Subject: pointer to function
Posted by Moritz Fischer on Thu, 12 Sep 2013 06:20:35 GMT

Hi All,

Is there any way to implement something like a pointer to a function (
as in C)?
I'd like to avoid using 'execute', but i do want something like this:

    t = exectute('value = '+ user_written_func +'(argument)')

And a related question:
How can I compile a file that is *not* named as the function it contains
without a dot command (= at runtime)?
It works ok with .compile, but not with resolve_routine.

Any suggestions are apprechiated!

cheers

Subject: Re: pointer to function
Posted by Lajos Foldy on Thu, 12 Sep 2013 08:26:47 GMT

On Thursday, September 12, 2013 8:20:35 AM UTC+2, Moritz Fischer wrote:

> Is there any way to implement something like a pointer to a function (
> as in C)?
>
> I'd like to avoid using 'execute', but i do want something like this:
>
>   t = exectute('value = '+ user_written_func +'(argument)')

Use the CALL_* routines, CALL_FUNCTION, CALL_PROCEDURE or CALL_METHOD.

> And a related question:
>
> How can I compile a file that is *not* named as the function it contains
> without a dot command (= at runtime)?
>
> It works ok with .compile, but not with resolve_routine.

 http://cow.physics.wisc.edu/~craigm/idl/down/file_compile.pr o (the filename must end with .pro)

regards,
Lajos