

---

Subject: Variable undefined after while-cycle?

Posted by [Olaf Stetzer](#) on Wed, 19 Sep 2001 11:16:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hello,

I have a strange problem which may be related to the way IDL frees variables in/after subroutines. In the following example I want to compare a value with the one from the last while-cycle, however the Variable to store the Value for the next cycle (Lasttime) seems to be empty even at the end of the cycle (at point ;;;XX). When I define the Variable Lasttime before the while not EOF.... then the behaviour is still the same, the comparison (Lasttime ne mstime) is always true, even if it should not!

Thanks,

Olaf

```
-----
while not EOF(lun) do begin
  readf, lun, line
  line=strjoin(strsplit(line,'','/extract),/single)
  Lasttime=double(values(1))
  values=strsplit(line,',','/extract)
  msdate=double(values(0))
  mstime=double(values(1))
  if (Lasttime ne mstime) then begin
    print," Lasttime, mstime, ' Zeiten sind ungleich!'
    Zeitpunkt=msTime2sqlts(msdate,mstime)
    insertstr='INSERT INTO ' + table + ' VALUES (' +
    sqlts2datetimestr(Zeitpunkt) + '
    for i=2,(n_elements(fields)-1) do insertstr=insertstr + ', ' +
    values(i)
    insertstr=insertstr+ ' ) ;'
    ;;;XX
    ;dbobj->ExecuteSQL,insertstr
  endif else begin
    print," Lasttime, mstime, ' Zeiten sind gleich!'
  endelse
endwhile
```

--

Dr. Olaf Stetzer

Forschungszentrum Karlsruhe

Institut für Meteorologie und Klimaforschung

