Dear GreenHouse tool user,

attached is a revised version of the TRACE-tools:
- TRACUSER
- TRACID
- TRACTERM
- TRACSECO (does make sense only for users of my product SECOM).

I fixed the following glitch:
The TRACUSER program displays a chain of processes along with the 'user' of the process. The user attribute is propagated from the creating process. The existence of the user on a process does not mean, that the process is logged on!
An example:
A logged off TACL shows the user attribute of the creating process, even in case it is logged off! This caused some irritations.

The fixed version now checks the logged-on state of a process, and displays a *** not logged on *** message in the LOGIN Name when the process is not logged on:

```
$GHS1 SECOM 1> tracuser *
TRACUSER (108) - T7172G06 - (21Mar2002)   System \BEECH
Copyright (c) GreenHouse Software & Consulting 1997,1999-2003

  Name     PID                Program                      Login Name
$Z02J     1,338   $GHS1.SECOM.TRACUSER         *** not logged on ***
$Z028     1,332   $SYSTEM.SYS01.TACLH          SA.CARL
$Z026     1,331   *** MOM no longer exists ***

$GHS1 SECOM 2>
```

In the example above, the program $GHS1.SECOM.TRACUSE is started from a logged a TACL, but is NOT logged on!


In the next example, all processes in a chain of processes are logged off (= don't have the logged on bit set):

```
$GHS1 SECOM 5> tracuser 0,33
TRACUSER (108) - T7172G06 - (21Mar2002)   System \BEECH
Copyright (c) GreenHouse Software & Consulting 1997,1999-2003

  Name     PID                Program                      Login Name
$CLCI     0,33    $SYSTEM.SYS01.TACL           *** not logged on ***
$ZPM      0,267   $SYSTEM.SYS01.ZPM            *** not logged on ***
$ZCNF     0,258   $SYSTEM.SYS01.OSIMAGE        *** not logged on ***
$GHS1 SECOM 6>
```

Have a great day, and keep the good ideas coming!

Carl