
Subject: 8.0 name conflict

Posted by [wlandsman](#) on Thu, 12 Aug 2010 02:34:22 GMT

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There is a popular procedure legend.pro in the IDL Astronomy library (<http://idlastro.gsfc.nasa.gov/ftp/pro/plot/legend.pro>) for putting a legend on a direct graphics plot. IDL 8.0 has a **function** LEGEND() for placing a legend on a PLOT(). While there is no conflict between a user procedure and an **intrinsic** function with the same name, in this case the ITTVIS function LEGEND() is written in IDL. So which ever gets compiled first prevents the other legend.pro from being compiled.

If I put the standard IDL library at the beginning of the !PATH then I can't call the direct graphics LEGEND.

```
IDL> legend
% Compiled module: LEGEND.
% Attempt to call undefined procedure/function: 'LEGEND'.
```

But if I put the Astron Library ahead in the !PATH then I can't call LEGEND()

```
IDL> l = legend(TARGET=[p1,p2], POSITION=[140,0.9], /DATA)
% Compiled module: LEGEND.
% Attempt to call undefined procedure/function: 'LEGEND'.
```

--Wayne
