
Subject: catalyst error

Posted by [Dave\[4\]](#) on Sat, 27 Jun 2009 06:56:01 GMT

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Dear David:

When I get the latest catalyst package, I run "catalyst" procedure and get the following

% Pointer type required in this context: <FLOAT (0.3500000)>.

So What's wrong with the catalyst package? Thanks very much!

The traceback informations are:

Traceback Report from TEXTLINE::DRAW:

```
% Pointer type required in this context: <FLOAT ( 0.350000)
> .
% Execution halted at: TEXTLINE::DRAW 481 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\graphics
\textline__define.pro
% CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__define.pro
% CATLAYER::DRAW 243 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catlayer__define.pro
% CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__define.pro
% WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro
% BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\basewidget__define.pro
% TOPLEVELBASE::DRAW 350 C:\Program Files
\ITT\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\toplevelbase__define.pro
% PIXMAPWIDGET::REFRESH 719 C:\Program
Files\ITT\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\pixmapwidget__define.pro
% PIXMAPWIDGET::COPY 276 C:\Program Files
\ITT\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\pixmapwidget__define.pro
% DRAWWIDGET::NOTIFY_REALIZE 803 C:
\Program Files\ITT\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\drawwidget__define.pro
% CATREALIZENOTIFY 65 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\utilities
```

```

\catrealizenotify.pro
%          TOPLEVELBASE::REALIZE  393 C:\Program
Files\ITT\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\toplevelbase__define.pro
%          TOPLEVELBASE::DRAW  347 C:\Program Files
\ITT\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\toplevelbase__define.pro
%          CATALYST::GUI    955 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\applications\cata lyst.pro
%          CATALYST      1061 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\applications\cata lyst.pro
%          $MAIN$

```

Traceback Report from TEXTLINE::DRAW:

```

% Pointer type required in this context: <FLOAT  (  0.350000)
> .
% Execution halted at: TEXTLINE::DRAW  481 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\graphics
\textline__define.pro
%          CATATOM::DRAW  452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__def ine.pro
%          CATLAYER::DRAW  243 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catlayer__de fine.pro
%          CATATOM::DRAW  452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW  121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro
%          DRAWWIDGET::DRAW  575 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\drawwidget__define.pro
%          CATATOM::DRAW  452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW  121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW  149 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW  452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW  121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro
%          CATATOM::DRAW  452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW  121 C:\Program Files\ITT

```

```

\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__define.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__define.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\basewidget__define.pro
%          TOPLEVELBASE::DRAW 350 C:\Program Files
\ITT\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\toplevelbase__define.pro
%          CATALYST::GUI 955 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\applications\catalyst.pro
%          CATALYST 1061 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\applications\catalyst.pro
%          $MAIN$

```

Traceback Report from CATCOLORBAR::DRAW:

```

% Invalid object reference: <OBJREF (<ObjHeapVar2764>)>.
% Execution halted at: CATCOLORBAR::DRAW 315 C:\Program Files
\ITT\IDL71\mllib\coyoteprograms\catalyst\source\graphics
\catcolorbar__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__define.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          DRAWWIDGET::DRAW 575 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\drawwidget__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__define.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets

```

```

\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__define.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__define.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__define.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__define.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\basewidget__define.pro
%          TOPLEVELBASE::DRAW 350 C:\Program Files
\ITT\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\toplevelbase__define.pro
%          CATALYST::GUI 955 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\applications\catalyst.pro
%          CATALYST 1061 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\applications\catalyst.pro
%          $MAIN$

```

Traceback Report from TEXTLINE::DRAW:

```

% Pointer type required in this context: <FLOAT ( 0.500000)
> .
% Execution halted at: TEXTLINE::DRAW 481 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\graphics

```

```

\textline__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          DRAWWIDGET::DRAW 575 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\drawwidget__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\basewidget__define.pro
%          TOPLEVELBASE::DRAW 350 C:\Program Files
\ITT\IDL71\mllib\coyoteprograms\catalyst\source\widgets

```

```

\toplevelbase__define.pro
%          CATALYST::GUI    955 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\applications\cata lyst.pro
%          CATALYST        1061 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\applications\cata lyst.pro
%          $MAIN$

```

Traceback Report from TEXTLINE::DRAW:

```

% Pointer type required in this context: <FLOAT  (  0.500000)
> .
% Execution halted at: TEXTLINE::DRAW  481 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\graphics
\textline__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          DRAWWIDGET::DRAW 575 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\drawwidget__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro

```

```

%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\basewidget__define.pro
%          TOPLEVELBASE::DRAW 350 C:\Program Files
\ITT\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\toplevelbase__define.pro
%          CATALYST::GUI 955 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\applications\cata lyst.pro
%          CATALYST 1061 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\applications\cata lyst.pro
%          $MAIN$

```

Traceback Report from TEXTLINE::DRAW:

```

% Pointer type required in this context: <FLOAT ( 0.500000)
> .
% Execution halted at: TEXTLINE::DRAW 481 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\graphics
\textline__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro
%          DRAWWIDGET::DRAW 575 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\drawwidget__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW 452 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\core\catatom__def ine.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprogams\catalyst\source\widgets
\widgetatom__define.pro

```

```

%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__define.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__define.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\basewidget__define.pro
%          CATATOM::DRAW    452 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\core\catatom__define.pro
%          WIDGETATOM::DRAW 121 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\widgetatom__define.pro
%          BASEWIDGET::DRAW 149 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\basewidget__define.pro
%          TOPLEVELBASE::DRAW 350 C:\Program Files
ITT\IDL71\mllib\coyoteprograms\catalyst\source\widgets
\toplevelbase__define.pro
%          CATALYST::GUI    955 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\applications\catalyst.pro
%          CATALYST        1061 C:\Program Files\ITT
\IDL71\mllib\coyoteprograms\catalyst\source\applications\catalyst.pro
%          $MAIN$
% Compiled module: TVREAD.
% Compiled module: PLOTCOORD__DEFINE.
% Compiled module: XMANAGER.

```
