Subject: Re: overriding system functions.
Posted by Ken Mankoff on Thu, 28 Apr 2005 18:16:42 GMT

On Thu, 28 Apr 2005 jlamm2223443@yahoo.com wrote:
> I would love it to have my own preloaded max function that checks
> if the input is indeed an array and then if it is call the max
> function or otherwise post an error message and bomb.

You could tell your students to always check for the existence of a
"jlamm_X" function. If they want "max", they should try
IDL> .com jlamm_max
If there is an error message, use max(), if the compilation works,
use jlamm_max().

You can override any code that is written in IDL. You might be able
to do this by appending your library location to the beginning of
!PATH. I do it by explicitly compiling my own over-ridden routines
(map_set, write_gif, write_mpeg, etc.) in my IDL_STARTUP file.

  -k.