
Subject: How to call fortran subroution?

Posted by [web](#) on Thu, 12 Apr 2001 00:26:21 GMT

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Hi, I havenot find a perfect example on how to call fortran subroutine from idl.

For example, a(0) and a(1) are computed in an IDL program, I want a fortran subroutine to compute $c=a(0)+a(1)$. After c has been returned, $d=a(0)+a(1)+c$ is computed in IDL. How to do that? I think we will know how to call fortran subroutine if we can do above.

1.IDL PROGRAM: test.pro

```
pro test
a=fltarr(2)
a(0)=100 & a(1)=200
call_external sum_fortran(a,c)
d=a(0)+a(1)+c
print,a,c,d
end
```

2.FORTRAN SUBROUTINE: sum_fortran.f

```
subroutine sum_fortran(a,c)
dimension a(2)
c=a(1)+a(2)
return
end
```

Would you please help me to modify the above and tell me how to run?

Can fortran call idl program?

Best regards
Jiali
