OK, I've partially isolated the problem into a 3 line program.
Unfortunately, the first line is a call to a fairly long program
http://idlastro.gsfc.nasa.gov/ftp/pro/database/dbopen.pro so there is
a lot more isolation required (and I am done with this for the
day).

```
pro test
 dbopen,'bpm16274'
list = [124]
if list(0) LE 125 then print,'Good value'
return
end
```


IDL Version 8.0 (linux x86 m32). (c) 2010, ITT Visual Information
Solutions
IDL> .run test
% Compiled module: TEST.
IDL> test   ;First time everything works fine
Good value

IDL> .run test   ;Let's compile it again
% Compiled module: TEST.
IDL> test
% Unable to convert variable to type object reference.
% Execution halted at: TEST   4 /home/landsman/uvot/
bpm16274/test.pro
% $MAIN$

dbopen.pro does use a lot of strmid() calls -- I wonder if this could
be related to the problem that Mike Potter and Paulo Penteado
found.   But in this case I am only using pre-V8.0 syntax so there is
no FOREACH call.   --Wayne

On Jul 26, 1:12 pm, wlandsman <wlands...@gmail.com> wrote:
> I have found another bug in V8.0, at least for users who still have
> round parenthesis used for indices lurking around in their code.