
Subject: Re: call_external (IDL5.5)
Posted by [R.Bauer](#) on Mon, 25 Feb 2002 13:19:05 GMT
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Reimar Bauer wrote:

>

Hi,

I give an example:

The following compiled and used by idl5.4.1 works fine and IDL5.5 got's a memory fault.

```
IDL> PRINT,call_external('my_stat.so.linux','uid','file.txt',/i_v alue)
```

```
/*
```

```
Linux:
```

```
gcc -fPIC -Wall -g -c my_stat.c
```

```
gcc -g -shared -W1,-soname,my_stat.so.0 -o my_stat.so.linux my_stat.o
```

```
-lc
```

```
*/
```

```
#include <sys/stat.h>
```

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
typedef struct {  
    unsigned short slen;  
    short stype;  
    char *s;  
} IDL_STRING;
```

```
double uid(int argc, void *argv[])  
{  
    /* returns the user-id of the file */  
    struct stat s;  
    int rcode;  
    IDL_STRING path;  
    char buf[1023];  
    long uid;
```

```
    path=*(IDL_STRING *) argv[0];  
    strcpy(buf,path.s);  
    buf[path.slen]='\0';
```

```
    rcode=stat(buf,&s);
```

```
uid=s.st_uid;  
  
return(uid);  
  
}
```

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a IDL library at ForschungsZentrum Juelich

[http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h tml](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html)

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

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