Subject: LinkedList not recognized as object by Help
Posted by Matthew Argall on Sat, 15 Apr 2017 20:50:10 GMT
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I am trying to create an IDL sav file for my application and ran into an interesting exception.
Coyote Graphic's LinkedList object is compiled as an object by Resolve_All but is not recognized
as an object by the Help procedure. Any reason why this would be?

IDL> Resolve_All, CLASS='linkedlist'
% Compiled module: RESOLVE_ALL.
% Compiled module: LINKEDLIST__DEFINE.
% Resolved class structure: LINKEDLIST
% Identified method files: LINKEDLIST

IDL> Help, OUTPUT=output, /OBJECTS, /BRIEF
IDL> Print, output

IDL> Help, OUTPUT=output, /PROCEDURES, /BRIEF
IDL> Print, output
Compiled Procedures: $MAIN$ LINKEDLIST::ADD   LINKEDLIST::ADD_AFTER
LINKEDLIST::ADD_BEFORE LINKEDLIST::ADD_TO_END
   LINKEDLIST::CLEANUP LINKEDLIST::DELETE   LINKEDLIST::DELETE_LAST_NODE
LINKEDLIST::DELETE_NODE
   LINKEDLIST::DELETE_NODES   LINKEDLIST::HELP   LINKEDLIST::MOVE_NODE
LINKEDLIST::REPLACE_ITEM
   LINKEDLIST__DEFINE RESOLVE_ALL

Thanks

Subject: Re: LinkedList not recognized as object by Help
Posted by markb77 on Sun, 16 Apr 2017 14:06:29 GMT
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On Saturday, April 15, 2017 at 10:50:11 PM UTC+2, Matthew Argall wrote:
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> IDL> Help, OUTPUT=output, /OBJECTS, /BRIEF
> IDL> Print, output
>
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> IDL> Help, OUTPUT=output, /PROCEDURES, /BRIEF
> IDL> Print, output
> Compiled Procedures: $MAIN$ LINKEDLIST::ADD   LINKEDLIST::ADD_AFTER
LINKEDLIST::ADD_BEFORE LINKEDLIST::ADD_TO_END
>   LINKEDLIST::CLEANUP LINKEDLIST::DELETE   LINKEDLIST::DELETE_LAST_NODE
 LINKEDLIST::DELETE_NODE
>   LINKEDLIST::DELETE_NODES   LINKEDLIST::HELP   LINKEDLIST::MOVE_NODE
LINKEDLIST::REPLACE_ITEM
>   LINKEDLIST__DEFINE RESOLVE_ALL
>
>
> Thanks

Have you created an instance of the object?

Subject: Re: LinkedList not recognized as object by Help
Posted by Matthew Argall on Mon, 17 Apr 2017 14:29:29 GMT
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Thanks! Creating an instance of the object first does resolve the issue. However, not all objects require me to create an instance first. E.g.

IDL> .full_reset
IDL> Resolve_All, CLASS='IDL_Container'
% Compiled module: RESOLVE_ALL.
% Resolved class structure: IDL_CONTAINER
% Identified method files: IDL_CONTAINER
IDL> Help, OUTPUT=output, /OBJECTS, /BRIEF
IDL> Print, output
   IDL_CONTAINER   IDL_OBJECT

This is true for both IDL and non-IDL objects.