
Subject: Re: Object Field Name Conflicts

Posted by [Michael Galloy](#) on Sun, 26 Jan 2014 03:29:01 GMT

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On 1/25/14, 7:52 PM, David Fanning wrote:

> Folks,
>
> In building an object program recently I have a core object that
> inherits IDL_CONTAINER, IDLitCOMPONENT, and IDL_OBJECT objects. I don't
> know the field or tag names of *any* of these objects, which makes
> choosing names for my own object a bit of an adventure.
>
> I've already run into conflict with _parent, _name, and _uvalue. Of
> course, this is not surprising. Great minds think alike and all that.
> But, I wonder if there is a listing of the tag names these objects use?
>
> It would be wonderful if the name space of objects could be protected,
> but failing that, it would be great if we knew what names we can't use.
>
> Cheers,
>
> David
>

IDL> help, { idl_object }

** Structure IDL_OBJECT, 3 tags, length=24, data length=20:

```
IDL_OBJECT_TOP LONG64          0
__OBJ__      OBJREF  <NullObject>
IDL_OBJECT_BOTTOM
                LONG64          0
```

IDL> help, { idl_container }

** Structure IDL_CONTAINER, 6 tags, length=32, data length=30:

```
IDL_CONTAINER_TOP
                LONG64          0
IDLCONTAINERVERSION
                INT            0
PHEAD          POINTER  <NullPointer>
PTAIL          POINTER  <NullPointer>
NLIST          LONG      0
IDL_CONTAINER_BOTTOM
                LONG64          0
```

IDL> help, { idlitcomponent }

** Structure IDLITCOMPONENT, 14 tags, length=128, data length=122:

```
IDLITCOMPONENT_TOP
                LONG64          0
IDLITCOMPONENTVERSION
                INT            0
DESCRIPTION    STRING  ""
```

```
NAME      STRING  ""
ICON      STRING  ""
IDENTIFIER STRING  ""
HELP      STRING  ""
TOOL      OBJREF  <NullObject>
UVALUE    POINTER <NullPointer>
_PARENT   OBJREF  <NullObject>
_PROXY    OBJREF  <NullObject>
PROPERTYDESCRIPTORS
           OBJREF  <NullObject>
_FLAGS    LONG    0
IDLITCOMPONENT_BOTTOM
           LONG64  0
```

Mike

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Michael Galloy

www.michaelgalloy.com

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

Research Mathematician

Tech-X Corporation
