> I do not use callable IDL, but one question occurred to me. Do you restore
> the sav file before invoking the function? Haje
>
> <hy.rs....@gmail.com> wrote in message
>
> news:4b635c0d-4d23-42b1-80af-7baec64e9b3a@z16g2000prd.google groups.com...
>
>> I wrote a c program in which I want to use Callable IDL to plot and
>> analysis some RS data.
>
>> First, I invoke IDL command in c program using function IDL_ExecuteStr
>> (). But it's hard to debug and I can't get any error information when
>> something wrong.
>
>> So I found out a solution. I wrote procedures and funcitons in IDL
>> IDE, so I can test and debug easily. When the code was tested good, I
>> save them as .sav file using SAVE command. If my solution works, I
>> could restore the function and invoking them in my c program.
>
>> But my solution faild. I couldn't invoke procedures and functions
>> in .sav file when I using Callable IDL.
>
>> I'm not sure whether my solution is right or wrong. So I ask your
>> help. Tell me the feasibility of my solution, please!
>
>

The answer is yes.

Following are my test IDL and C code segment:

IDL:

```
PRO fsplot, dimx, dimy
PLOT, dimx, dimy
END
```

C:

```
int main(int argc, char* argv[])
{
    IDL_INIT_DATA init_data;
```

```
   init_data.options = IDL_INIT_NOCMDLINE;
   if (argc) {
      init_data.options |= IDL_INIT_CLARGS;
      init_data.clargs.argc = argc;
      init_data.clargs.argv = argv;
   }
   if (IDL_Initialize(&init_data)) {

      IDL_ExecuteStr("RESTORE, 'fsplot.sav'");
      IDL_ExecuteStr("fsplot, [1,2,3], [1,2,3]");

      IDL_Cleanup(FALSE);    /* Don't return */
   }

   return 0;
}
```