```
ICOFILE:0=AFSNIT.ICO
          Example: Using GO_EN1
ICOFILE:550=F1.ICO
 1) Infecting (SMIT) MEMCHECK.EXE
 --------------------------------
 D:\A_VIRUS\ARC>go_en1 memcheck.exe /SMIT
 Checking for virus /                      <-- A_Virus internal virus check
 D:\A_VIRUS\ARC>
NOUPDOWN
 The program MEMCHECK.EXE was infected with the friendly A_Virus, GO_EN1

 ---

 Running the infected program MEMCHECK.EXE, gives this result:
 D:\A_VIRUS\ARC>memcheck
 Checking for virus /                      <-- A_Virus internal virus check

 ------------ Virus presentation start ------------------------------------
    ┌┴┴┴┴┴┴┴┴┴╖ ╤╤ ┌┴┴┴┴┴┴┴┴┴╖
    ╡ A_Virus ║    ╡ A_Virus ║
    ╘╤╤╤╤╤╤╤╤╤╝    ╘╤╤╤╤╤╤╤╤╤╝                ┌┴┴┴┴┴┴┴┴┴╖
                                              ╡ A_Virus ║
                     ┌┴┴┴┴┴┴┴┴┴╖              ╘╤╤╤╤╤╤╤╤╤╝
                     ╡ A_Virus ║
                     ╘╤╤╤╤╤╤╤╤╤╝

                    ┌┴┴┴┴┴┴┴┴┴╖
                    ╡ A_Virus ║
                    ╘╤╤╤╤╤╤╤╤╤╝ ┌┴┴┴┴┴┴┴┴┴╖
  ┌┴┴┴┴┴┴┴┴┴╖                   ╡ A_Virus ║     ┌┴┴┴┴┴┴┴┴┴╖
  ╡ A_Virus ║                   ╘╤╤╤╤╤╤╤╤╤╝     ╡ A_Virus ║
  ╘╤╤╤╤╤╤╤╤╤╝                                   ╘╤╤╤╤╤╤╤╤╤╝



 To remove A_Virus type: MEMCHECK /FJERN at the DOS prompt.
 ------------- Virus presentation end --------------------------------------
 EDLAB (TM) * Elektronik Design LABoratoriet (c) 1993 * MEMCHECK
              All rights reserved

 Checks amount of available memory.

 Available memory: 548 KBytes

 D:\A_VIRUS\ARC>

 ---

 2) Removing the A_Virus from MEMCHECK.EXE:
 ------------------------------------------

 D:\A_VIRUS\ARC>MEMCHECK /FJERN
 Checking for virus \
 D:\A_VIRUS\ARC>

 ---

 3) Running MEMCHECK.EXE after removal of the friendly A_Virus, GO_EN1.EXE
 -------------------------------------------------------------------------
```

```
D:\A_VIRUS\ARC>MEMCHECK

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             All rights reserved

Checks amount of available memory.

Available memory: 582 KBytes

D:\A_VIRUS\ARC>
```

---

4) Infecting (SMIT) MEMCHECK.EXE, forgetting extension

```
D:\A_VIRUS\ARC>go_en1 memchck2 /SMIT       <-- ERROR: extension EXE is missing
Checking for virus /
GO_EN1 (A_Virus Anti Virus Software Tester).
Created for EDLAB AntiVirus Division for test purpose.
Copyright (C) 1993 Karlius, Dan and Guns.

Usage:
    GO_EN1 exe_file /SMIT

P.S.: When exe_file is infected with A_Virus the following parameters
      can be used:

    exe_file /FJERN               to remove A_Virus.
    exe_file /GRAFIK              to show a graphic A_Virus.
    exe_file /INFO                to show this information.

D:\A_VIRUS\ARC>
```

Well, that was not possible. Extension EXE was missing.

GO_EN1 presented the USAGE message. This is done when /SMIT fails and at other error occasions.

MEMCHECK.EXE was supplied in its NON protected version, MEMCHECK.EXE and its protected version MEMCHK2.EXE.

MEMCHK2.EXE is protected with EMBEDDED EDLAB-Vaccine.
EDLAB-Vaccine protects against Patch Professors and Virus attack.

