
Subject: Help: Ugly error messages in IDL under DEC OpenVMS 1.5

Posted by [mayor](#) on Tue, 22 Jun 1993 12:19:56 GMT

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Dear Friends in IDL:

Three ugly error messages occurred today while someone was using a large program that I've written in IDL. According to the user, there was nothing in particular she was doing at the time to cause these errors: they appear to happen randomly. I have no idea where to start tracing down these errors. ANY suggestions would be helpful. (By the way, this program was being executed from an NDC x-terminal and the program was using IDL version 3.0 on a DEC Alpha AXP machine running under OpenVMS 1.5.) The program relies heavily on Widgets.) I've cut and paste the output below.

(The first one today happended at about 2:15 PM)

```
IDL> lidp,'aa203zuvfa.oo4','aa2_o3_nd',3,1,750
% Compiled module: LIDP.
% Compiled module: READ_INPARAM.
% Compiled module: FIND_FLT_TITLE.
% Compiled module: RD_ANNOTATION.
% Compiled module: LOAD_DIAL_CT.
% Compiled module: RD_FILE_TYPE_1.
% Compiled module: RD_FBAN_TYPE_1.
% Compiled module: USE_TIME_OR_REC.
% Compiled module: ASCII_MONTH.
% Compiled module: CONGRID.
% Compiled module: SCALE_DISPLAY.
Longitude label -114.44 being skipped due to crowding.
% Compiled module: COLOR_BAR.
% Compiled module: MAIN_MENU.
% Compiled module: XMENU.
% Compiled module: LINE_PLOT.
% Compiled module: BOX_PROJ.
% Compiled module: STDEV.
% Compiled module: DO_LINE_PLOT.
% Compiled module: PICKFILE.
% Compiled module: XREGISTERED.
% Compiled module: XMANAGER.
% Compiled module: GET_PS_INFO.
% Compiled module: GET_PS_EVENT.
% Compiled module: INIT_PS_FILE.
% Compiled module: NEW_IMAGE.
% Compiled module: ASK_NEW_WINDOW.
% Compiled module: ASK_NEW_C.
```

% Compiled module: ASK_NEW_C_EVENT.
%SYSTEM-F-ACCVIO, access violation, reason mask=00, virtual address=C1BC5446,
PC=0068DE74, PS=0000001B

%TRACE-F-TRACEBACK, symbolic stack dump follows

Image Name	Module Name	Routine Name	Line Number	rel PC	abs PC
DECW\$XTSHR			0 0003FE74	0068DE74	
DECW\$XTSHR			0 00050244	0069E244	
DECW\$XTSHR			0 0004BD24	00699D24	
DECW\$XTSHR			0 0004C5E8	0069A5E8	
DECW\$XTSHR			0 00040208	0068E208	
DECW\$XTSHR			0 0003F180	0068D180	
IDL		0 0010E07C	0010E07C		
IDL		0 001183D8	001183D8		
IDL		0 000F60F4	000F60F4		
IDL		0 000910F0	000910F0		
IDL		0 00051B44	00051B44		
IDL		0 000503C4	000503C4		
IDL		0 00050450	00050450		
		0 827D28F0	827D28F0		

MAYOR@TARDIS>

(then second error follows at 3:43 PM)

