

---

Subject: CALL\_EXTERNAL under OpenVMS Alpha (IDL 4.0.1)  
Posted by [Georg Kettmann](#) on Wed, 18 Oct 1995 07:00:00 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hello,

after migrating to IDL 4.0.1 I've encountered a problem I haven't had with IDL 3.6.1. Apparently it is no longer possible to CALL\_EXTERNAL routines that return float or double values. IDL complains about the /D\_VAL keyword (although I couldn't find it in the help text):

```
IDL> print, call_external ('dfloat_shr', 'msf_time', hdr, /d_val)
% CALL_EXTERNAL: Float or double result not possible under ALPHA/VMS
```

Is there anyout out there who knows a solution without adding a new module to my FORTRAN library?

Georg.

---