- -

Testing MEMCHK2.EXE:

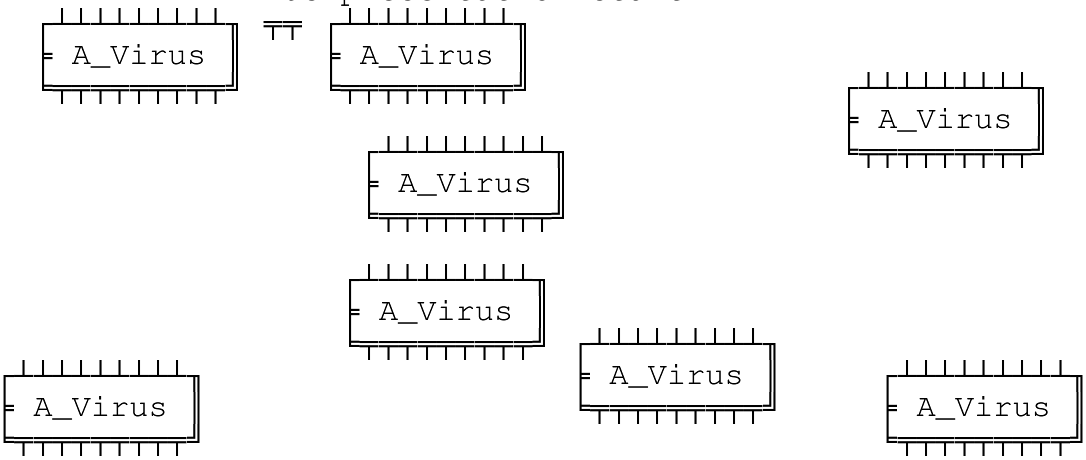
1) Infecting (SMIT) MEMCHECK.EXE

```
D:\A_VIRUS\ARC>go_en1 memchk2.exe /SMIT
Checking for virus /
D:\A_VIRUS\ARC>
```

Well, that worked well for the friendly coupler virus GO_EN1. MEMCHK2.EXE was successfully infected.

Now let us see what happens, when we RUN MEMCHK2.EXE after infection:

```
---------------------------------------------------------------------
------------ Virus presentation start --------------------------------------
```



```
To remove A_Virus type: MEMCHECK /FJERN at the DOS prompt.
------------- Virus presentation end --------------------------------------
```

First the viral code was run. Nobody can avoid that, but then:

```
                     EDLAB-Protect (c)

                A detached virus called this program.

                Using a backup might solve the problem.
```

EDLAB_Vaccine successfully identified the A_Virus AND stopped the program. Do NOT run a virus infected program (In this case it is OK, as GO_EN1 is a friendly A_Virus).

Only a virus free backup can restore an attacked program.

As the virus is the friendly A_Virus, GO_EN1, nothing sinister happened.

*: I think this little test give you some impression of the danger the PC Virus is.

EDLAB_Vaccine protects against more than just viruses. Patching is not possible, when EDLAB-Vaccine is embedded.

Note: MEMCHECK.EXE is NOT protected.

Make a copy of MEMCHK2.EXO to MEMCHK2.EXE and patch a text in the program.

(NO, you cannot easily patch the code, if you want the program to be functional).

This is what happens if you patch an EDLAB-Protected program. Incidentally, ALL EDLAB programs are protected, also our shareware programs. We want you to have healthy programs.

```
                      EDLAB-Protect (c)
                        Virus or Patch
                     >> I am very ill <<
 See report:  D:\A_VIRUS\ARC\MEMCHK2.EDL
                          I am dead!
```

EDLAB-Vaccine deletes the patched program and writes the report

```
        MEMCHK2.EDL            (*.EDL):
```

```
             EDLAB-Protect (c)  Report: Virus or Patch

Defect file: D:\A_VIRUS\ARC\MEMCHK2.EXE

             This file was changed due to virus or unauthorised patch.
             The BACKUP or ORIGINAL file must be restored.

File was deleted for security reasons.
```


EDLAB-Vaccine is available for shareware.

Run the BAT file: READ_ME, for further information.

Do yourself a favour, by reading the total text. Should you be in a hurry to obtain EDLAB shareware programs AND EDLAB Professional programs, then go to the last 2 pages of the READ_ME file.