IDL> lidp,'aa204zuvfa.oo4','aa2_o3_nd',4,1,750

% Compiled module: LIDP.
% Compiled module: READ_INPARAM.
% Compiled module: FIND_FLT_TITLE.
% Compiled module: RD_ANNOTATION.
% Compiled module: LOAD_DIAL_CT.
% Compiled module: RD_FILE_TYPE_1.
% Compiled module: RD_FBAN_TYPE_1.
% Compiled module: USE_TIME_OR_REC.
% Compiled module: ASCII_MONTH.
% Compiled module: CONGRID.
% Compiled module: SCALE_DISPLAY.
% Compiled module: COLOR_BAR.
% Compiled module: MAIN_MENU.
% Compiled module: XMENU.
% Compiled module: ASK_NEW_C.
% Compiled module: XMANAGER.
% Compiled module: ASK_NEW_C_EVENT.
% Compiled module: LINE_PLOT.
% Compiled module: BOX_PROJ.
% Compiled module: STDEV.
% Compiled module: DO_LINE_PLOT.
% Compiled module: PICKFILE.
% Compiled module: XREGISTERED.

```

% Compiled module: GET_PS_INFO.
% Compiled module: GET_PS_EVENT.
% Compiled module: INIT_PS_FILE.
% Compiled module: NEW_IMAGE.
% Compiled module: ASK_NEW_WINDOW.
Longitude label -110.28 being skipped due to crowding.
XIO: fatal IO error 65535 on X server "_WSA9:"
    after 218782 requests (218782 known processed) with 0 events remaining.
%XLIB-F-IOERROR, xlib io error
-SYSTEM-F-PATHLOST, path to network partner node lost
%TRACE-F-TRACEBACK, symbolic stack dump follows
Image Name  Module Name  Routine Name  Line Number  rel PC  abs PC
DECW$XLIBSHR          0 00072F50  0054AF50
DECW$XLIBSHR          0 00070D0C  00548D0C
DECW$XTSHR            0 0004EA1C  0069CA1C
DECW$XTSHR            0 0004ECBC  0069CCBC
IDL                  0 0010E00C  0010E00C
IDL                  0 001183D8  001183D8
IDL                  0 000F60F4  000F60F4
IDL                  0 000910F0  000910F0
IDL                  0 00051B44  00051B44
IDL                  0 000503C4  000503C4
IDL                  0 00050450  00050450
IDL                  0 827DE8F0  827DE8F0

```

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(third time at 3:57 PM)

```
IDL> lidp,'aa215zuvfa.oo4','aa2_o3_nd',15,1501,2250
```

```

% Compiled module: LIDP.
% Compiled module: READ_INPARAM.
% Compiled module: FIND_FLT_TITLE.
% Compiled module: RD_ANNOTATION.
% Compiled module: LOAD_DIAL_CT.
% Compiled module: RD_FILE_TYPE_1.
% Compiled module: RD_FBAN_TYPE_1.
% Compiled module: USE_TIME_OR_REC.
% Compiled module: ASCII_MONTH.
% Compiled module: CONGRID.
% Compiled module: SCALE_DISPLAY.
% Compiled module: COLOR_BAR.
% Compiled module: MAIN_MENU.
% Compiled module: XMENU.
% Compiled module: LINE_PLOT.
% Compiled module: BOX_PROJ.
% Compiled module: STDEV.
% Compiled module: DO_LINE_PLOT.
% Compiled module: PICKFILE.

```

```
% Compiled module: XREGISTERED.
% Compiled module: XMANAGER.
% Compiled module: NEW_IMAGE.
% Compiled module: ASK_NEW_WINDOW.
% Compiled module: GET_PS_INFO.
% Compiled module: GET_PS_EVENT.
% Compiled module: INIT_PS_FILE.
%SYSTEM-F-ACCVIO, access violation, reason mask=00, virtual address=B988546F,
PC=0068DE74, PS=0000001B
%TRACE-F-TRACEBACK, symbolic stack dump follows
```

Image Name	Module Name	Routine Name	Line Number	rel PC	abs PC
DECW\$XTSHR			0 0003FE74	0068DE74	
DECW\$XTSHR			0 00050244	0069E244	
DECW\$XTSHR			0 0004BD24	00699D24	
DECW\$XTSHR			0 0004C5E8	0069A5E8	
DECW\$XTSHR			0 00040208	0068E208	
DECW\$XTSHR			0 0003F180	0068D180	
IDL			0 0010E07C	0010E07C	
IDL			0 001183D8	001183D8	
IDL			0 000F60F4	000F60F4	
IDL			0 000910F0	000910F0	
IDL			0 00051B44	00051B44	
IDL			0 000503C4	000503C4	
IDL			0 00050450	00050450	
			0 827DE8F0	827DE8F0	

MAYOR@TARDIS>

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