
Subject: 2006 IDL Christmas Card
Posted by [ronn](#) on Wed, 06 Dec 2006 13:22:11 GMT
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Hello Everyone!

The 2006 Christmas project is a moonlit field of snow with gently falling snowflakes. The snowflakes are actual images of snowflakes mapped onto polygons. The falling/rotating motion of each snowflake is controlled using Rick Towler's quaternion object and the entire view is his camera object. For IDL6.3 and up users each snowflake's motion is controlled by a separate IDL_bridge object that calculates the position and rotation in the background.

The snowfall.zip file can be downloaded at

<http://www.kilvarock.com/freesoftware/objects/objects.htm>

Just extract the files somewhere in the IDL path and type snowfall at the IDL prompt. Feel free to pass it around for others to enjoy.

Thanks Again and Merry Christmas!

Ronn Kling
KRS, inc.
email: r...@rlkling.com
Use these books to upgrade your IDL skills.
"Application Development with IDL"
"Calling C from IDL, Using DLM's to extend your IDL code". SECOND EDITION includes C++ and debugging!
"Power Graphics with IDL, A Beginner's Guide to Object Graphics",
<http://www.kilvarock.com>

Subject: Re: 2006 IDL Christmas Card
Posted by [R.Bauer](#) on Fri, 08 Dec 2006 13:20:52 GMT
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ronn@rlkling.com wrote:

> Hello Everyone!
>
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> falling snowflakes. The snowflakes are actual images of snowflakes
> mapped onto polygons. The falling/rotating motion of each snowflake is
> controlled using Rick Towler's quaternion object and the entire view is
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Hi Ron

first time I can't watch a marvelous card greetings program because of
an platform dependend rsi idl bug or isn't it?

% OBJ_NEW: Dynamically loadable module is unavailable on this platform:
IDL_IDLBRIDGE

I wish you all the best for 07 and Merry Christmas!

cheers
Reimar

--
Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de

a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html

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Subject: Re: 2006 IDL Christmas Card

Posted by edward.s.meinel@aero on Fri, 08 Dec 2006 15:23:53 GMT

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Reimar Bauer wrote:

>
> Hi Ron
>
> first time I can't watch a marvelous card greetings program because of
> an platform dependend rsi idl bug or isn't it?
>
> % OBJ_NEW: Dynamically loadable module is unavailable on this platform:
> IDL_IDLBRIDGE
>

And I get a mess of

% Program caused arithmetic error: Floating underflow

followed by:

% IDL_IDLBRIDGE Error: Unable to set Win32 event object

% Execution halted at: SNOWFLAKE::INIT 96

/Applications/rsi/idl_6.3/lib/snowfall/snowflake__define.pro

% OBJ_NEW

% SNOWFALL::INIT 113

/Applications/rsi/idl_6.3/lib/snowfall/snowfall.pro

% OBJ_NEW

% SNOWFALL 171

/Applications/rsi/idl_6.3/lib/snowfall/snowfall.pro

% \$MAIN\$

If I .reset the session, or if I compile and resolve_all, it crashes with:

% Unable to start IDL_IDLBRIDGE slave process.

% Execution halted at: SNOWFLAKE::INIT 94

/Applications/rsi/idl_6.3/lib/snowfall/snowflake__define.pro

% OBJ_NEW

% SNOWFALL::INIT 113

/Applications/rsi/idl_6.3/lib/snowfall/snowfall.pro

% OBJ_NEW

% SNOWFALL 171

/Applications/rsi/idl_6.3/lib/snowfall/snowfall.pro

% \$MAIN\$

Oh well, Merry Christmas!!!

Ed
