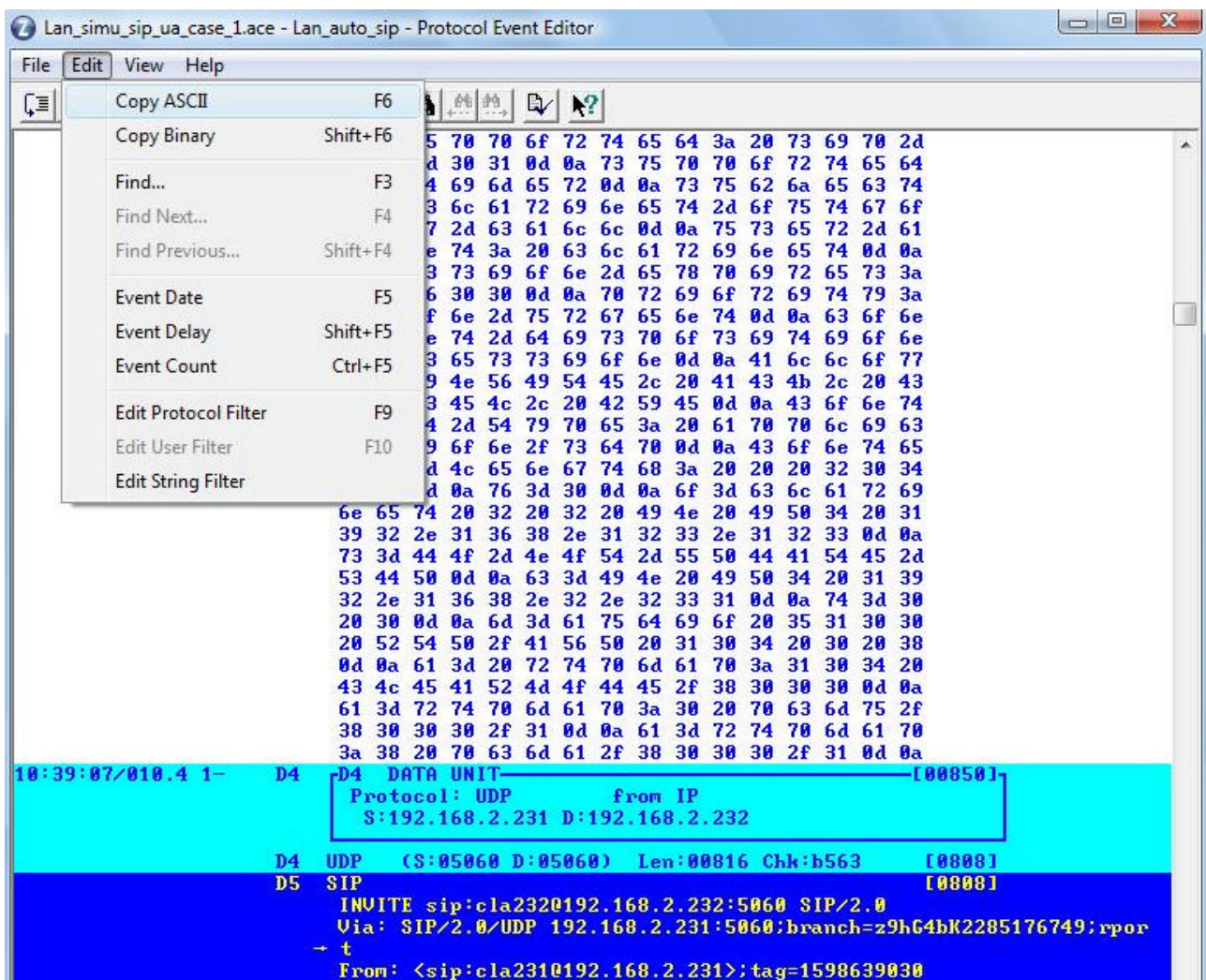


- How to record a trace in text format -

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.

2. 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:

```

Events.exe is a companion user program
=====

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
=====

Read an event file and output a text file

How to install and test the Events.exe user-program example:
=====

- 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"