools/clafrenc directory.
3. Create in the current directory a filter file "EVENTS.ACF" that defines the required display format (text output format).

This add-on can be used automatically "on line", to convert the current binary trace, or "off line" from command line to convert a previously recorded trace. You will find more information in the Readme.txt file:

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Events.exe is a companion user program
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It can be launched in parallel mode (concurrently with the Clarinet Manager)
while the Manager records events.

It can also be launched on a closed file (previously recorded) .

USER-PROGRAM description
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Read an event file and output a text file

How to install and test the Events.exe user-program example:
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- this user program uses the standard display libraries and must be installed in
the clatools directory:
    1- copy events.exe in c:\clarinet\clatools directory
    2- copy tac_evll_v11_06030 in c:\clarinet\clatools\clainter and
c:\clarinet\clatools\clafrenc directory

- a filter file "events.acf" which defines the txt format must be present in the
current directory

- this user program is designed to be used in different modes:
    1- standalone mode: it is invoked from command line:
"c:\clarinet\clatools\events filename.ace"
    (see example in the Release directory)
    2- automatic parallel mode: it is invoked on-line by the manager, and it
converts events
    from the ace file in real time.
    In this case, it should be initialized in the Acacia-Init panel:
        "Manager 1 Configuration -> Process 2 -> Filename" = events.exe
        and select only the option "Needs detail file"
```