Subject: Re: IDL_MakeStruct floating exception Posted by Haje Korth on Wed, 19 May 2004 20:31:41 GMT

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Sveta,

are you ensuring the variables you are assigning to foo.p and foo.q have the correct type (e.g., IDL_CvtFix)? Are the variables you are assiging really "shorts"? Remember "int" in C corresponds to "long" in IDL. I do not think we can solve this without seeing more of your code.

```
Cheers,
Haje
```

```
"Sveta Shasharina" <sveta@txcorp.com> wrote in message
news:2911fc52.0405191033.50c004db@posting.google.com...
> I am trying to run this simple code:
>
> static IDL_STRUCT_TAG_DEF f_tags[] = {
  {"P", 0, (void*) IDL_TYP_INT},
   {"Q", 0,(void*) IDL_TYP_INT},
>
  {0}
> };
>
 void* s:
  s = IDL_MakeStruct("FOO", f_tags);
>
 And get "Floating point exception...
> What is wrong?
> Thanks.
```

Subject: Re: IDL_MakeStruct floating exception Posted by sveta on Thu, 20 May 2004 15:17:58 GMT

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Hi Haje,

> Sveta Shasharina

The problem is that this is all the code :-)

I have these two statements in my main.

I assume that they mean that I allocate memory of a particular size but do not assign any values.

Sveta

"Haje Korth" <haje.korth@jhuapl.edu> wrote in message

```
news:<c8gg7d$5js$1@aplcore.jhuapl.edu>...
> Sveta.
> are you ensuring the variables you are assigning to foo.p and foo.q have the
> correct type (e.g., IDL_CvtFix)? Are the variables you are assiging really
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>
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> Haje
>
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>> I am trying to run this simple code:
>>
>> static IDL_STRUCT_TAG_DEF f_tags[] = {
    {"P", 0, (void*) IDL_TYP_INT},
    {"Q", 0,(void*) IDL TYP INT},
    {0}
>>
>> };
>>
>> void* s;
>> s = IDL MakeStruct("FOO", f tags);
>>
>> And get "Floating point exception...
>> What is wrong?
>>
>> Thanks.
>> Sveta Shasharina
```

Subject: Re: IDL_MakeStruct floating exception
Posted by Haje Korth on Thu, 20 May 2004 16:45:12 GMT
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Are you trying to use callable IDL or you writing a DLM? I am confused because you mentioned "main".

Haje

"Sveta Shasharina" <sveta@txcorp.com> wrote in message news:2911fc52.0405200717.3689d5f@posting.google.com...

- > Hi Haje,
- > The problem is that this is all the code :-)
- > I have these two statements in my main.
- > I assume that they mean that I allocate memory of a particular size
- > but do not assign any values.

```
>
> Sveta
 "Haje Korth" <haje.korth@jhuapl.edu> wrote in message
news:<c8gg7d$5js$1@aplcore.jhuapl.edu>...
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>> Haje
>>
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>>> I am trying to run this simple code:
>>> static IDL_STRUCT_TAG_DEF f_tags[] = {
      {"P", 0, (void*) IDL_TYP_INT},
>>>
      {"Q", 0,(void*) IDL_TYP_INT},
>>> {0}
>>> };
>>>
>>> void* s:
     s = IDL_MakeStruct("FOO", f_tags);
>>> And get "Floating point exception...
>>>
>>> What is wrong?
>>>
>>> Thanks,
>>> Sveta Shasharina
```

Subject: Re: IDL_MakeStruct floating exception Posted by sveta on Fri, 21 May 2004 19:40:22 GMT View Forum Message <> Reply to Message

Eventually it will be a DLL, bur now I just want to run this as a piece of C code shown in the original message.

Sveta

```
"Haje Korth" <haje.korth@jhuapl.edu> wrote in message
news:<c8inap$rcf$1@aplcore.jhuapl.edu>...
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>
>
>
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>>
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>>
>>
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>>> are you ensuring the variables you are assigning to foo.p and foo.g have
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> really
>>> "shorts"? Remember "int" in C corresponds to "long" in IDL. I do not
> think
>>> we can solve this without seeing more of your code.
>>>
>>> Cheers,
>>> Haje
>>>
>>> "Sveta Shasharina" <sveta@txcorp.com> wrote in message
>>> news:2911fc52.0405191033.50c004db@posting.google.com...
>>>> I am trying to run this simple code:
>>>>
>>>> static IDL STRUCT TAG DEF f tags[] = {
       {"P", 0, (void*) IDL TYP INT},
       {"Q", 0,(void*) IDL_TYP_INT},
>>>>
      {0}
>>>> };
>>>>
>>>> void* s;
>>>> s = IDL_MakeStruct("FOO", f_tags);
>>>>
```

>>> And get "Floating point exception...
>>>>
 What is wrong?
>>>> Thanks,
>>>> Sveta Shasharina